

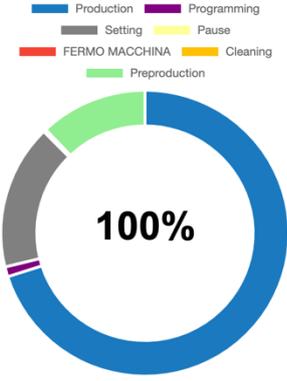


# User Guide

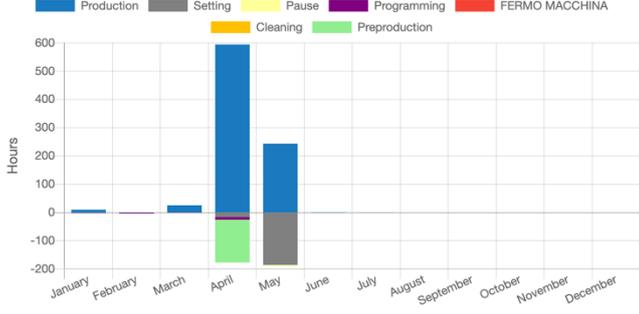
### Statistics

Select Machine ▼ Select Sales Ord... ▼ Select Work Order ▼ Select operator ▼ This Year ▼ ×



100%

- Production
- Programming
- Setting
- Pause
- FERMO MACCHINA
- Cleaning
- Preproduction



Hours

Month	Production	Setting	Pause	Programming	FERMO MACCHINA	Cleaning	Preproduction
January	0	0	0	0	0	0	0
February	0	0	0	0	0	0	0
March	20	0	0	0	0	0	0
April	580	0	0	0	0	0	-100
May	250	-100	0	0	0	0	0
June	0	0	0	0	0	0	0
July	0	0	0	0	0	0	0
August	0	0	0	0	0	0	0
September	0	0	0	0	0	0	0
October	0	0	0	0	0	0	0
November	0	0	0	0	0	0	0
December	0	0	0	0	0	0	0

Comments 3 Attachments 2 Templates 20

### Machines



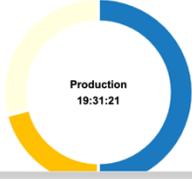
#### ROBOSHOT Alpha-SiB Series



0/5  
3M™ Cubitron™ II 967A Dischi  
Lamellari 115 mm 60+ PN 65052  
conf.10pz.2  
Odi: WO20220096  
ttt



#### ROBOT M0i223



Production  
19:31:21

### Operators

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# 1. Introduction

## About iProd

**iProd** is a set of software and hardware tools enabling **Industry 4.0** technologies for small and medium companies.

The company has invented **iProd MOP (Manufacturing Optimization Platform)**, the latest technological innovation in Cloud, as easy to use as an App, to increase the productivity, quality and organization of manufacturing companies of any size, especially small and medium-sized, through the best use of human and technological resources already available.

**Technical data is nowadays crucial to a company's success and prosperity**, for this reason we are providing it with an easy and user-friendly tool to organize and enable access to data within the company. We believe that every company will have its own "Technopedia" which has to be always updated and available to employees.

iProd IoT Tablet, thanks to the IoT and Cloud enabling Industry 4.0 technologies, automatically collects data from connected machines which compiles the company virtual database along with the simple use of the platform in Cloud through which data is shared, archived and classified.

## Who is it for?

**iProd** has been designed to optimize production process for manufacturing companies, mechanical workshops and production lines but thanks to its flexibility it perfectly suits companies operating in different industry that can use the most appropriate functionalities to their needs

## Overview

### Efficiency Control

Functionality "Planning": Interact with your machines and with its assigned workorder. Plan your activities, weeks or months in advance in the calendar

### Production Monitoring

Real-time monitoring of each production phase for each machine.

### Reporting

Viewing, exporting and printing report details on:

- **Production activity progression**
- Work Order **details** generated from individual phases
- **Performance Indicators** of machinery involved in different production phases
- Accounting documents and document templates editable and customizable in real time with **iProdEditor**

### Widgets

- **Machines:** List and state of all machines and operational units of the company with the possibility of linking the operator who is managing the machine.
- **Operators:** View activity history of each operator
- **Notification:** record of all notifications managed by iProd

- **E-procurement:** Create and customize your purchase orders and reorder carts. Keep up-to-date your product and BOM details by adding or cloning products on the web.
- **Marketplace:** your online shop, sell your products and services with our artificial intelligence
- **iProd Editor:** The innovative embedded system for editing and digital publishing. This tool allows you to create custom professional documents or templates based.

### Social Collaboration

Inspired by social network "Facebook", information is shared in real time across all users and different departments increasing efficiency and productivity. Both operators and administrators can visualize and make comments on work orders, part-programs, multimedia attachments, sales orders etc.

#### Advanced Tag

Use "@" to tag users, products or clients and "\$" for sales orders and work orders. It will make the research by keywords easier

## 2. Design and functionalities common to all pages

iProd aims to make the workflow as easy and intuitive as possible by adopting the same design (style, colors, animation) and operative tools in each part of the platform.

Every menu puts together a set of web pages to streamline the work process and satisfy the needs of both administrators and operators.

For example, all activities related to sales like quotations, orders and shipments are gathered in "SELLS" section just like WO (Work Orders) can be managed by another section of the platform.

### Uploading

To add a new record, click on "+" symbol situated on the top of the page



The data entry form will appear on the center of the page

### Editing

Open the record you want to modify and click on vertical ellipses usually found on the top right of the related space. Then choose "Edit" from the drop-down menu

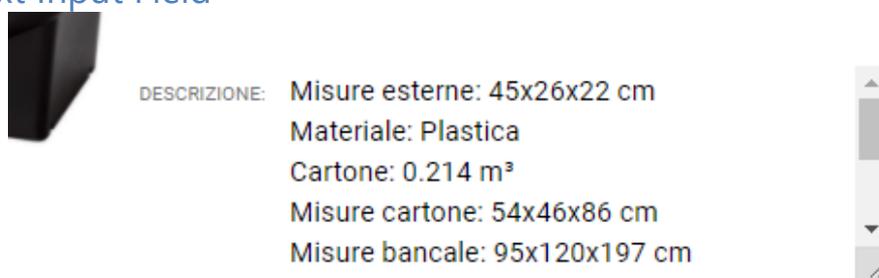


## Deleting

Where possible, you can remove records by selecting "Delete". A message will ask to confirm the action in order to avoid mistakes, however, cancellation in iProd is not irreversible. Records will be labeled as "status deleted" and it possible to restore them as well as understand when it was cancelled and by whom through a log history that iProd updates at any database modification.

Moreover, it's not possible to edit nor delete records which have documents associated with them. For example, if we send a quotation to a client and subsequently, we delete it, the client record won't be removed.

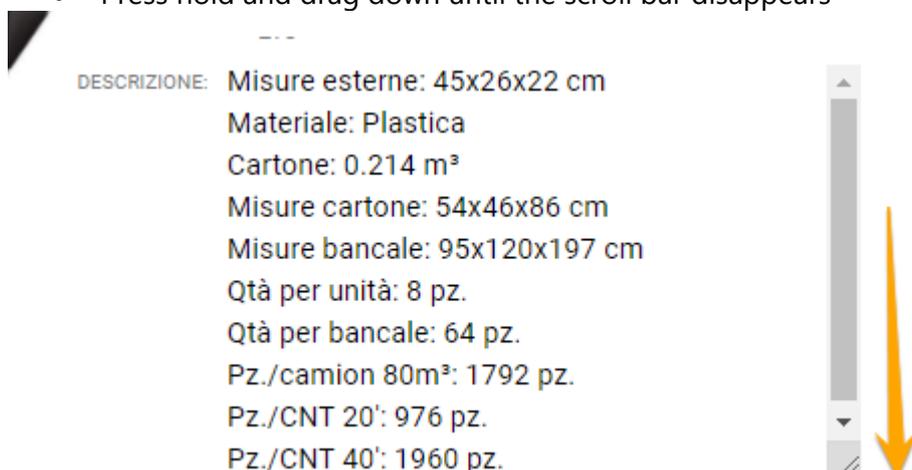
## Multiline Text Input Field



In data entry forms it is possible that you will encounter **long texts like notes or additional descriptions**, that cannot be contained in a single horizontal line, and are therefore managed by **multiline input fields**. Sometimes it may happen that even if multiline they do not show the entire content and leave the scrolling of the text to the operator.

The **vertical bar**, if present, expressly indicates that there is more text in addition to what is visible. text is not the entire stored content.

- Scroll down to see the remaining text or
- click on the two slanted lines below the vertical bar.
- Press hold and drag down until the scroll bar disappears



## Data Logging and Modification History

Each record, sales order, word order, production phase and ERP document, keep track of every change, cancellation or input. Users can find this information in their accounts meanwhile administrators have the authority to interrogate the entire log database. Information recorded is:

- **Event date**
- **Type** (INSERT, UPDATE, DELETE)
- Record **original state**
- The **modified record states**
- **Other references**

Find "Show Log" from the vertical ellipsis



A popup window will show you any single variation of selected item. Choose what you want to cancel (for administrators only) or export data to Excel.

History changes Prodotto: PISTONE

Drag a column header here to group its column

Search  Remove all Remove selection Excel Export

<input type="checkbox"/>	Operation	Origin	Created	Author	Before	After	Other Info
<input type="checkbox"/>	Modificato	Item	06/06/2022 16:54:42	Amedeo Bruni	'properties.mu': 'pz','lastUpdate': '20/05/2022 08 33 44'	'properties.mu': 'MT','lastUpdate': '06/06/2022 14 54 42'	
<input type="checkbox"/>	Modificato	Item	20/05/2022 10:33:44	Amedeo Bruni	'lastUpdate': '24/03/2022 13 20 43'	'lastUpdate': '20/05/2022 08 33 44'	
<input type="checkbox"/>	Modificato	Item	24/03/2022 14:20:43	AMEDEO BRUNI	'lastUpdate': '05/10/2021 09 25 45'	'lastUpdate': '24/03/2022 14 20 43'	

1 of 1 pages (3 items)

ID Prodotto: 5dada6a4b42e7703f47add2c

Close

## Super Administrator and Administrator

The full history data log of the company can be found in "Settings" "Advanced Settings", only accounts with higher authority (Administrators and Super-Administrators) can consult it.

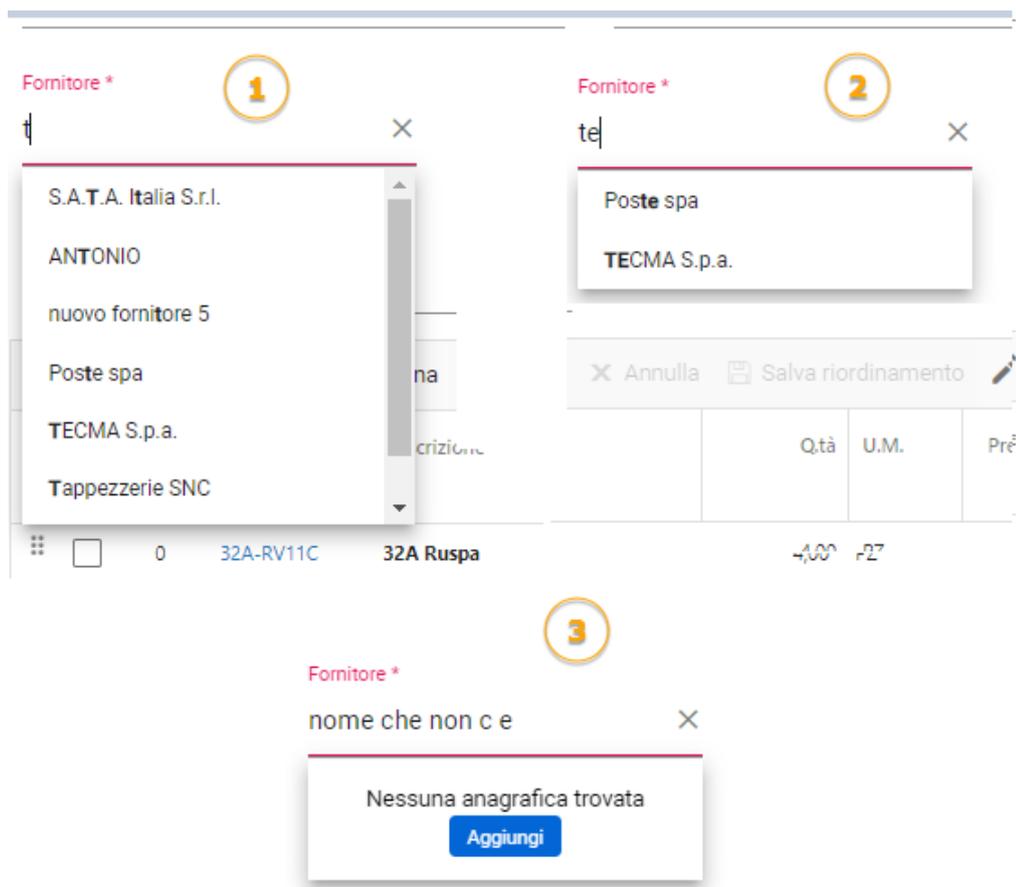
### What's the modification history start date?

History data log starts from December 20, 2021.

### Autocompletion Widget

Autocomplete mechanism is **used to provide the users a list of suggestions while typing the beginning word in the text box**. It facilitates the user to select an item from the list, which will be displayed in the input field.

For example



This system optimizes and minimizes searches even on large amounts of data. Another help that this Widget offers is the possibility to add a new data record directly from here if nothing is found with the inserted words.

The **X** to the right of the input field clears the content and resets the search

## Image Zoom

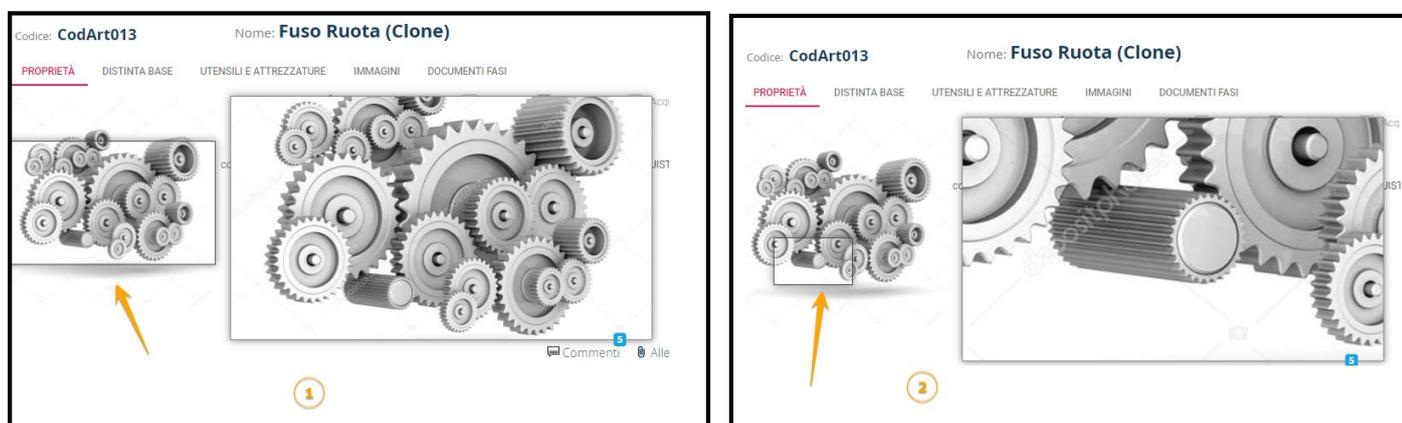
Hovering with the mouse or tapping on the product image opens a foreground area containing the same in its original upload size.

This means that for drawings, diagrams or where there are really well **detailed images**, it is advisable to prepare the image files with appropriate size so no detail is lost. When this image is uploaded on the product properties page, it will be automatically resized by the system keeping the aspect ratios.

Passing over with the mouse highlights the maximum resolution. If you want to go into even more close detail, use the central mouse wheel that **enlarges it further**.

brings the point of view closer to the object represented

The replication that is made on the dedicated space is automatically, and for very detailed images it could be useful to enlarge them



## Comments, Attachments and Documents

Almost all pages, including the homepage, in iProd show the same features for managing **comments/attachments and documents**. Style and design are always the same:



By **Comments** or **Post** we mean all the information accompanying a specific element. For example, if you want to add information to a description of a product like range of colors, sizes and materials etc., comments give us the possibility to extend any information. Just to diversify the nomenclature, a text message is a comment, an attachment file is an **attachment**.

The number of comments above indicates the quantity of comments published, as well as the number on top of attachments. To see them simply click on the buttons







3 **GENERICI**   
 CICLI SCANSIONE QUALITÀ   
 SCANSIONE LASER   
 STAMPI 2

---



**AMEDEO BRUNI**  
18/10/2021

 Pubblica

---



**AMEDEO BRUNI**  
17/05/21 15:39

---

Si è verificato un problema nella commessa \$S0004 di @BINETWORK S.r.l. - PROVA.  
 Attenzione il macchinario ha superato la soglia di scarti del 7%

 0



 symbol is the **Close** button, which alternately shows or hides the comment area.

Subsequently we see Categories that we have previously described

In this example, in red we have the current category Generics: 3 of the 5 comments fall in this category

## New Comments

Click on "Comments" to publish notes:

AB

**AMEDEO BRUNI**

28/07/2022

---

Write something...

 Publish

- 1** Photo and name of the **person** who made the comment and creation **date**
- 2** Click in this **space** to type your comment
- 3** Click on this icon to **upload files**. You can attach any files from images to documents, compressed files etc. except for part-programs
- 4** **Publish** button to save and share your comments.

Attachments also need a text in order to be published. Comments will be visible for all accounts and can be edited, moved or cancelled.

## Editing Comments

To modify or cancel a published comment, click on  button and select the desired action. By pressing "Edit" the comment form will open again

## Deleting Comments

To cancel a comment, click on  and select "**Delete**"  
A popup message will ask to confirm your choice

Delete post ×

---

Are you sure you want to delete this item?

---

OK CANCEL

Cancellation is not irreversible, deleted comments will not be displayed anymore but can be recovered if necessary.

## Moving Comments

If a comment is misplaced it is possible to change its position. From  click on "**Move to other category**". Then you will be asked to specify destination category, please note it cannot be the same as current category, neither **Programs** nor left empty.

Move post to new category ×

---

Destination category  
Unassigned

---

OK CANCEL

## Attaching files

In each comment it is possible to post text and share files like documents, images, drawings etc. You can attach multiple files in one post. Click on clip to add a file

 **AMEDEO BRUNI**  
28/07/2022

---

Write something...

 Publish

## WYSIWYG

The text area is equipped with standard WYSIWYG formatting tools. You can paste text formatted by external Open Source and non-OpenSource word processing software, or apply internal formatting as shown below:

### How to Clean Cinder Block

- I. Rinse the cinder blocks with water.
- II. Combine 1 cup of water with 1/2 cup of TSP solution.
- III. Spray the cinder block surface with the TSP solution, wetting it thoroughly. ...
- IV. Scrub the cinder blocks with a stiff-bristled brush

## Home Page Post and Comments

Although apparently they look identical to all the other comments, posts on the home page have additional functionalities.

While writing posts or comments, some special characters are available here to help the user fill in the content

- The character @ to link other users
- The character \$ to obtain the list of products, orders, work orders
- 

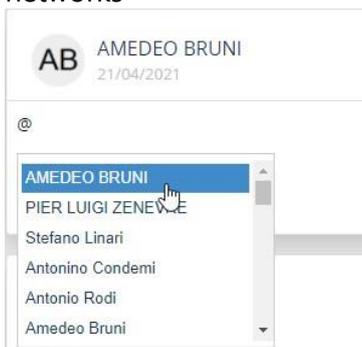
It is possible to comment on a main post or comment on an existing post comment and continue with no limits

## Review and Like



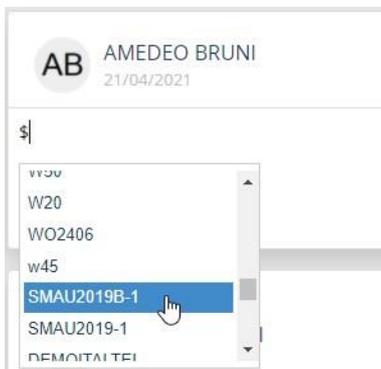
It is possible to **LIKE** comments and posts in the same way you would do on social

networks



## Special Carethers: users notifications, product list

Using special character @ in comments shows the list of user accounts. Selected name will appear in the post as a hyperlink (blue and underlined), the user will be notified and invited to view the comment.



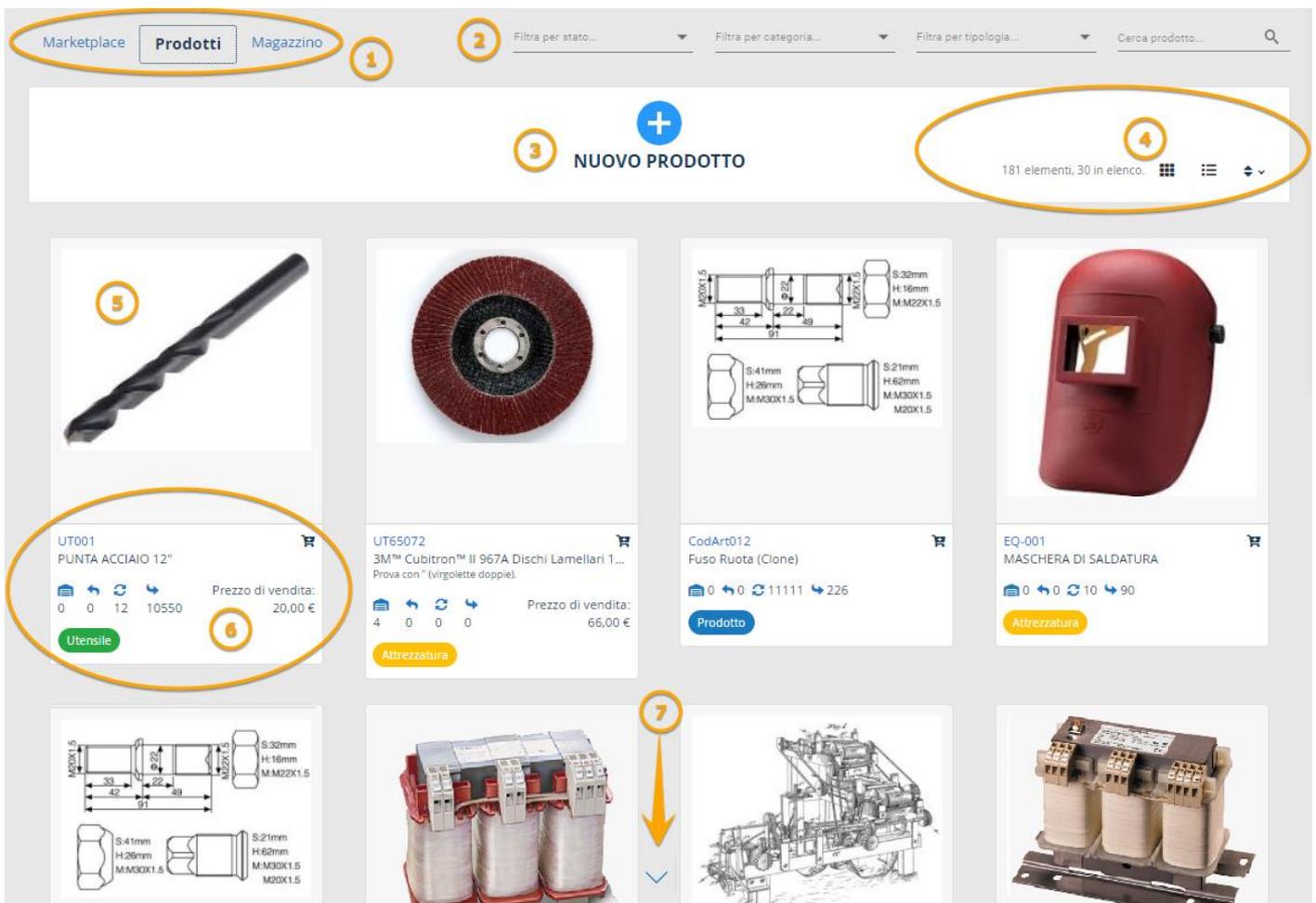
Instead, by typing special character **\$**, the list of company products is shown. Product code and description of selected item will be visualized in the post as well as work order details if any.

## Lists

There are two different lists:

- **Record List** (master data products, customers, users, warehouses, machinery, etc.)
- **Document Lists:** the column grids of accounting and no-accounting documents (customer orders, DDT, quotes, RFQ, etc.)

## Record List - Card View



Regardless of the data listed, the structure is always the same:

- 1 Top from left, **submenus** of the main menu "Products and Services"
- 2 On the right **filters** and **search bars**
- 3 Button to **Add a New Product**
- 4 **Card or table view**
- 5 **Cards** with **image**, usually 4 per row,
- 6 Product **code and name + description**
- 7 **Control button** of the page. Click on it to upload more products.

Usually 30, 32 elements are displayed and once this number has been reached the system automatically stops loading (number may vary). To resume activity and view more products, click on  and the same number of items, or until data is completed, will be displayed.

Each card view has its alternative view in table format. Control panel is located at the top, next to "Add a new product"

181 elementi, 30 in elenco.   

Click on  for card view

Click on  for table view

Both views display the total of records (e.g., 181 elements) and the number listed on the current page (e.g. 30) . The page size for the card view is 30 elements, while 60 are listed with table view.

The button on the far right allows you to control the sorting of the card view. Please note this function is not available in table view as sorting is managed differently.



## Record List – Table view

  
**NEW PRODUCT**  
[NEW PRODUCTS LIST](#) | [NEW BOMS LIST](#)

---

### Detail View

Drag a column header here to group its column

Search    Show selected  Excel Export

Code	Name	Type	Giacenze	Date
<a href="#">P3 Brake Disc</a>	Brake Disc FCA 500	<a href="#">Product</a>	 0  0  10783  10783 	14/07/2020
<a href="#">P6 Piston Rod FCA 500</a>	Piston Rod FCA 500	<a href="#">Product</a>	 0  0  63344  90000 	14/07/2020
<a href="#">P4 Piston</a>	Piston FCA 500	<a href="#">Product</a>	 0  0  22144  105144 	14/07/2020
<a href="#">P1 Cylinder Block V8</a>	Cylinder Block V8	<a href="#">Product</a>	 0  0  5000  10000 	14/07/2020
<a href="#">P2 Crankshaft v8</a>	Crankshaft V8	<a href="#">Product</a>	 0  0  50500  51099 	14/07/2020
<a href="#">P5 Cylinder Head V8</a>	Cylinder Head V8	<a href="#">Product</a>	 0  0  0  0 	14/07/2020

Indications are as follow:

## Document List

	Num.	Stato docu...	Autore	Fornitore	Data docu...	N. mov.	N. qtà	Totale imponibile	Totale lordo
<input type="checkbox"/>	p20210087	In bozza	AMEDEO BRUNI	Poste spa	15.10.2021	0	0	0,00 €	0,00 €
<input type="checkbox"/>	PO20210089	In bozza	AMEDEO BRUNI	abc4	15.10.2021	0	0	0,00 €	0,00 €
<input type="checkbox"/>	p20210086	In bozza	AMEDEO BRUNI	SABRINA	13.10.2021	2	7	0,00 €	0,00 €
<input type="checkbox"/>	p20210085	In bozza	AMEDEO BRUNI	TEST 1 - ALPHA	13.10.2021	2	8	0,00 €	0,00 €
<input type="checkbox"/>	p20210084	In bozza	AMEDEO BRUNI	TEST 1 - ALPHA	13.10.2021	1	1	0,00 €	0,00 €
<input type="checkbox"/>	p20210078	Chiuso	AMEDEO BRUNI	Gli orologiai SNC	13.10.2021	1	5	0,00 €	0,00 €
<input type="checkbox"/>	p20210077	In bozza	AMEDEO BRUNI	I collimatori SpA	13.10.2021	3	5740	6.391,12 €	6.391,12 €
<input type="checkbox"/>	p20210079	In bozza	AMEDEO BRUNI	Sicad S.p.a.	13.10.2021	1	77	385,00 €	385,00 €
<input type="checkbox"/>	p20210080	Confermato	AMEDEO BRUNI	Nuovo nuovo	13.10.2021	0	0	0,00 €	0,00 €
<input type="checkbox"/>	p20210081	In bozza	AMEDEO BRUNI	Tappezzerie SNC	13.10.2021	2	15	39,00 €	39,00 €

1 Top from left, **submenus** of the main menu "Buys"

2 On the right **filters** and **search bars**

3 **List of records**

4 Drop space for column grouping. If you want data to be grouped by a specific category

- click on column header
- drag and drop the mouse in this space.

The grid will automatically adapt to the new arrangement on the basis of the group detected in the values of this column.

E.g.

Click on **N. Mov** column, as we can see data varies between **0, 1 2 e 3**. Result of grouping is as follows:

	Num.	Stato docum...	Autore	Fornitore	Da
N. mov.: 4 - 1 Elemento					
<input type="checkbox"/>	p20210069	In bozza	AMEDEO BRUNI	Nuovo nuovo	
N. mov.: 3 - 2 Elementi					
<input type="checkbox"/>	p20210077	In bozza	AMEDEO BRUNI	I collimatori SpA	
<input type="checkbox"/>	p20210070	In bozza	AMEDEO BRUNI	SABRINA	
N. mov.: 2 - 7 Elementi					
<input type="checkbox"/>	p20210086	In bozza	AMEDEO BRUNI	SABRINA	
<input type="checkbox"/>	p20210085	In bozza	AMEDEO BRUNI	TEST 1 - ALPHA	
<input type="checkbox"/>	p20210081	In bozza	AMEDEO BRUNI	Tappezzerie SNC	
<input type="checkbox"/>	p20210082	In bozza	AMEDEO BRUNI	TECMA S.p.a.	
<input type="checkbox"/>	p20210067	In bozza	AMEDEO BRUNI	Astronews	
<input type="checkbox"/>	p20210061	In bozza	AMEDEO BRUNI	GASTONE	
<input type="checkbox"/>	po20210045	In bozza	AMEDEO BRUNI	A0 S.rl	

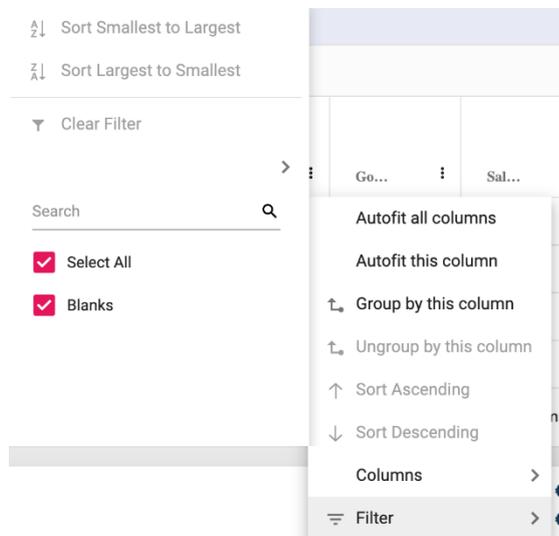
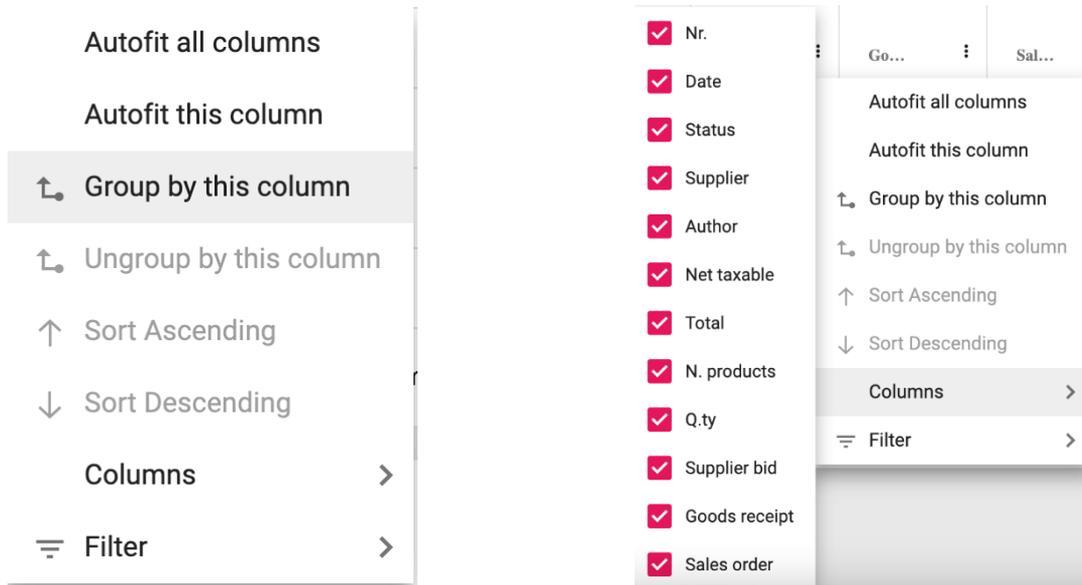
5 Search field between the column between the column on the page

6 Add new document button (here **Acquista**).

7 **Edit** selected document.

8 **Export** grid list to Excel file

9 Grid column. The three-dot menu on the right open submenus as shown:



## Column Sorting

As can be seen from images, the menu opens a list of functions:

- **Sorting**
- **Grouping**
- Column **Alignment**

## Dynamic Filters

The option **Collums** opens a submenu where you can **select or deselect** columns for the grid.

Option **Filter** (third image) opens a submenu where you can apply **advanced restrictions** on the display of data row.

- 10** Current page and pagination. Choose the width of the page by indicating the rows per page.
- 11** Current page, total pages and number of listed items
- 12** Taxable and total amounts if any

## Data Safety and Security

Specific attention has been paid to the protection of corporate data that transit on the Cloud. Our aim is to protect your company from possible attacks that may cause data breaches or disruption to production activities. Our security protocol provides for requests, responses and transactions to operate under the following constraints

## Strong Accounting

**User authentication** takes place with **OAuth2 Token Bearer**, the most advanced and secure with the use of multiple keys that is currently impossible to forge.

## SQL Injection

**Access to data and APIs** follow the very strict rules of Anti SQL Injections: from no input field it is possible to specify update, delete or identity queries.

## Fake Urls

It is no possible to view or download images that are loaded on the pages. The link shown on the browser is actually a token and not real or reachable in Cloud. The attempt to isolate the images by putting URL to the image that is displayed by browsers in the address bar produces **404 page not found**

# 3. Authentication, Login and New User Registration

## New User Registration

To access iProd Cloud follow the link <http://app.iprod.it>



New Users? [Register to the Free!](#)

Welcome to the iProd MOP platform login page!

Enter your ID and Password and access your Digital Workshop! (Press F1 key for help)

USERNAME

info@test.iprod.it

PASSWORD

\*\*\*\*

[Forgotten Password?](#)

LANGUAGE

English

LOG IN

Version: 3.87.2

## Login

If you already registered and created an account, you can **log in** with your **ID and Password**.

When you log in you will be asked if you want to save ID and password.

By saying "YES" you don't have to type log-in information again at each access. If you are using an office or a shared PC which is not protected by password, your information cannot be protected by iProd Safety, Data Protection and privacy system.

You may save iProd log-in information if you access it from a device like **tablet** or **smartphone**.

From this page you can **Log In**, **Reset your password**, **Register as a new user**

## Password Reset

If you want to reset your password, click on "**Forgotten Password**"

-You will be asked for your ID or email address

-Click on "**Forgotten Password**" and follow instructions.

- An email will be sent to the account email address with all the necessary steps to recover your password.

INDIRIZZO EMAIL

---

Inserisci l'id utente (email) di cui recuperare la password

**Please check your email to reset your password.**[INDIETRO](#)[FORGOTTEN PASSW](#)[INDIETRO](#)

## Free Version New User Registration

To sign up to iProd click on "Register to the Free" link

New Users? [Register to the Free!](#)

Fill in the form, here an example of what it looks like.

iProd Cloud FREE is offer to any company, **FOR EVER and WITHOUT LIMITATIONS** on the number of users, machinery or plants managed, catalog products, customer orders, production sites, employees and turnover.

You can immediately create your **Digital Workshop** in the Cloud simply by registering by entering the data in the form.

English	
NAME	LAST NAME
COMPANY NAME	
EMAIL	MOBILE
SELECT YOUR TIME ZONE (UTC+01:00) Amsterdam, Berlin, Bern, Rome, Stockholm, Vienna	
PASSWORD	REPEAT PASSWORD
<input type="checkbox"/> I HEREBY CONFIRM THAT I HAVE READ, UNDERSTOOD AND ACCEPTED THE <a href="#">IPROD TERMS AND CONDITIONS</a>	
<input type="checkbox"/> FOR THE PURPOSES OF ARTICLES 1341 AND 1342 OF THE ITALIAN CIVIL CODE, THE UNDERSIGNED DECLARES TO SPECIFICALLY APPROVE THE FOLLOWING PROVISIONS OF THE ARTICLES OF THE GENERAL CONDITIONS: 4. CONTENUTO E DATI; 5. MODALITÀ DI UTILIZZO DEI SERVIZI IPROD; 6. ACCOUNT; 8. SERVIZI DI TERZI; 9. DISPONIBILITÀ DEI SERVIZI; 10. MODIFICHE ALLE PRESENTI CONDIZIONI; 11. AGGIORNAMENTI DEI SOFTWARE E/O DEI SERVIZI IPROD; 12. LICENZA SOFTWARE; 13. GARANZIA PER IL TABLET IOT; 14. GARANZIA PER IL SOFTWARE; 16. LIMITAZIONE DI RESPONSABILITÀ; 17. CONDIZIONI DI PAGAMENTO; 18. LEGGE APPLICABILE E FORO PER LA RISOLUZIONE DELLE CONTROVERSIE.	
<input type="checkbox"/> AND I CONFIRM THAT I HAVE READ, UNDERSTOOD AND ACCEPTED THE <a href="#">PRIVACY LEGISLATION</a> . AND I AUTHORIZE THE TREATMENT OF MY DATA.	
<input type="checkbox"/> Non sono un robot	

[CONFIRM REGISTRATION](#)

All fields are mandatory except for the telephone number. Once you submit the form, you will receive an email to your inbox to complete the registration and activate your account.

Log in, change your password and it's all set to start your **company digital twin!**

To add more information on your account like logo, photo, telephone number and more, check section 4.3 "Personal Profile"



## 4. Home page

### Navbar Nuova imagine



The **Navbar** (i.e., Navigation Bar) on the top of the page shows buttons that serve as a control point to link you to the main sections on iProd.

- 1** **Logo** iProd. All companies and accounts will have iProd logo
- 2** **Home Page**
- 3** Link to **Client** and **Supplier** database
- 4** Link to **Products**, Marketplace, Phases, Bom, Programs, Materials, consumables
- 5** Link to **purchases** and related ERP document managing (Enterprise Resource Planning)
- 6** Link to **sales** and related ERP document managing
- 7** Link to **Sales Orders** and **Work Orders** in progress. Information available in real time with costs, production timing and resources employed in the production process.
- 8** Link to **Planning** maintenance, activities, Help Desk, Troubleshooting
- 9** Link to **Operator** activities in real time
- 10** **Search bar** for general research
- 11** **Company Logo**
- 12** Connected **User**. By clicking here, you access Settings, Online Guide, Log Out
- 13** Link to Carts: purchase carts are shared within the company with other users
- 14** Link to **Timesheet** – In time and Out Time

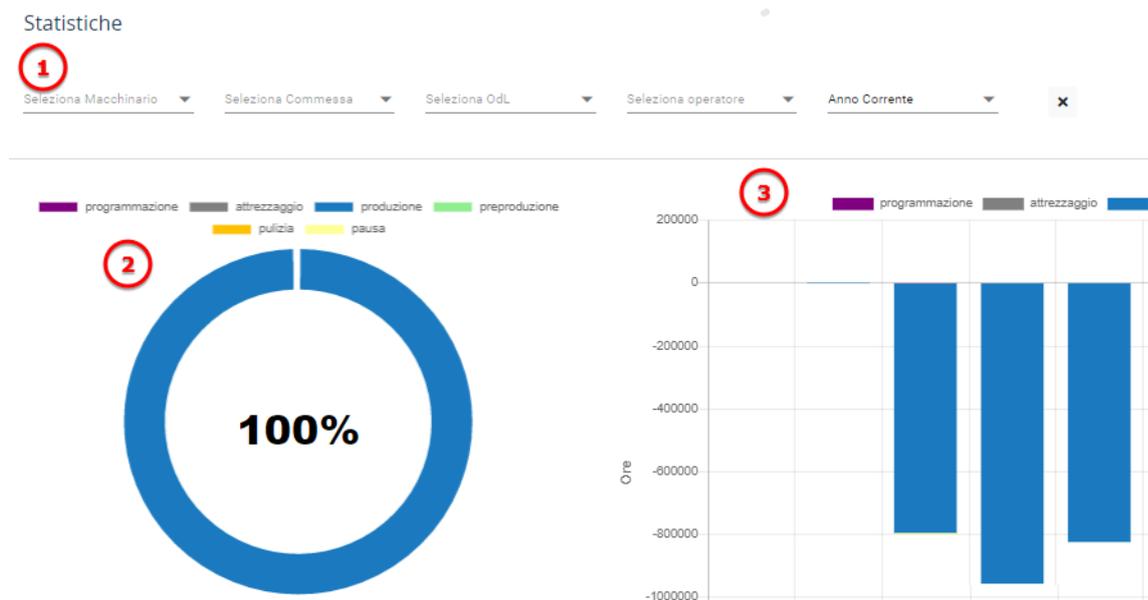
### Home Dashboard

The home page shows the progressive graphical trend of production activities of the entire company. Progressive because collected data can be queried in periods chosen by the user. The default viewing period is the current year.

Information is divided into three categories



- 1) **Statistics**
- 2) Real time **machine monitoring**
- 3) Real time **operator activity monitoring**
- 4) **Post, Comments and attachments** shared by accounts to facilitate communication between different departments of the company



## Statistics

Two charts summarize production activities and you can refine them by using the following filters: 1):

- **Machine**
- **Sales Order**
- **Work Order (WO)**
- **Operator**
- **Date Interval**

Gathered data will include information about production phases status, like

- **Programming**
- **Tooling**
- **Production**
- **Pre-production**
- **Cleaning**

- **Break**
- **Machine Stops**

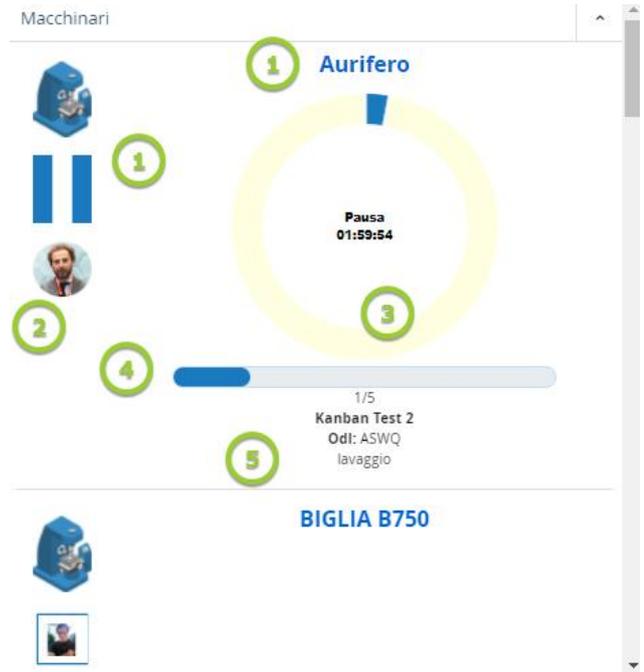
On the left the **pie chart** shows total in % <sup>2</sup>

On the right the **bar chart** shows by month the total number of hours worked <sup>3</sup>

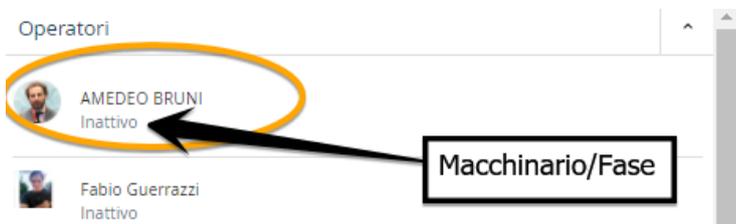
## Real Time Machine Monitoring

- 1) Machine Name
- 2) Operator who is using the machine
- 3) Doughnut Efficiency Chart
- 4) Progress Bar of production (1 of 5)
- 5) Product in progress and work order

Click on machine name <sup>1</sup> and check details of order in progress



## Operator Activity Monitoring



As well as machines, operator list displays their activity or inactivity and workstation/working phases

## 5. Settings

Your profile and your apps

## Your profile and your apps



Amedeo Bruni  
**Super  
 Amministratore**  
 Active

Matricola:

Username/Company Email: **info@test.iprod.it**

Personal Email:

Mobile: **35410649873**

Fiscal Code:

**MDBRN52B74ML**



Access from external applications

Application	Last access
IoT Tablet	7/14/2022 4:51:27 PM
iProdSync	6/30/2022 1:26:56 PM

1 Comments 1 Attachments 2 Templates

Your personal profile shows information like **username**, email, mobile, role and a QR CODE which will facilitate access to **IoT-Tablet** (save it to your phone or simply take a photo of it).

The "Access from external applications" box saves logins from different sources. This helps to protect your account from suspicious access, data breach and other violations.

On the bottom, you can manage [posts](#)

## Editing Personal Profile

To modify information, click on the top right vertical ellipsis  click "Edit" and make the necessary changes to the dialog

Insert/Edit User ✕



User Image (92x92 pixel consigliata)

BROWSE... Or drop files here

Status  
**Active** ▼ Matricola

Name  
**Amedeo**

Last Name  
**Bruni**

Mobile Fiscal Code  
**35410649873** **MDBRN52B74ML**

Username/Company Email  
**info@test.iprod.it**

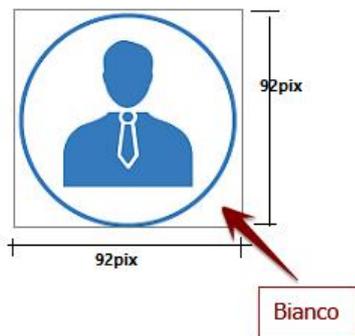
Personal Email

User Type  
**Super Administrator** ▼

User roles ▼

Save

## Profile Image



For the choice of the image it is advisable to prepare it first with the characteristics listed below

- Diameter 92pixel
- Your photo to fit inside the circle
- White background outside the circle (not transparent)

## Settings

Manage setting and customize your digital company

<b>Company Profile</b>
 Company Profile
<b>Your transactions fee</b>
 Your transactions fee
<b>Users</b>
 Users List
<b>Users authorizations</b>
 Permissions List
<b>Machines</b>
 Machines List
<b>Warehouses</b>
 Warehouses List
<b>Categories</b>
 Categories
<b>Orders to iProd</b>
 <b>Your Orders to iProd</b>
<b>Sales Order Export</b>
 Download
<b>Staff management</b>
 Staff documents
<b>Templates</b>
 Documental templates
<b>Log</b>
 Events Log
<b>Advanced</b>
 Advanced settings

**Company Profile**, information and logo

**User list**, accounts created by administrator or sign-up page

**Machine List**

**Warehouse List**

**Permission List** to authorize users to read and/or write across the platform

**Categories** to group **posts** (Programs, Quality check etc.)

**Your Orders** with iProd

**Download** your **sales orders**

Staff documents: **Employee Paychecks**

Documental Templates: create **Your Templates** to produce documents and reports or use our **predefined templates** and customize them according to your needs.

**Event Log**, messages and notifications generated by iProd

**Advanced Settings**, refresh cache, backup, history and reset stock

# Company Profile

The screenshot shows the 'Company Profile' page in the iProd system. The top navigation bar includes the iProd logo, a search bar, and user initials 'AB'. The main content area is divided into a left sidebar and a main form. The sidebar lists various menu items: Company Profile, Your transactions fee, Users, Machines, Warehouses, Categories, Orders to iProd, Sales Order Export, Staff management, and Templates. The main form contains the following fields:

- Enter the Company Profile Name: **iProd System SRL**
- Enter the Company VAT Number: **BRNMDA78E30H501K3333**
- Company Logo: **iProd** (with a red arrow pointing to the top navigation bar logo)
- Enter the Company Legal Name: **SRL**
- Staff hourly average rate €: **40.00**

From this page you can fill in information about your company.

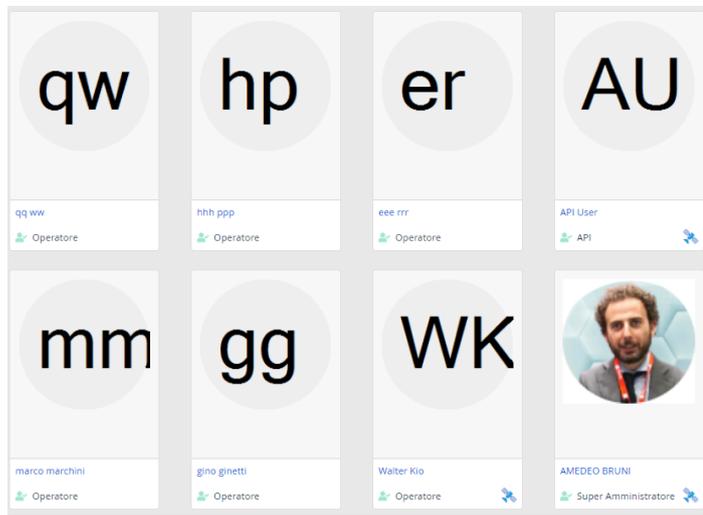
**Please note this page is the same for all company accounts, therefore all users will see it.** For this reason, it is recommendable that only one person has the authority to edit this form. Permissions can be managed by administrators from "Permission List" menu.

Logo images can have either a white or transparent background.

**The staff hourly average rate** refers to the cost per hour in average of employees in production.

Click **Save** to send information to the server or just change page if you do not want to save data.

## Users List



The account list shows company staff and their roles. Click on username to see details and edit if necessary (see chap. 5.1). Administrators can disable, enable or delete from the system.

## Machine List



In this section you can manage your workshop machines. Click on the machine name to see details



**BIGLIA B750**

Purchase Date: 01/01/1990

Serial/Part Number:

Brand:

Model:

Code:

Linked marketplace machine:

Spare parts monthly budget: € 0

Working Hours per Day: 8 (from 08:00 to 16:00)

Working Cost per Hour: € 0

	When the machine is in production	When the machine is offline
Go on pause after (reason) *		
Stop processing after *		

\* Times denote minutes of inactivity

Comments Attachments Templates <sup>2</sup>

To close this card and go back to the list, click on  symbol on the top right on it

To edit click on vertical ellipsis 

Machine information form to insert/update information

Insert/Edit Machine ✕

**GENERAL DATA** BEHAVIOR SPARES STATES

Machine Name \*  Purchase Date (dd/mm/yyyy)

Serial/Part Number  Brand

Model  Code

Connect machine from marketplace

Notes

**Save**

## Warehouse List

List of company warehouses

 Amedeo's Warehouse	 Giuditta's Warehouse	 Magazzino cella-frigorifero	 Magazzino MMM
Amedeo's Warehouse 001	Giuditta's Warehouse GDTWH	Magazzino cella-frigorifero Cod-mag-1	Magazzino MMM MMM
 Star's Warehouse	 Sabrina's Warehouse	 MANGINI	 cache maga 1
Star's Warehouse 77	Sabrina's Warehouse	MANGINI ZB	cache maga 1 cache maga 1

## Stock

The current stock of each item is shown multiple times throughout the platform: sales orders, work orders, product records. They can be recognized by these symbols  200  0  32  92



**Stock:** Number of pieces available in stock at the moment



**Incoming goods:** Number of items which have a purchase order but have not yet arrived



**WIP. In progress:** Number of items in production with a work order issued.



**Outgoing goods.** Number of items which have a sales order issued and not yet shipped (no confirmed delivery notes or transportation documents)

E.g.

WIP n.32,

Outgoing goods n.92

This means that n.92 products have been ordered and n.32 are either in production or ready to be delivered.

To check stock, click on the name and list shown in the image below will appear. From here you can check **warehouse stocks, quantities** being **ordered** and **goods received**. Values on this page come from loading/unloading documents issued by accounting department and production execution, therefore information can only be seen and cannot be modified.

Codice: MAG-1



Nome: My safe Warehouse

Trascina qui un'intestazione di colonna per raggruppare la sua colonna

Ricerca

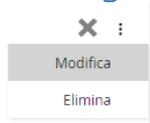


<input type="checkbox"/>	Codice	Descrizione	U.M.	Quant			Magazzino
				Attuale	In ord.	In arr.	
<input type="checkbox"/>	EQ21-001	MANDRINO	pz	200	0	0	My safe Warehouse
<input type="checkbox"/>	RR-11902 -	ASPIRAZIONE TNT ORIGINALE 50 ZIP 2T 1994-1996		176	0	0	My safe Warehouse
<input type="checkbox"/>	UT65072	3M™ Cubitron™ II 967A Dischi Lamellari 115 nr 60+ PN 65052 conf.10	pz	4	0	0	My safe Warehouse
<input type="checkbox"/>	ALC5LT	Alcool etilico 90° Multichimica 5 lt.		104	0	0	My safe Warehouse
<input type="checkbox"/>	178727	ASPIRAZIONE PIAGGIK		3	0	0	My safe Warehouse
<input type="checkbox"/>	Kanban2	Kanban Test 2	pz	3	0	0	My safe Warehouse
<input type="checkbox"/>	TES<T>COI	ARTICOLOTEST	PZ	0	0	0	My safe Warehouse
<input type="checkbox"/>	001-001	001 TEST DA AMMINISTRATORE	PZ	0	0	0	My safe Warehouse
<input type="checkbox"/>	1MFD523	Furgoni	PZ	18	0	0	My safe Warehouse

10 oggetti per pagina      Pagina 1 di 1 pagine (9 elementi)

3 Commenti    1 Allegati    33 Documenti

## Adding/Editing Warehouse



Click on the three dots on the top right to add or edit information

### Add/Edit Warehouse

Code

Name

Type

Save

Fill in the form with:

- **Code** (mandatory)
- **Name** (mandatory)
- **Type** (Internal or External)

## Deleting Warehouse

To eliminate a warehouse click on vertical ellipsis (top right) and select "Delete", confirm your choice by pressing "OK"

## Permission List

Permissions list	Read	Write
+ PIER LUIGI ZENEVRE	<input type="checkbox"/>	<input type="checkbox"/>
+ Stefano Linari	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Home Page	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Companies	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Contacts	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Marketplace	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Products	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

User rights assignment page is accessible only by users with a **SUPER ADMINISTRATOR** role who can assign or downgrade permissions to other users.

The list shows all users in the system alongside the checkbox to enable/disable reading and writing rights.

Click on  to expand **iProd** submenus

Pages that can be enabled/disabled:

Home Page	Companies	Contacts	Marketplace
Products	Stocks	Request For Quote	Production
Inventories	Good Receipts	Purchase Orders	Quotes
Shipments	Orders [Sales]	Sales Orders [In execution]	Work Orders
Machines	Planning	Operator Activity	Settings
Company Profile	User list	Machine List	Warehouse list
Permission List	Categories	Economic Data	Paychecks
Your Templates	Predefined Templates	Post	Programs
Change Document Status			

## Categories.

Categories serve as **comment groups**. In the example below we can see *Unassigned and Quality control*. Categories will be seen as tabs at the bottom of record page and can be customized except for default category Unassigned (or Generic) and Part Program to manage programs in BOM. These two groups can neither be deleted nor modified.



UNASSIGNED <sup>2</sup>

CATEGORIA DI PROVA

QUALITY CONTROL

## Your Orders.

Page set by default when you access "Settings". Check your **orders and subscription**

The screenshot displays a dashboard with two donut charts at the top. The first chart, labeled '1', shows 'Spazio in Cloud rimanente' at 100%. The second chart, labeled '2', shows 'Ordini di Lavoro in Cloud rimanenti' at 96%. Below these are progress bars: 'Spazio rimanente: 63219,71Mb' and 'Ordini di Lavoro rimanenti: 1992'. A section labeled '3' contains 'Dati Fatturazione' with a dropdown arrow labeled '8'. Below this is a purchase section with 'Acquista Ordini di Lavoro:' (labeled '4'), a dropdown menu showing '100 Odl - 200€', a 'Codice sconto:' field (labeled '5'), and a 'Totale: 200,00€ + Iva' (labeled '6'). A 'Paga adesso' button and payment logos are also visible. At the bottom, a table (labeled '7') lists order details.

Ordine #	Data	Autore	Valore	Stato
g20210034	26/03/2020	AMEDEO BRUNI	244,00 €	Completato

- 1 Remaining Cloud Space, it is the available space on virtual disk and it depends on your subscription
- 2 Work Orders in % and number you have left
- 3 Billing Information. Click on spin on the right 8 to expand.

SRL \_\_\_\_\_

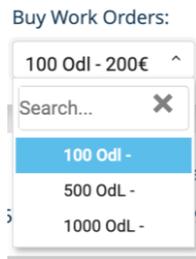
BRNMDA78E30H501K33333 \_\_\_\_\_

Country  
Italy \_\_\_\_\_

Address  
Via Gaetano Malasoma, 26  
56121 Pisa \_\_\_\_\_

Billing Information \_\_\_\_\_

Data input on this form will be used as header on **ERP documents**. By default, information is taken from **Company Profile** but it is possible to bring any change in case legal address differs from it.



**4** Type of **subscription**.



Click on  symbol for more information

**5** PayPal **Discount** Code, **amount** to be deducted

**6** **Pay Now** button, link to **PayPal** to complete payment transaction

**7** List of your orders

## iProd Versions

	Cloud FREE	Cloud Professional	IoT Tablet
	<b>Free</b> <small>forever</small>	<b>€ 2,00</b> <small>new Work Order</small>	<b>€ 6.000</b>
	create your digital workshop in cloud	complete cloud management of your workshop	unite machine and operators to your workshop in the cloud
<b>Work Orders</b>	100 new Work Orders every year	<b>Unlimited</b> Work Orders every year	100 Work Orders every year FOREVER
<b>Storage</b>	2 Gb every 100 Work Orders	3 Gb every 100 Work Orders	3 Gb every 100 Work Orders
<b>IoT data exchange</b>	●	IoT data exchange with machines through iProd IoT Tablet	●
<b>API for PMS</b>	●	●	●
<b>Industrial Tablet</b>	●	●	●
<b>Hyper-amortization</b>	●	●	●
	Optimize production, via web: planning, part-programming and recipes, documentation and real time manufactured pieces for each workstation	The infinite potential of iProd Cloud Professional is provided, with no limits, by purchasing necessary Cloud resources to carry out the production management activities of your Digital Company (Valid for 12 months)	iProd IoT Tablet, created in close collaboration with the software house Alleantia, allows you to interconnect in a plug & play mode, machineries, operators and managers with the Cloud in a 4.0 key

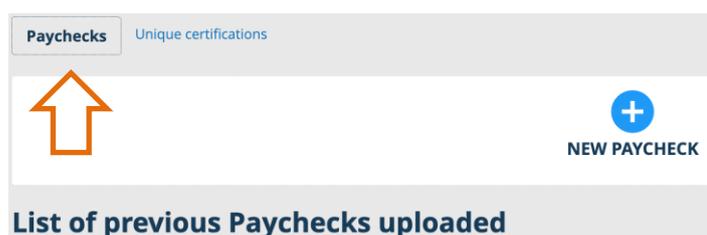
## Download

This function produces Sales Order Reports on a spreadsheet

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	ID	SC	CREATIONDATE	STATUS	CLIENT	CUSTOMERid	ITEMid	S	S	S	SOdelivryDATE	WOid	WOcode	W	ENDINGdate	ACTUALendingDATE
2	5ec809da87cc8021a83063d1	0	22/05/2020 17:20:26	OPEN	bella ciao	5e954e327df92a42e033c305	5ec8085587cc8021a83063ce	23	23	24/06/2020 22:00:00	611a35b9780a7363240cb1b0	asasasasa	23	23	24/06/2020 22:00:00	26/05/2022 11:58:00
3	5ec809da87cc8021a83063d1	0	22/05/2020 17:20:26	OPEN	bella ciao	5e954e327df92a42e033c305	5ec8085587cc8021a83063ce	23	20	24/06/2020 22:00:00	5ec80b0f87cc8021a83063d5	Casa Amedeo	9	43	24/06/2020 22:00:00	26/05/2022 11:58:00
4	5ec809da87cc8021a83063d1	0	22/05/2020 17:20:26	OPEN	bella ciao	5e954e327df92a42e033c305	5ec8085587cc8021a83063ce	23	11	24/06/2020 22:00:00	5ec80afb87cc8021a83063d3	Casa Stefano	1	54	24/06/2020 22:00:00	26/05/2022 11:58:00
5	611252325a629694416fd999	0001	10/08/2021 10:17:22	OPEN	fabio2 bis	608bf8ac0c481c9112734e1b	6012c5cf9102b9915e521636	10	0	19/08/2021 22:00:00	6116277c997f39d146d4fca2	LLLLSSDDDD	1	1	19/08/2021 22:00:00	26/05/2022 11:58:00
6	611252325a629694416fd999	0001	10/08/2021 10:17:22	OPEN	fabio2 bis	608bf8ac0c481c9112734e1b	6012c5cf9102b9915e521636	10	0	19/08/2021 22:00:00	6116277c997f39d146d4fca2	LLLLSSDDDD	1	1	19/08/2021 22:00:00	26/05/2022 11:58:00
7	611252325a629694416fd999	0001	10/08/2021 10:17:22	OPEN	fabio2 bis	608bf8ac0c481c9112734e1b	6012c5cf9102b9915e521636	10	1	19/08/2021 22:00:00	6116277c997f39d146d4fca2	LLLLSSDDDD	1	1	19/08/2021 22:00:00	26/05/2022 11:58:00
8	611252325a629694416fd999	0001	10/08/2021 10:17:22	OPEN	fabio2 bis	608bf8ac0c481c9112734e1b	6012c5cf9102b9915e521636	10	6	19/08/2021 22:00:00	6116277c997f39d146d4fca2	LLLLSSDDDD	1	6	19/08/2021 22:00:00	26/05/2022 11:58:00

## Employee Documents: Pay Checks

With this function it is possible to send payrolls and Unique Certifications to your employees



By clicking on NEW PAYCHECK, you will be asked for the file containing all pay slips

# Upload Paychecks

Select file:

Upload

## Your Templates

iProd Editor, professional editing tool, to manage your documents.  
See Chap. 14 Creating Document Template.

## Reports

On the documentary template page there are also available reports:

Company Profile

- Company Profile
- Your transactions fee
- Your transactions fee

Users

- Users List
- Users authorizations
- Permissions List

Machines

- Machines List

Warehouses

- Warehouses List

Categories

- Categories

Orders to iProd

- Your Orders to iProd

Sales Order Export

- Download

Staff management

- Staff documents

Templates

- Documental templates**

Log

- Events Log

Advanced

Your templates **Predefined templates**

Modalità sviluppo: La pagina corrente ha comportamenti diversi a seconda se si sta eseguendo l'applicazione all'interno di Visual Studio o dal Cloud Azure. la funzione UT.IsInIDE() restituisce true se nell'IDE o meno. In sviluppo vengono mostrati i modelli LABEL e INVOICE, mentre a regime no. Inoltre, solo in modalità IDE è presente il button MODIFICA per la gestione del docx. A regime anche questo testo che stai leggendo è nascosto. NB!!! ABILITARE LE FATTURE QUANDO SARA' PUBBLICATO IL CODICE CORRISPONDENTE

### Predefined templates

Filter by type

Listed 25 reports, 21 as templates, 4 cloned for changes

**Entrata merce**  
ENTRATA MERCE  
09/03/22 11:12, 29/04/22 13:14, (Vers.2)



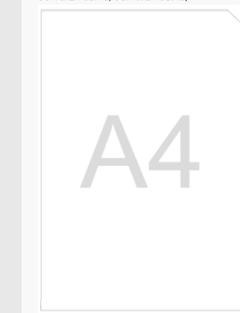
CLONE

**goodsreceipts**  
GOODS RECEIPTS  
26/04/22 16:49, 29/04/22 12:15, (Vers.2)



CLONE

**DDT**  
DDT di stampa  
06/10/21 08:48, 06/10/21 08:48,



EDIT DELETE CLONE

**DDT**  
D.D.T.  
09/03/22 11:11, 29/04/22 12:18, (Vers.13)



CLONE  
AMEDEO BRUNI

From this page you can create your **ERP document print templates**

The basic configuration, existing from the first access to the platform, includes **8 basic models**

**Entrata merce (di Sistema)**



Mod STAMPA EM-V1 Entrata Merce  
25/02/22 13:15, 25/02/22 13:28, (Vers.1)

**DDT (di Sistema)**



DDT-V10  
10/08/21 09:37, 24/02/22 17:54, (Vers.10)

**Inventario (di Sistema)**



Mod STAMPA Inventario INV-V1  
25/02/22 13:30, 25/02/22 13:30, (Vers.1)

Dichiarazione di Produzione (di Sistema)

Mod STAMPA Dichiarazione Produzione DP-V1  
25/02/22 13:27, 25/02/22 13:27, (Vers.1)

Ordine di Acquisto (di Sistema)

PO-V12  
05/08/21 15:01, 24/02/22 11:29, (Vers.12)

Preventivo (di Sistema)

QUOTE-V8d  
28/09/21 13:56, 24/02/22 10:17, (Vers.8)

Offerta fornitore (di Sistema)

RFQ-V4a - stampe  
30/08/21 14:51, 25/02/22 16:21, (Vers.4)

Commessa (di Sistema)

ReportCommessa v16  
09/08/21 13:40, 23/02/22 09:53, (Vers.16)

On these models only the **Clone** action is allowed. By clicking on **Clone**, a copy of the predefined model will be created and you can customize it.

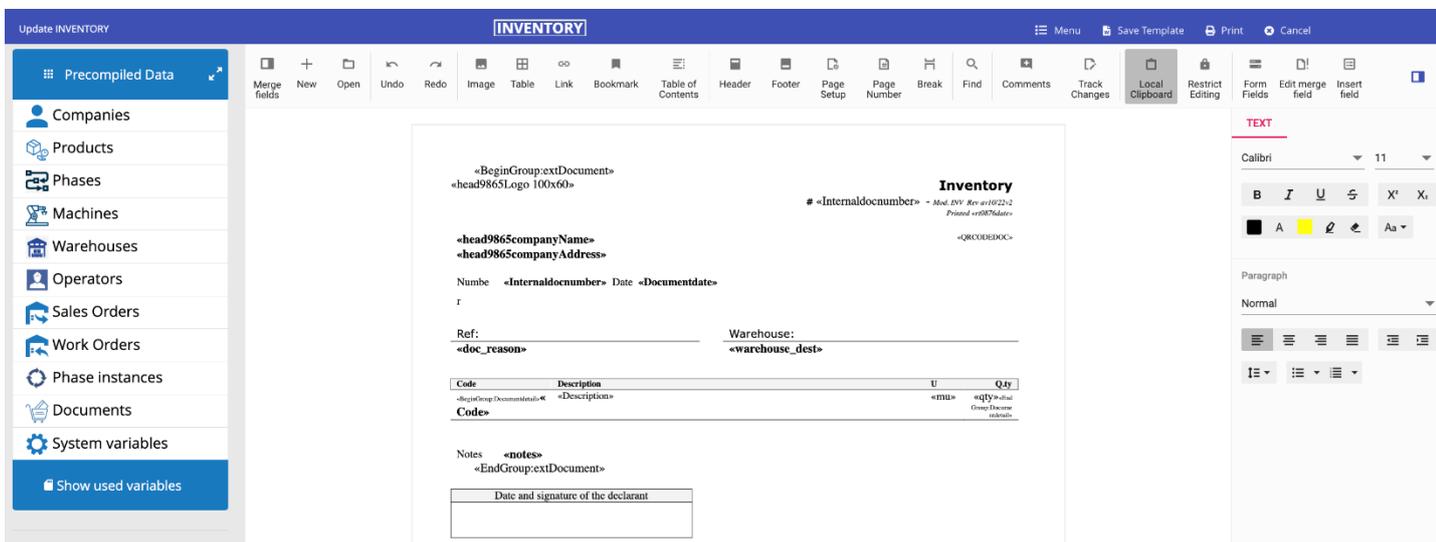
Basic models are labelled "System Models" on preview header and they have a different **color footer**.

Basic models are not editable and cannot be deleted.  
Your model, instead, are editable, can be duplicated and deleted.

### Custom Templates

- Click on **Clone** on model you want to customize.

Template is leaded into **iProd Editor** where each part of the document can be modified and adapted to different needs



To use **iProEditor** refer to Chap. 14. *Creating document templates*

- We recommend to change name as well to better identify the document among the others. Once you finished your changes, click on **Save**
- A new template has been created leaving the original ne unaltered.

### Versioning of print templates.

Each base model has its own reference version which may vary over time (in case of system updates) New format releases will be increased by 10 to 10 in order to avoid collisions with other versions created by users and every time a template is duplicated, the system automatically increases the version index by 1

Ad example, if predefined Inventory document is version 4, a new model derived from it will automatically be version 5 and so on for subsequent ones.

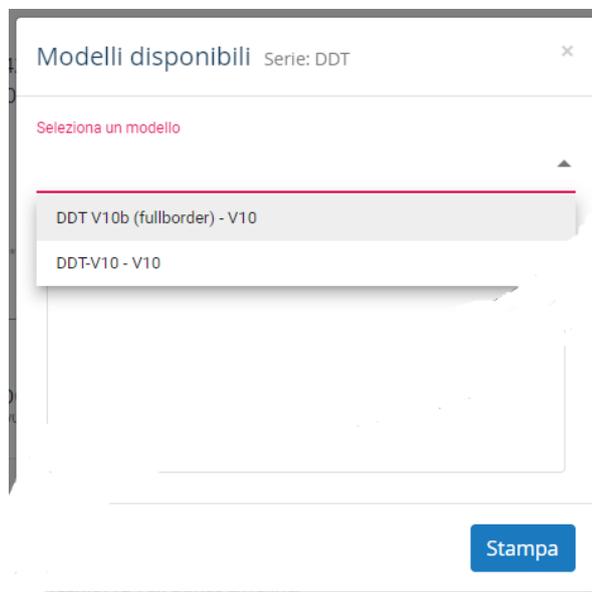
Version is visible next to Edit command

### Deleting Templates

To delete a custom template, click the Delete button at the bottom of the preview. The command is not available on the predefined model as they are neither editable nor cancelable. A popup message will ask to confirm your choice and once the element has been cancelled, it will no longer be available.

### Selecting and Printing Templates

Select the ERP document you want to print:



In the image above there are two documents: one predefined and the other one has been personalized. Selecting the document, you want to print, confirm preview through iProd Editor



## Event Log

From this page you can check the error message or notifications that iProd stores during activities.

Log Eventi						
<a href="#">Riduzione errori</a>						
217 on page, 575 total						
Trascina qui un'intestazione di colonna per raggruppare la sua colonna						
Ricerca <input type="text"/>						
<input type="checkbox"/> Elimina selezione <input type="checkbox"/> Esporta su Excel						
<input type="checkbox"/>	Tipic	Data	Contesto	Autore	Descrizione Evento	Altro..
<input type="checkbox"/>	INF	26.04.2022 13:45:20	Update Template(3)	AMEDEO BRUNI	EN-REQUEST FOR QUOTE	62349792806f007 82be03372
<input type="checkbox"/>	INF	26.04.2022 13:45:05	Update Template(4)	AMEDEO BRUNI	OFFERTA FORNITORE	612cf0704c2f46a 29c3b600f
<input type="checkbox"/>	INF	26.04.2022 13:44:49	Update Template(3)	AMEDEO BRUNI	EN-QUOTATION	62347a926d47ee d1e04abf96
<input type="checkbox"/>	INF	26.04.2022 13:44:31	Update Template(2)	AMEDEO BRUNI	PREVENTIVO	61531f00f10a69e f05ef4a73
<input type="checkbox"/>	ERR	26.04.2022 12:54:47	Errore	AMEDEO BRUNI	Object reference not set to an instance of an object.	Persistent.getSession(claim)
<input type="checkbox"/>	INF	26.04.2022 12:21:53	Sign In(195)	AMEDEO BRUNI	Logged in User info@iprod.it for iProd srl	remote ip: 85.41.103.236
<input type="checkbox"/>	DEL	22.04.2022 16:07:33	Machine Delete	AMEDEO BRUNI	fsfsfaf	6262b623200b40 787c146aea
<input type="checkbox"/>	ERR	22.04.2022 10:19:08	Errore(2)	Fabio Franceschini	Object reference not set to an instance of an object.	PhaseInstance.cs html

Messages are divided into information , cancellation  or error 

Information messages contain new entries, updates, logins, logout, connect and disconnect elements. Cancellation messages highlight everything that has been requested to be cancelled. Error messages are those of greater interest as they allow you to monitor the good functioning of your activities,

## Event Grouping

As we can see in the image, some messages contain a number enclosed in brackets [Sign In\(195\)](#). It is clickable and leads to another detail page where all messages of the same type are listed (in this case 195 elements on Sign In)

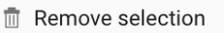
That means, messages of the same type are not repeated but grouped separately

## Deleting Event messages

It is recommendable to periodically check stored messages and delete the oldest ones and errors that may have generated thousands of lines.

To keep order, a button has been created to reduce error  messages. Everything will be deleted, only the most recent messages will be kept.

You can cancel a single record, or more, by selecting a message and clicking on “remove selection”

 . All ticket messages will be deleted.

## Advanced Settings

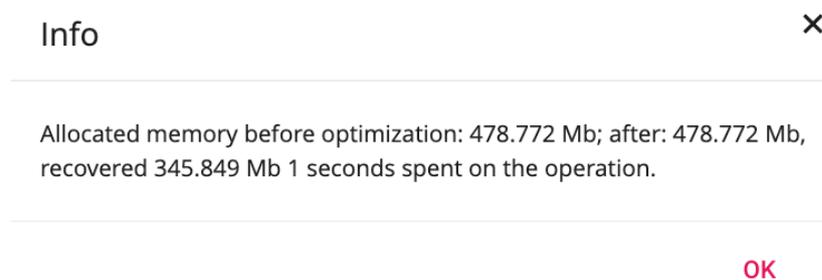


### Refreshing Cache

Although storing pages to the browsers caches makes loading pages faster, it can mean that changes made to the pages made to the platform aren't always visible until you perform a hard refresh. Use "**Refresh Cache**" for any outlier data

We recommend refreshing cache at least once a week to repair some abnormal data situations, even if you do not notice any anomaly and to **compact the memory on the server** for a better performance.

As we can see from image below, before optimization **478.772 Mb** of RAM was occupied with a space recovery of **345.849 Mb** after refreshing cache.



### Stock Resetting

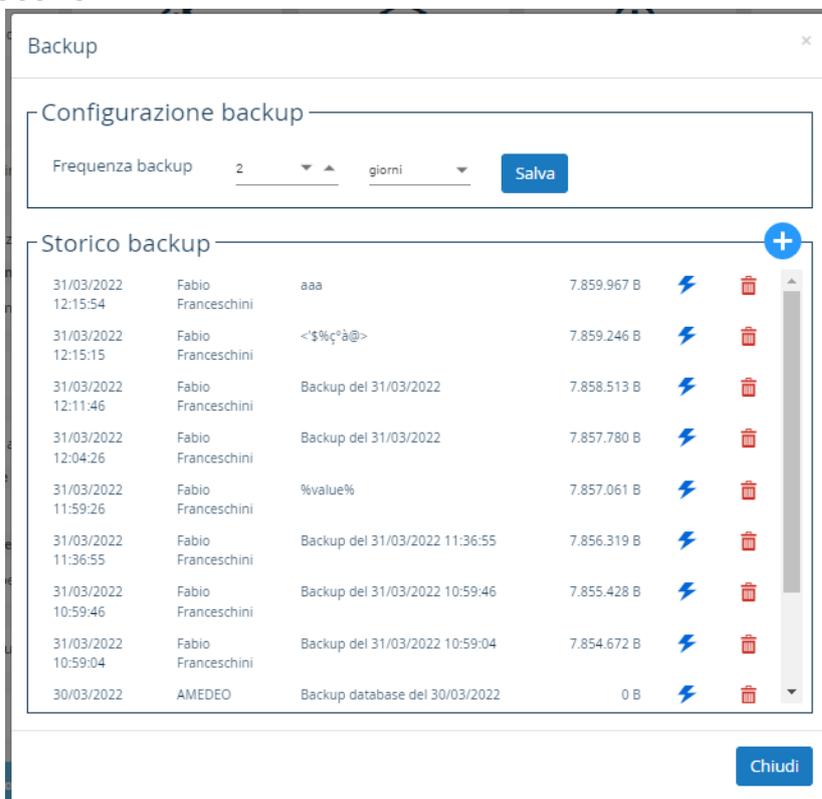
This service, in Cloud, calculates and aligns warehouse stocks and they will be updated to the latest loading or unloading documents produced on the system.

### History of changes

This function is the same as described on all entry forms (customer, products, orders, documents, etc.) and it works in the same way,

The only difference is, from here you have a global view of all records and you can see all **INS/DEL/UPD/LINK/UNLINK** activities.

## Backup and Recover



From this popup you can figure the frequency of saving data on iProd automatically.

In addition to automatic backup, it is possible to set another backup by clicking on  button.  
New backup 

---

**Backup name**  
Backup of 7/29/2022

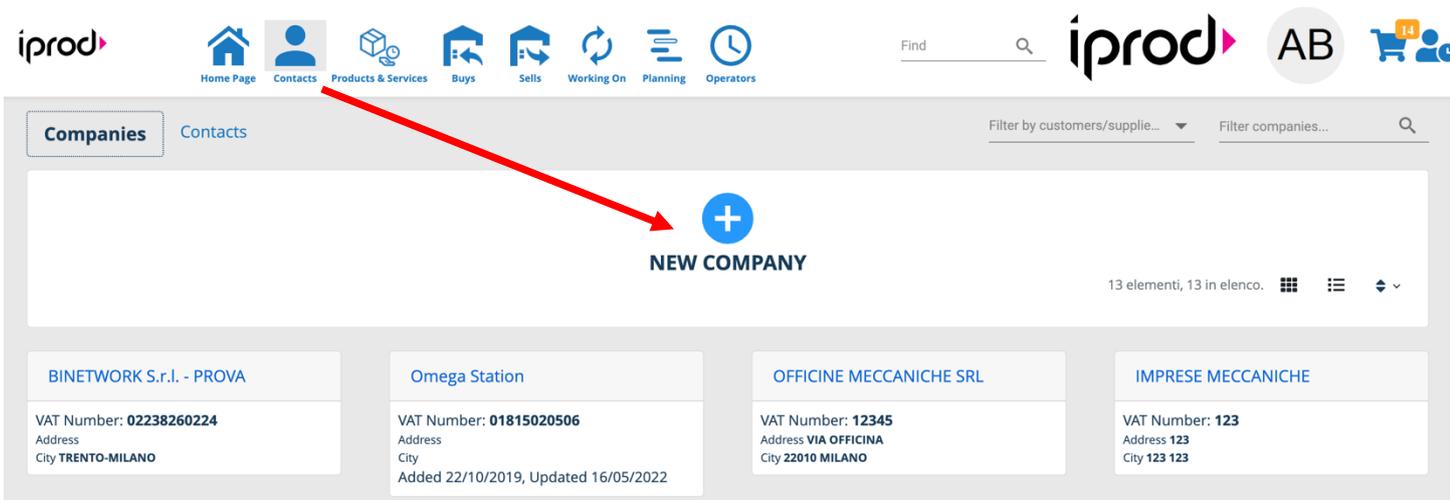
---

OK CANCEL

To restore data to a given backup, click on the blue lightning symbol . An email will be sent to the person who created the backup with instructions. The red bin symbols  deletes an element from the list.

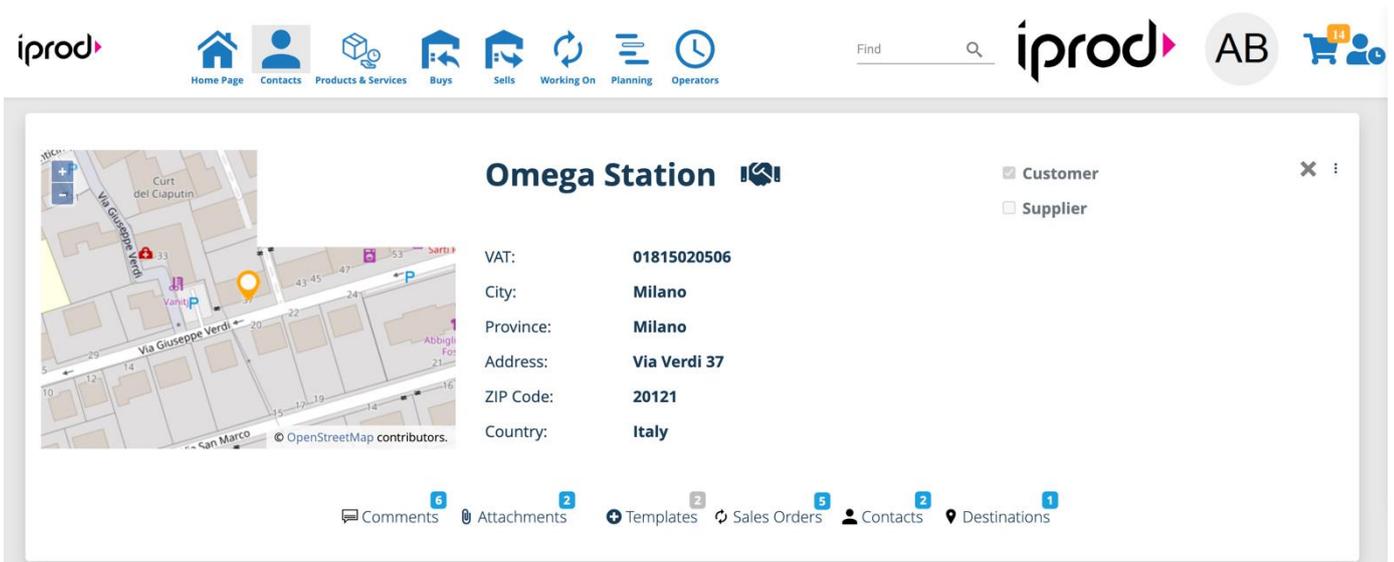
# 6. Customers and Suppliers

## Customer and Supplier List

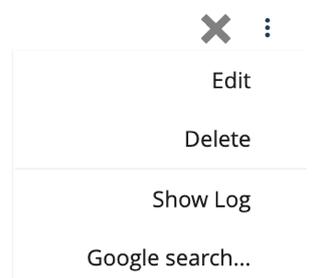


## Record View

Click on "Company name" to see company's details:



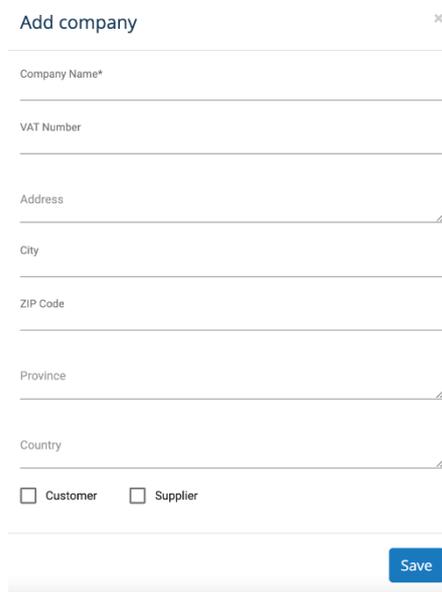
- VAT number
- Geolocation on **Google Maps**
- Address
- Tick "Customer", "Supplier" or both
- Click on vertical ellipsis to edit, delete the record, show log or search the company on Google



The  symbol tells that customer or supplier is a contact of another iProD user

## Adding Customers or Suppliers

- Click on  **NEW COMPANY** to add a new company



- Input relevant data and press "Save" (only company name is mandatory)

## Editing

- Click on three dots on the top right on the page and select "**Edit**"

You can now change data from the popup window

## Deleting

- Click on the three dots situated on the top right and choose "**Delete**"

A popup window will ask to confirm your choice, by clicking "YES" the record will disappear from company list but it is not going to be cancelled from iProD memory.

Both "Editing" and "Deleting" do not apply if a document has been issued and it is linked to the company. For e.g. If we cancel a client to whom we previously sent a quotation, there will always be record of that client and it will always exists. Therefore, in this case by "deleting" it means that item is not available and cannot be selected anymore

# Available Functions

On the bottom you can manage different activities like:

## Comments and Attachments

See Chap 2.8 "Comments, Attachments and Documents".

## Contacts

NEW CONTACT						
GB	Giovanni Becattini Omega Station	<a href="mailto:g.becattini@iprod.it">g.becattini@iprod.it</a>	Mobile: 365 1299734	Company number:	Company role: Operation Manager	Notes:
TT	TEST2 TESTCOGNOME Omega Station	<a href="mailto:amedeo.bruni@iprod.it">amedeo.bruni@iprod.it</a>	Mobile:	Company number:	Company role:	Notes:

- Clicking on **Contacts** a list of contacts of the company currently on display
- To add a new contact, click on **+ New Contact**
- To edit click on three dots on the top right on the card **Edit**, a dialog will pop up like in photo

Edit contact

Name\*  
Giovanni

Last name\*  
Becattini

Email  
[g.becattini@iprod.it](mailto:g.becattini@iprod.it)

Mobile phone  
365 1299734

Company  
Omega Station

Company phone

Company role  
Operation Manager

Notes

Photo

BROWSE... Or drop files here

Save

Name\*

Required field

- Field with \* like **Name** and **Surname** are mandatory



### NEW CONTACT

- To add a **new contact**, a new dialog with empty field will pop up.
- To delete a contact, click on vertical ellipses situated on the top right of the window and select **"Delete"**. A message will ask to confirm your choice and successively it will be marked as **deleted**. From now on, this contact is not going to be visible or available for selection but related issued documents will be valid. See *Chap. 5.9 Deleting a record*.

## Different or alternative destinations

Comments
 Attachments
 Templates
 Sales Orders
 Contacts
 Destinations



### NEW DESTINATION

Company	Address	City	Zip	Notes
Omega Station Omega Station	Via Verdi 15	Milano		

It is possible to associate different addresses or locations to the same company, for example, billing address for invoice and delivery to another.

To add a new location, click on **New Destination** and the information form will appear to be completed.

Add destination ×

---

Name\*

Address\*

City

Zip

Country

Notes

Destination name and address are the only mandatory fields.

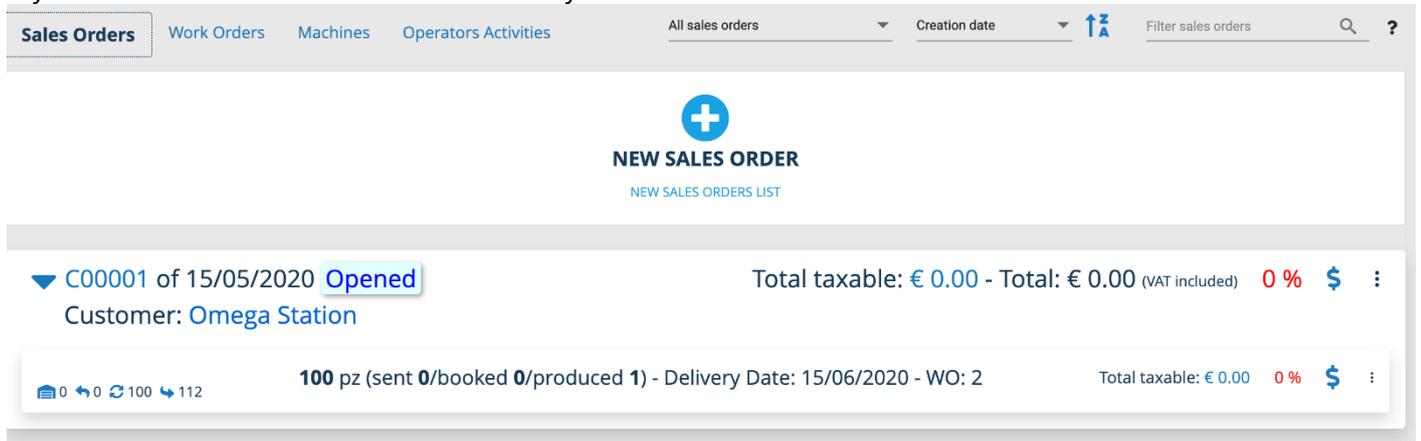
To **edit** click on the three dots at the top right → **Edit**

To **delete** a destination, click on the three dots at the top right → **Delete**. Confirmation will be asked, after that the record will be tagged as **deleted**. From this moment onwards this element cannot be used or available for selection but all linked documents and data to this destination will remain valid.

## Customer Orders

You can view orders related to the company by clicking on **sales orders**. As we can see from the photo, there is a notification of an order in progress. 

If you click on **Sales Orders** iProd will take you to all customer orders



The screenshot shows the 'Sales Orders' section of the iProd interface. At the top, there is a navigation bar with tabs for 'Sales Orders', 'Work Orders', 'Machines', and 'Operators Activities'. The 'Sales Orders' tab is active. To the right of the tabs, there are filters for 'All sales orders', 'Creation date', and a search bar labeled 'Filter sales orders'. Below the navigation bar, there is a large blue plus sign icon with the text 'NEW SALES ORDER' and a link to 'NEW SALES ORDERS LIST'. Below this, there is a list of sales orders. The first order is 'C00001 of 15/05/2020' with a status of 'Opened' and a customer of 'Omega Station'. The total taxable amount is € 0.00 and the total amount is € 0.00 (VAT included) at 0% tax. Below the order details, there is a summary row showing '100 pz (sent 0/booked 0/produced 1) - Delivery Date: 15/06/2020 - WO: 2' with a total taxable amount of € 0.00 at 0% tax.

## 7. Phases

The first thing is necessary to assign phases and set their information.

In **iProd** a phase describes a manufacturing process that can be associated to a machine and possibly to an operator. Each phase has its own time frame of execution and resources, which if described in detail will provide us with strategic information to control and optimize the production process.

### New Phase

From "Products and Services", select a product and click on "Edit" on the menu visible through vertical ellipsis.

- click BOM
- click on the three dots situated on the top right
- click on "Edit"
- click on  Add phase

ADD/EDIT PHASE
✕

---

Phase name\*

Compatible machines/workstations

*Advanced*

Exit phase

Estimated time			Operators		Costs [€]	
<b>Programming</b>						
Hours	Minutes	Seconds	Number	Presence %	Min.	Max.
0	0	0	1.00	100.00	0.00	0.00
<b>Tooling</b>						
Hours	Minutes	Seconds	Number	Presence %	Min.	Max.
0	0	0	1.00	100.00	0.00	0.00
<b>Pre-production</b>						
Hours	Minutes	Seconds	Number	Presence %	Min.	Max.
0	0	0	1.00	100.00	0.00	0.00
<b>Production of 1 piece</b>						
Hours*	Minutes*	Seconds*	Number	Presence %	Min.	Max.
0	1	0	0.00	0.00	0.00	0.00
<b>Cleaning</b>						
Hours	Minutes	Seconds	Number	Presence %	Min.	Max.
0	0	0	1.00	100.00	0.00	0.00

Unit cost to produce  pieces Min. 0.00 Max. 0.00

---

DELETE
SAVE CANCEL

- **Phase Name**

Name of the phase

- **Compatible Machines**

Select all machines involved to complete the phase, you can choose more than one machine if necessary.

- **Exit Phase**

Check if the current phase is the last one of the processes. Exit phase doesn't generate a semi-finished product but a finished product only.

- **Estimated Time, Operators, Costs**

Specify for each of the 5 subsets of a phase:

- **Hours, Minutes, Seconds**

Time required for **Programming, tooling, testing (pre-production), production** and **cleaning**.

As you can notice from \* symbol, all fields are optional, only data about **Production is mandatory**.

Production is intended for **1 piece** meanwhile other subsets are referring to the product production process in its whole.

- **Operators**

It specifies the number and the presence in percentage of operators at the machinery during production phase. For example, if the operator intervenes at the end of production just to set up the machine for the following phase, we will indicate 10% of presence. Instead, if it requires greater attention of the operator, we can say 100%.

- **Costs**

Estimated minimum and maximum costs to execute what has been described above.

**Production unit cost \_\_ (numb) \_\_ pieces**

Price variation will be simulated by the change of quantities produced

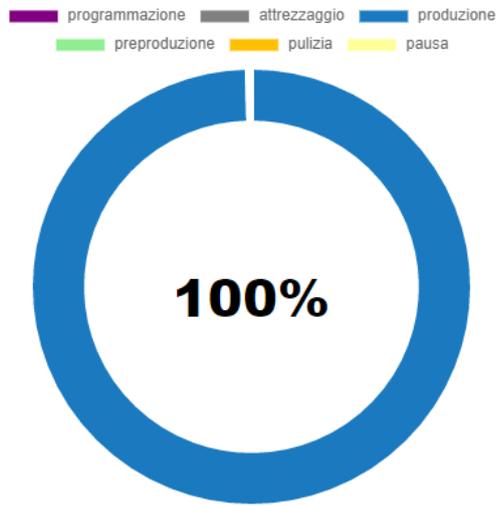
Subsets have different colors which are the same around the platform: Orders **in progress, planning and statistic charts**.



In planning work orders.



In Graphics



- **Advanced**

**Advanced** ^

How many parts you produce with a stroke?\*

1

---

Strokes needed to complete a part\*

1

---

**1 piece(s) made by stroke of the piece counter**

Automatically create production declaration and label:

Never

At the phase closing

After \_\_\_\_\_ pieces

% of reject threshold tolerance

\_\_\_\_\_

Delay tolerance in minutes

\_\_\_\_\_

Exit phase

Advanced settings are available from this section. By stroke we include machines that operate on semi-finished products through stroke for parts like cuts, holes, Moulds, etc.:

- Number of parts produced with a **stroke**
- Number of strokes needed to complete a part
- Create production declaration and label
- Never
- After a determined number of pieces

## Editing/Deleting Phase

- Click on BOM

Code: **K41002/2**

PROPERTIES **BOM**

- Choose "Edit" from vertical ellipsis
- Double click on phase header

**EXTERNAL TURNING PHASE 1**

1' / € 0.00 / € 5.00 / € 5.00

It will open the tab with phase information and subset.

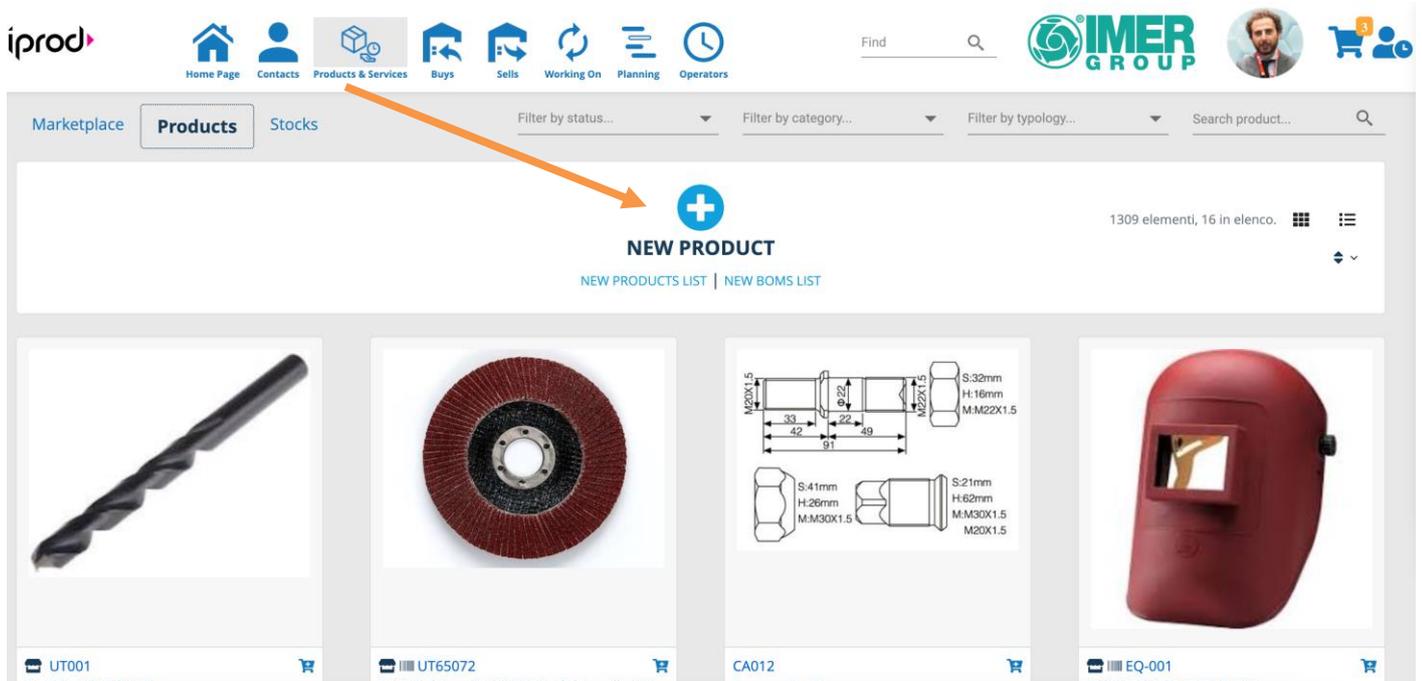
Click on DELETE to Eliminate the phase. In case there is a work order in progress linked to the phase, a message of error like shown in photo will appear.

DELETE

This phase cannot be deleted because there are phase instances related to it.

## 8. Products and Services

Managing Products



- Click on **Products and Services** from NavBar

From this section you can manage:

- **Marketplace**, online shop to sell and buy products
- **Compare compatible Products**
- **Stock movements**
- Compatible **Machines**
- Assigned **Operators**
- **Stock** with automatic re-order
- Production **Phases and their setup**
- **Tools and Equipment**
- **Multiple Shopping Cart**, advanced e-Commerce that uses **algorithms to help you select the most supplier and preferable supply conditions**
- Complete supervision of Bill of Material (**BOM**), production progression, related **timing** and **assigned resources**
- **Delivery and goods receiving Tracking**
- **Part Program**
- **Warehousing and inventory checking**
- **Social Tags** to increase product visibility
- Multiple **price lists** and history variation
- **Advanced properties**: weight, dimensions, costs, technical sheet and components.
- **Social posts**, comments and attachments.
- **Documents** generated by information taken from database

## About Phases Setups

Production of an article may require a sequence of processes to be performed on multiple machines, each of these is defined as **Phase Setups**

The term **phase setup** in iProd indicates the need to move a piece from one machine to another in order to complete the production.

For example, cutting some pieces from a bar on a bandsaw (set up 1) and then working them on a lathe (set up 2) to finish them on a grinding (set up 3).

One or more set ups can be associated to each item in iProd and a large amount of technical information can be added to each of them, such as tools, accessories, part programs and storage components.

## Adding New Products

It is possible to add a new product: or upload a list from an



Click on **“New Product”** to add one product at the time  
 Or **“New Product List”** to upload a list from an Excel file, **“New BOM List”** for products with BOM

Import items from Excel x

Paste items below. Mandatory fields are marked with (\*), others can be left empty.  
 New items will be saved and existing ones will be updated (considering non-empty and valid fields only). [?](#) [📄](#)

	A	B	C	D	E	F	G	H	I
1	Import result	Code (*)	Name (*)	Description	Notes	Tag	Type	Salable	Price list
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									

Check inserted data Add items

Field with (\*) are mandatory. We suggest preparing an Excel file and keep the proposed format then copy and paste the spreadsheet on iProd.

Fields required are the following: (you may copy them from here)

Import Result	Code (*)	Name (*)	Description	Note	Tag	Type	Salable	Price List	Make / Buy	Tracked	UM	Height	Lenght	Depth	Size UM	Weight	Weight UM	EAN/Bar Code	Producer	Producer Code	Standard Cost	VAT	Minuum Lot	Minimum Stock	Lead Time (days)

If you copy a file with a different format, iProd will try to adapt columns.

The button "**Check inserted data**" at the bottom will inspect the file and ensure mandatory fields are completed and format is adequate.

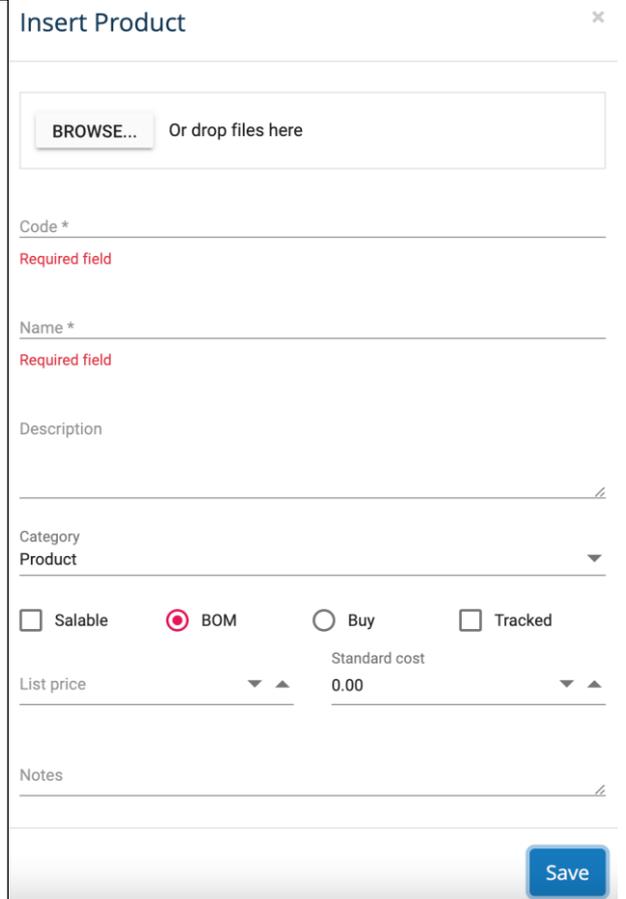
"**Add Items**" uploads data from the spreadsheet.

- Click on "**New Product**"

To speed data entry, at first iProd requires essential information such as **Code** and **Name**.

Then go to  → "Edit" and complete product details:

- **Description** add measurements, color, material etc...
- **Note** you may use this field for instructions, maintenance notes and all other information that need to be shared.



Insert Product ✕

Or drop files here

Code \*  
Required field

Name \*  
Required field

Description

Category  
Product

Salable  BOM  Buy  Tracked

List price  Standard cost

Notes

- Click **Save** to memorize the new item on Cloud, "**X**" on top right to leave the form.

Once the item has been saved, it will be available in your catalog, and you can now add all the information about the product, its BOM, BOT, phases etc.

## Product Details

Codice: **MB 818** Nome: **VALIGETTA PORTAUTENSILI 18" CON PIASTRA METALLO SUL COPERCHIO E CHIUSURE METALLO**

PROPRIETÀ DISTINTA BASE UTENSILI E ATTREZZATURE IMMAGINI DOCUMENTI FASI

TIPOLOGIA: **Prodotto**

H x L x D (cm): **0 x 0 x 0**

PESO (GR): **0**

CODICI ALTERNATIVE:

EAN/BAR CODE:

TAG:

DESCRIZIONE:

Misure esterne: 45x26x22 cm  
Materiale: Plastica  
Cartone: 0.214 m³  
Misure cartone: 54x46x86 cm

NOTE: **Fornitore: Tedi Srl Via ai Pini 12 56023 Cascina (PI) ITALIA**

Vendibile  Distinta base  
 Acquistato

UM: **PZ**

FORNITORE ABITUALE: PREZZO DI LISTINO: **0 €**  
COSTO STANDARD: **0 €** IVA: **22%**

GIACENZA MINIMA: **0** LOTTO MINIMO: **0**

TEMPI DI CONSEGNA (gg): **0**

Comments Allegati Documents <sup>33</sup>

Per each item there are different TABS:

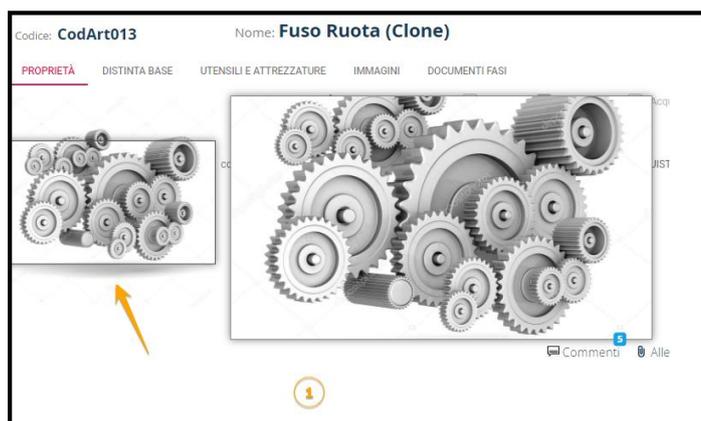
## Properties

### Product overview

- **Image Zoom**

Hover your mouse over the image to enlarge it. If your image is a **drawing**, a **plotter** or it has many details, it is recommendable to save your file with the right dimensions for a proper visualization. iProd will accordingly resize the image maintaining aspect ratio and resolution.

Hovering the mouse over the image enhances resolution. For a more detailed view, hold down the [Ctrl] key while you turn the mouse wheel. Each click, up or down, increases or decreases the zoom factor by 10%.



- **Category.** It identifies the item as per:

## Finished product

Tool

Equipment

Service

Container

Machine

- **Property Checks**

Salable  BOM  Buy  Tracked 

This tells us if the product has a **bill of material**, it is **salable on the marketplace** or if it is a **product purchased** from a supplier

- **Dimensions** (in cm) H x L x D (cm): **0 x 0 x 0**

H-Height, L-Length and eventually D-Diameter

- **MU- Measurement Unit**
- **Weight (gr)**
- **Usual supplier**

Easy to guess, it is the supplier/vendor **where the company usually supplies from**.

This information becomes crucial with the **iProd Marketplace** where iProd, through an algorithm, will propose your potential supplier, suggesting a better choice using the usual supplier, his availability and only at the end the best price as priority.

The importance of this data can be observed later in the purchasing phases where, **through an algorithm for evaluating possible suppliers**, the system proposes what is most advantageous for the company and the usual supplier, specified here, has the its weight compared to the others.

- **Price list**
- **Alternative Code** any alternative code, for example code assigned by the supplier or by the client
- **Standard Cost**. This value together with other information like **production timing** and **telemetry** indicate the **total production cost**. iProd provides a tool to measure all these variables for a precise estimate of cost and a correct marketing strategy
- **VAT** for invoicing
- **Last Supplier**

As per "usual supplier", the "last supplier" has a relevance in the list of suggested vendors when it comes to buying products from our **e-commerce**

- **Ordered Quantity**

Quantity stated in purchasing documents but not validated yet

- **Transportation document for incoming goods**
- **EAN/BARCODE**

- **Minimum Stock**

Lowest quantity of item in stock, a re-order is necessary

- **Minimum Lot**

Lowest quantity that can be ordered

- **Lead Time**

For **internal production products** it represents the lead time to deliver to the client.

For items purchased from the **MarketPlace**, it represents estimated time to receive the goods

- **Tag**

Standard **#hashtag** for research optimization in marketplace and cloud/internet.

Tags will be like:



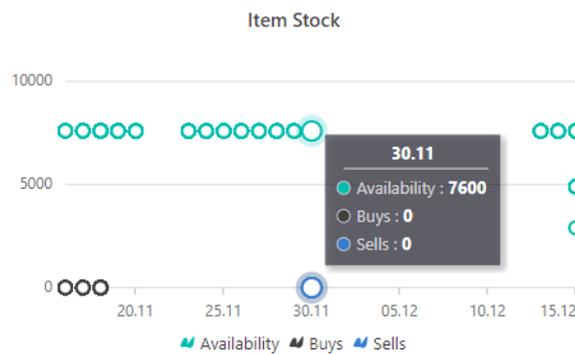
- **Description**

Features like measurements, colors, materiale etc.

- **Note**

Instruction, maintenance notes, comments and more...

- **Stock**



The graph shows warehouse product movement, the different colors want to indicate:

- Availability
- Bought
- Sold

## Editing Products

Code: **PIS-12WE5Q** Name: **Pistone 3mm** 📄 🏠 5 ↶ 0 ↷ 18065 ↶ 1712 🛒 ✕ ⋮

**PROPERTIES** BOM BOTS PHASES PRICE LIST TRACEABILITY COMPATIBLE WITH



CATEGORY: **Product**  Salable  BOM  Buy  Tracked

H x L x D (cm): **0 x 0 x 0**

MU: **kg**

WEIGHT (gr): **0**

ALTERNATIVE CODES:

LAST BUY: **Tappezzerie SNC** Q.TY: **7**

EAN/BAR CODE:

TAGS:

DESCRIPTION:

NOTE:

PRODUCER:

USUAL SUPPLIER:

STANDARD COST: **5.00 €**

MINIMUM STOCK:

LEADTIME (dd):

PRODUCER CODE:

LIST PRICE: **320.00 €**

VAT: **0%**

DDT (n): **g20210081**

MINIMUM LOT:

Item Stock

92

42

-8

-58

-108

20/01 09/02 01/03

Availability Buys Sells

Comments <sup>7</sup> Attachments <sup>2</sup> Templates <sup>20</sup>

By selecting "Edit" from the three dots dropdown menu, you can modify properties in the item dialog box

## Bill of Materials

As seen before in products, to add a list of products to be assigned to each phase, click on **"Add product list"** . See *Chap. 8.3* and follow steps.

With the bill of material, we are going to state raw materials, semi-finished products, components and instructions required to construct or manufacture a product or service.

Inspired by **Kanban board** elements can be dragged and dropped from one column to another. Except for the first one "ADD PRODUCT LIST" all other columns correspond to phases defined in **BOM**.

## 1 Version

There will be as many BOM as product revisions. At the moment it is not possible to manage two different versions simultaneously: the oldest versions are not interoperable, but they are available for consultation.

The circled number in blue color will indicate the current version

## 2 Products to be assigned.

In this column will be products to be assigned to phases. They come from data import or BOM but couldn't be linked to specific phases because of lack of information.

## 3 Processing Phases

All production stages

## 4 Products

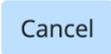
Products used in the production process. They can either be purchased therefore finished products, raw materials or internally manufactured and have a BOM in turn.

## 5 Semifinished Products

Product or item for which information is partially known. It is the outcome of a processing phase and it has to be manually assigned to the next phase. This semi-finished product does not appear in "Products and Services" nor in any other archive

## New BOM

To change record information, click on three dots located on the top right and select "Edit"   
If the the product has just been added, we will see only see "Products to be Assigned" column and

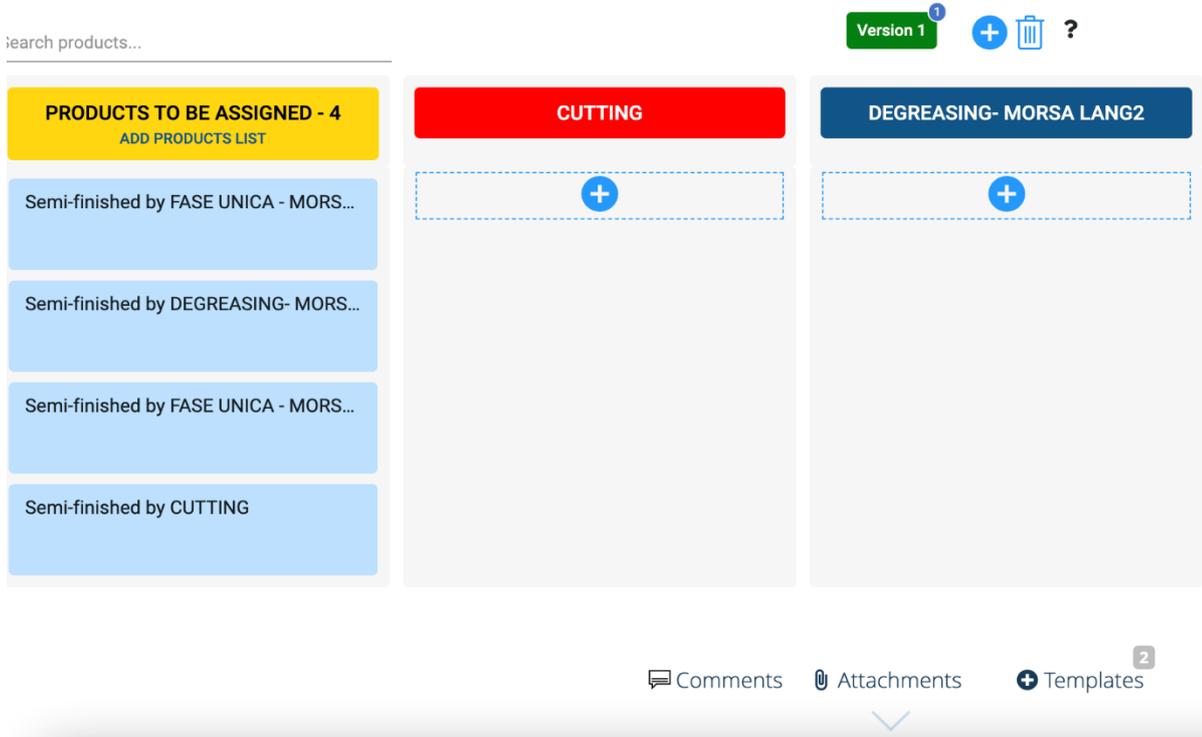
  and  Add phase

Manufacturing process is dictated by production phase; therefore, it is necessary to state and describe every phase



- **Click on "Add Phase"**

Once phase has been saved, a new blank Kanban column comes into view. You can now start detailing the phase or add a new one.



New phases are put into a column next to “Products to be Assigned”. Added phases are labelled in red color until they are saved and BOM becomes valid (CUTTING in the example above)

It is possible to add all phases and detail them in a second moment alternatively you can insert one phase, detail it and move to the next one.

Pale-blue tabs represent semi-finished products to be assigned to phases, drag and drop them to the right column.

## Add products to BOM

- Click on  to **add a product** to phases

ADD PRODUCT ×

Product ▼

---

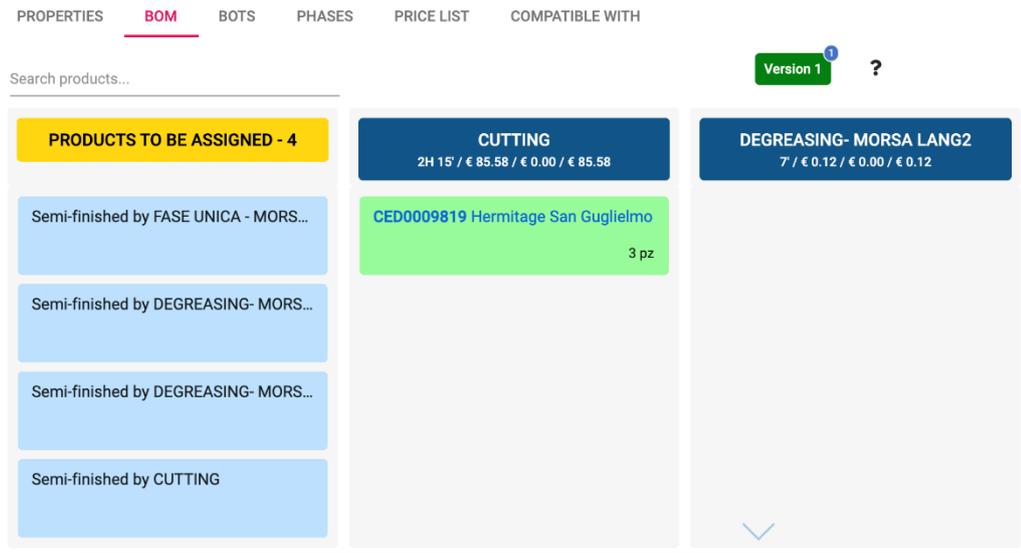
Quantity ▼ ▲

1.000

**OK**   **CANCEL**

- Add a **Product**  
Start typing, a list of products which contain the text will appear in the drop-down menu.

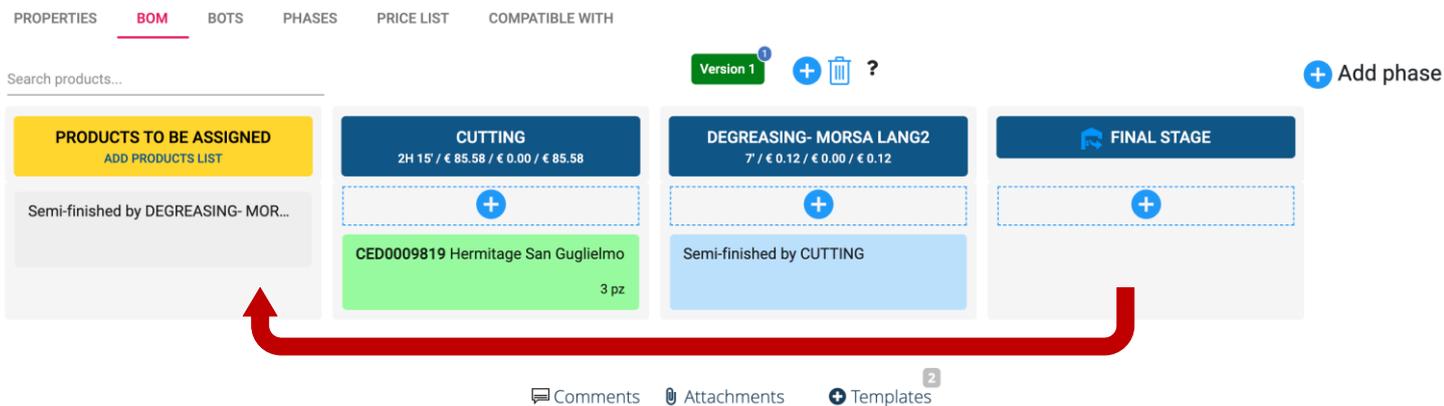
- Insert **Quantity** needed for the phase
- Press **Ok** to confirm



You can now add further products or new phases.

## Moving Kanban

If you are not able to assign a semi-finished product to any phase, you can leave tab in "Products to be assigned" column.



## Editing Quantity or Products in BOM

To modify an item connected to a phase:

- Click **Edit** from the three dots drop-down menu
- **Double click** on product area, you can now change data from the same login pop-up form.

## Delete products in BOM

- Click **Edit** from the three dots drop-down menu
- **Double click** on product
- **Click** on REMOVE

EDIT PRODUCT ×

Product  
CED0009819:Hermitage San Guglielmo ▼

Quantity  
3.000 ▼ ▲

REMOVE
OK
CANCEL

## Saving BOM

To validate BOM and its final changes:

- Click on **Save**

Code: 100245445      Name: STAFFA SUPPORTO MOTORE 0.00    ↶ 0    ↷ 100    ↶ 100

Save Cancel :

PROPERTIES    **BOM**    BOTS    PHASES    PRICE LIST    COMPATIBLE WITH

Search products... Version 1 + ? + Add phase

PRODUCTS TO BE ASSIGNED    CUTTING    DEGREASING- MORSALANG2    FINAL STAGE

## Versions. Adding a new revision

**iProd** allows us to keep records of present and past manufacturing process. When product structure, assembly component list or production recipe change, it is possible to make a new version to identify a variant of the same product.

- Click on icon Version 1 + ? a popup will ask to confirm your choice and a new BOM is about to be created

ADD VERSION ×

---

Any changes will be lost. Continue?

---

YES    NO

By continuing the existing BOM will be duplicated and editable.

- Click on **YES** to continue. A popup window will ask you to confirm beginning of validity current date and time will be proposed.

## ADD VERSION



Beginning of validity:

7/26/2022 11:39 AM



SAVE CANCEL

- Click on SAVE to confirm new version

### Switch BOM Version

In case multiple versions have been created, it is possible to switch from one to another using the advance button



Inside the little blue circle in the top right corner there is a **number of different versions** available

The green rectangle shows the **actual variant**

Double arrow button **Go to the beginning/end**

Arrow button move on version **forward/backward**

## Tool and Equipment

Clicking on **BOTS**, to assign tools and equipment to BOMs, you can either add or choose them from the list. This management tool allows you to consider and keep control of company consumables and all material that has a regular reordering schedule. Assuming production timing is constant and wear and tear information is provided, we can know the exact life cycles of all consumables used in the company:

Search products...

Version 1 + ?

**PRODUCTS TO BE ASSIGNED**

<b>BORING</b> 1' / € 0.00 / € 0.00 / € 0.00	<b>TORNITURA</b> 31' / € 0.00 / € 0.00 / € 0.00	<b>MILLING</b> 32' / € 0.00 / € 0.00 / € 0.00
+	+	+

- Click on the three dots menu and select **Edit**

Search products...

**PRODUCTS TO BE ASSIGNED**

<b>BORING</b> 1' / € 0.00 / € 0.00 / € 0.00
+

To add a tool or equipment click on  button

## New tool or equipment

The product information form will appear

- Select whether it is a **tool** or **equipment**

They have different wear patterns; a **tool** is a consumable item over time therefore we should consider consumption time in relation to the current production.

**Please note.:** Same tool can have a **different consumption time for different products**. For this reason, it is important to consider the wear and tear percentage per article produced (same as regards equipment).

This is also the reason why information about wear or consumption information is not asked when a tool or equipment is added in product archive. This association must be done when production and workload to which they will be subjected over time is known.

The **equipment** is not necessarily worn out but wears out due to natural causes, exposure to the elements, etc, and for that has to be replaced.

For **tool** you will be asked

- % Consumed per hit
- % Consumed per hour

For **equipment**

- % Worn per hit
- % Worn per hour

**Tool examples.:** *Oils, Solvents, liquids, bits and all items subject to consumption*

**Equipment examples:** *spindle, wrench, drill, compressor and all objects subject to natural attrition or model overrun.*

If the product is not on the list, you can add item at this time

## ADD PRODUCT ×

Tool  Equipment

Equipment

t ×

NO DATA AVAILABLE ADD

% Q.ty wear per hour

0

OK CANCEL

- Click on **Add**

## NEW EQUIPMENT ×

Code

Name

WRECH

SAVE CANCEL

- You can now add Code (mandatory field) and save it to the archive

## Price List.

See Chap. **9 Marketplace.**

Code: **P6 Piston Rod FCA 500**

Name: **Piston Rod FCA 500**

63344 90000

×

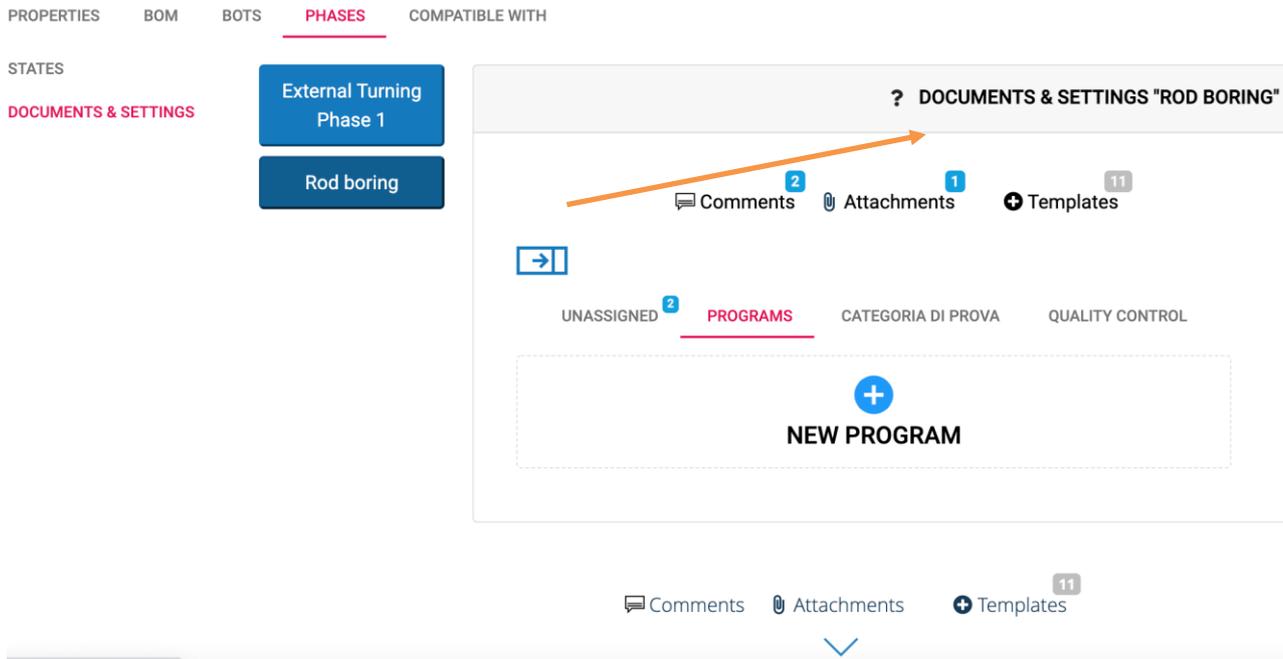
PROPERTIES BOM BOTS PHASES PRICE LIST COMPATIBLE WITH

+ Add 🗑 Delete 🔄 Update × Cancel

Insertion date	Customer *	Price (€) *	VAT % *	Discount type *	Discount *	Net price (€)	Standard lead	Valid from *	Valid through *	Created by	Status *
01/08/2022	Everyone	10.00	0.00	Price	0.00	10.00	0	01/08/2022	01/01/2050	AMEDEO BRUNI	Active

Comments Attachments Templates 11

# Documents/Phases/Part Programs



As we have seen in previous points, Phases are defined and detailed during the definition on BOM. In this section, however, it is possible to provide them with further information like **Part Programs, post, documents and attachments**.

- Click on **Tab Phases** then **Documents & Settings**
- **Click** on the phase on interest form the list

A page with previously loaded activities linked to this phase will open.

## Adding a new Part Program

- Clicking on  a section dedicated to posts and comments expands underneath
- Clicking on **PROGRAMS** a button for inserting a new program appears



**NEW PROGRAM**

- Clicking on  The popup below appears on which you can select a file of any type but it must be one of the known types of programming languages to be transferred to the machine.

New Program ×

---

File:

BROWSE... Or drop files here

DESCRIPTION

---

Position

---

Notes

---

SAVECANCEL

When saved, the program takes place under the programs category as if it was a normal Post/Comment

## !!IMPORTANT!!

Make sure nomenclature and format meet standard below. This is because some machines do not support non-standard files and do not allow the transfer.

- **File name** must not contain **spaces** or **special characters**
- It must have an **extension** attributable to programming language sources (**.C**, **.CPP**, **.H**, **.DSP**, etc.). Do not remove extension, do not add **.txt** at the end.
- We recommend entering a description identical to the file name for better recognition
- Position and Note fields and not mandatory

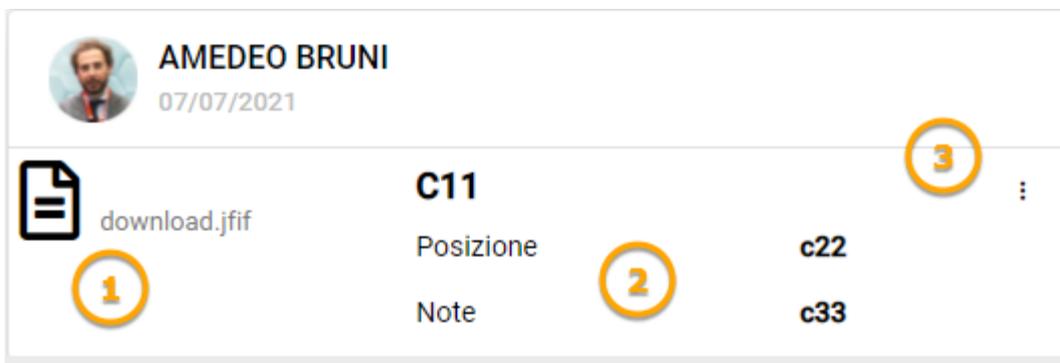
An example of a Part Program correctly uploaded:



## Editing Part Programs

To edit an existing Part Program:

- Click on PROGRAMS



The various programs that have been added over time for this phase appear in order of insertion

**1 Attached file.** By clicking on it, the file will be downloaded from the Cloud and opened in your browser to be consulted

**2 Data** about location and notes

**3 Edit/Delete** menu

- Click on **three dots** at the top right
- **Edit**

On the same Program entry form you can modify data previously entered

- Click on **Save** to confirm

### Deleting Part Program

- Click on **three dots** at the top right
- **Delete**

Confirmation is requested to be sure no mistakenly deleted data. When you click OK, the program is marked as '**deleted**' and hidden from lists.

### Traceability

The traceability function of a product consists in the association of a serial number applied to each available element linked to the product itself. The tracking is distinguished by the presence of a barcode icon at the top right .

To indicate a product is tracked, simply tick **Tracked** in the product properties tab

Code:  
P4 Piston

Name:  
Piston FCA 500

0.00

22144 105144

**PROPERTIES** BOM BOTS PHASES TRACEABILITY COMPATIBLE WITH

CATEGORY: Product  Salable  BOM  Buy  Tracked

H x L x D: 0.00 X 0.00 X 0.00  
cm

MU: pz

WEIGHT: 0.00 gr

PRODUCER: \_\_\_\_\_ PRODUCER CODE: \_\_\_\_\_

USUAL SUPPLIER: \_\_\_\_\_ LIST PRICE: 0.00 ▼ ▲

ALTERNATIVE CODES: \_\_\_\_\_ STANDARD COST: 0.00 ▼ ▲ VAT: 0.00 ▼ ▲

LAST BUY: FCA Workshop Q.TY: 324 DDT (in): 33

EAN/BAR CODE: \_\_\_\_\_ MINIMUM STOCK: \_\_\_\_\_ MINIMUM LOT: \_\_\_\_\_

LEADTIME (dd): \_\_\_\_\_

TAGS: \_\_\_\_\_



BROWSE... Or drop files here

A pop-up window appears immediately afterwards allowing you to enter serial numbers.

Numeri di serie di: MANDRINO (202) 1

Trovati 202 oggetti senza numero di serie in 2 magazzini

Incolla da file 2

3 MAGAZZINO PRINCIPALE (198) MAGAZZINO UNITÀ 2B (4)

1 Numero di serie

2 Numero di serie

5 Salva modifiche

**1** Product (total number found in warehouses)

**2** pastes from file. By checking this box, it is possible to paste serial numbers previously shot or stored on a text file. Please note: File is not required, just its contents copied and pasted here. Serial numbers must be one per line, and by copying the entire content they are all shown here in the same order

Incolla da file

MAGAZZINO PRINCIPALE (198)

MAGAZZINO UNITÀ 2B (4)

Incolla i numeri di serie qui, uno per linea

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**3 Warehouse.** In brackets the number of products in stock in that specific warehouse. By clicking on one warehouse at a time, the serial numbers to which they belong are entered

**4** Space for inserting the serial numbers. There will be as many lines as there are products in stock in the selected warehouse

**5 Save** button. Press the button to save the serial numbers entered so far, then click Save in the product properties tab so that they are actually stored in the database. After that, a new Traceability tab will appear from which you can manage (insert, modify and delete) the product serial numbers.

PROPERTIES PRICE LIST **TRACEABILITY** COMPATIBLE WITH

The input process has been optimized for use with **barcode scanners**: when a code is scanned, the next input field is automatically highlighted so that no mouse or keyboard maneuver is required.

The **paste from file** entry mode is also designed for use with a barcode scanner: some models have a "**batch update**" mode that allows you to transfer all the codes stored on the device at once. It is not mandatory to fill in all the input fields at once.

### Traceability Tab

PROPERTIES    PRICE LIST    **TRACEABILITY**    COMPATIBLE WITH

+ Add    Update    Delete    X Cancel

Serial number	Warehouse	Creation date	Tracked components
AXJ46BT		04/02/2022	2 / 2
AXJ47BT		04/02/2022	0 / 2
AXJ47BW	My safe Warehouse2	04/02/2022	0 / 2
AJX90TR		04/02/2022	0 / 2
AJX91TR	My safe Warehouse2	04/02/2022	0 / 2
NEW24TR	My safe Warehouse2	04/02/2022	0 / 2
NEW24TT	My safe Warehouse2	04/02/2022	0 / 2
PU12QA	My safe Warehouse2	04/02/2022	0 / 2
PP12QA	My safe Warehouse2	04/02/2022	0 / 2
APT65	newName2	11/02/2022	0 / 2
APR52	newName2	11/02/2022	0 / 2
APW12	newName2	11/02/2022	0 / 2
AP99EW	newName2	11/02/2022	0 / 2

Comments <sup>1</sup>    Attachments    Templates <sup>20</sup>

**Tracked components** column on the grid shows all components needed to manufacture the finished products that have a serial number: a tracked product can be made up of components (i.e., other items) which can be tracked or not, this will be defined in BOM of the product.

In image above 2/2 means that 2 products out of 2 that make up the item have a serial number.

Please bear in mind traceability is applicable on the first level of elements: In BOM a product can have branches of other products and these branches could be infinite, by first level we mean the first level or relations (father/son)

It is possible to track the serial number of components of a product but not components of the latter.

### **TRACEABILITY**

The yellow triangle warns you that a product labelled as tracked, it is not completely tracked and some of its components are missing the serial number.

By double clicking on a row of the grid, you can select the serial number of tracked components. This popup window is divided into tabs, one for each first-level track component. From here it is not possible to insert new serial number but to only modify the existing ones

## Edit serial numbers ×

Item: MASCHERA DI SALDATURA

Serial number  
AJX91TR

Tracked components:

**PISP-E1 (2)**

Select serial numbers ▼

Save changes

For observations made until now, it is advisable to enter the serial numbers starting from components that are at the last level of the BOM and go up to the finished product.

## Tracking references on ERP documents

Features related to the traceability of products are also found in the **documents of entry and exit goods**. The tracked components column allows you to enter the serial number of products received or delivered.

The column indicates how many serial numbers have already been entered and the total to be entered (total corresponds to the quantity specified in the adjacent column). Clicking on it opens a screen for entering serial numbers similar to those already seen.

+ Inserisci   ✎ Modifica   🗑 Elimina   📄 Salva   📄 Salvaent				
Codice	Descrizione	U.M.	Q.tà	Tracciato
EQ21-001	MANDRINO	pz	5	0 / 5
TEMP-0	Maniglia intarsiata	pz	7	

If quantity of a row decreased, the product has been changed to another or the row is deleted, all serial numbers selected for that row are removed.

In goods receipt documents, the serial number created is associated with the warehouse indicated in the **Warehouse Destination** field.

In shipments, new serial numbers cannot be created, you can only select existing ones. Furthermore, documents will not change their status to "confirmed" if as many serial numbers as there are items to be shipped have not been indicated.

## 9. ERP Documents

In this chapter we will see the **ERP** (*Enterprise Resource Planning*), solution adopted and integrated in iProd highlighting the automatism between production and documentation, the optimizations of daily work processes, the regulatory standards in force.

The goal is to provide the administration with the tools to control corporate resources to simplify purchases, inventory, processing of sales orders and procurement while managing business operations.

**iProd ERP** integrates the innovative **iProd-Editor** intelligence system for reporting.

In fact, the printing of each document directly generates an editable file which can be reviewed and eventually customized with missing parts as well as edited in style and content.

### Modularity and integrability with other systems

iProd ERP tools were originally designed as standalone components and do not require the user to use the entire functionalities therefore have to switch completely from the old system to the new one. Easy integration with other software, the possibility to access iProd via API in a bidirectional way, the use of iProdSync to keep data aligned in real time and the support of web services are features that facilitate communication and allow to implement transfers between several software in parallel.

### Automation and link between documents

One of the main features of this section is the interconnection between documents belonging to the same workflow. Each type of document can manually be filled in or automatically generated.

#### **For purchases:**

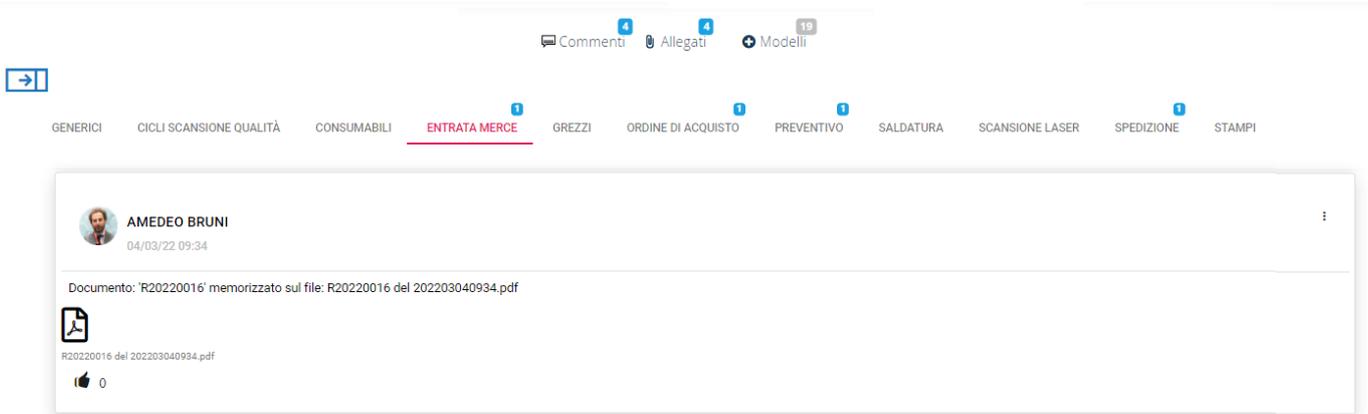
- If accepted, a quote from a supplier generates a purchase order
- The Goods Entry Document is generated from the Purchase Order upon receipt of goods
- Purchase Order can be linked to related production process

#### **For sales:**

- From quotes, once confirmed and accepted, relative customer order is generated
- From customer order, once completed, Transportation Document for shipment can be generated

All documents generated over time from a specific customer order, are accessible from it and manageable in **iProd Editor**.

When a **Work Order** is closed or when an **Operator Activity is entered**, a **Production declaration** document is created (*see Chap. 9, closing a phase, a WO, a customer order*)



As we can see in image above, attachments enclose 4 different documents which have been automatically created when Goods Receipts, Purchase Order, Quotes and Shipments took place and have been validated. Click on attachments to open PDF or iProd Editor if it's a Word file.

## Tools:

The following is the management dashboard

Buys				
Supplier Bids	Purchase Order	Goods Receipt	Production	Inventory
Sells				
Quotes	In Acceptance	Sales Orders	Shipments	

Clicking on Buys from Navbar the following submenus are available:



## Supplier Bids

Suppliers bids											
Purchase orders						Goods receipt		Production		Inventory	
						Draft, Confirmed, Closed		6/1/2022		8/2/2022	
Drag a column header here to group its column											
Search <input type="text"/> <a href="#">+ New</a> <a href="#">Edit</a> <a href="#">Excel Export</a>											
	Nr.	Date	Status	Supplier	Author	Goods		Purchase order			
						N. products	Qty				
<input type="checkbox"/>	<a href="#">RQ20220003</a>	02/08/2022	Confirmed	BMW Workshop	AMEDEO BRUNI	2	60				
<input checked="" type="checkbox"/>	<a href="#">RQ20220002</a>	02/08/2022	Draft	FCA Workshop	AMEDEO BRUNI	2	1300				
<input type="checkbox"/>	<a href="#">RQ20220004</a>	27/07/2022	Closed	BIGLIA S.P.A.	AMEDEO BRUNI	1	500				

Items per page: 20 | 1 of 1 pages (3 ite)

Click on + New or on RFQ number highlighted in blue to edit it and **WYSIWYG** will open

Revision

---

Document Number \*  
RQ20220002

Document Date \*  
8/2/2022

Reason \*  
REQUEST FOR QUOTATION

---

Vendor \*  
FCA Workshop

Payment method

---

Incoterm \*  
Carriage Paid To

Incoterm Location

---

Notes

---

Status  
Draft

CHANGE STATUS

SAVE DOCUMENT

+ Add   ✎ Edit   🗑 Delete   📄 Update   ✕ Cancel   📄 Save reordering							
<input type="checkbox"/>	Pos.	Code	Description	Q.ty	M.U.	Scheduled delivery date	Purchase order
<input checked="" type="checkbox"/>	0	P4 Piston	Piston FCA 500	500.00	pz	18/08/2022	
<input type="checkbox"/>	0	P5 Cylinder ...	Cylinder Head V8	800.00	pz	8/2...	

This document requires the **number** (automatic upon insertion), the **date**, the **reason** (which will always be Request for quotes), **Supplier** and **Incoterm**

**Progressive number is** composed of:

- **RQ Initials**
- **Current business year**
- **Progressive number since the beginning of the year**

On the title bar at the top there are two icons

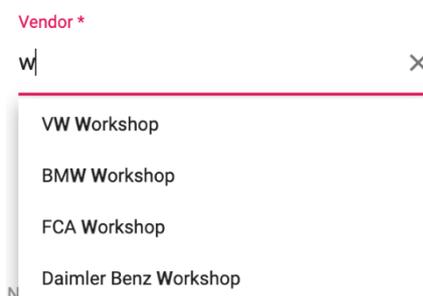


From left

- Show **History** of changes to this document
- **Clone** document

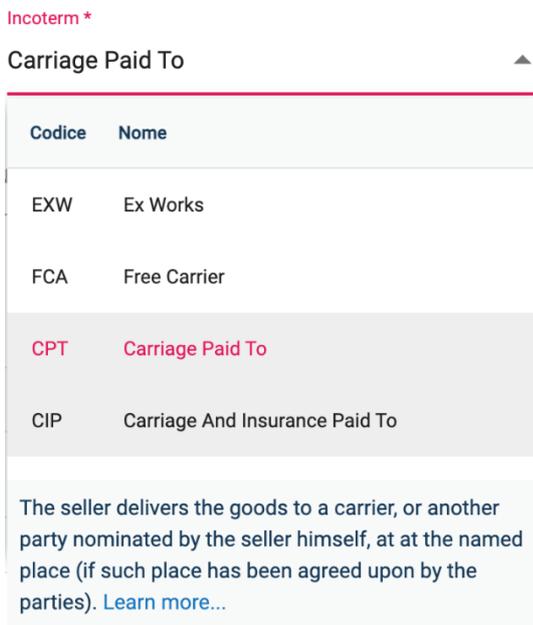
## Supplier/Vendor

Choice of **supplier/vendor** is supported by the autocomplete wizard: while typing it lists all the words that contain that part of the text, see example in image below, by typing "W" a list of suppliers appeared for selection



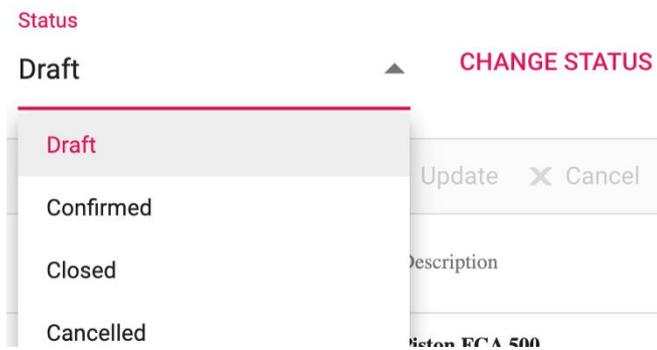
## Incoterm

The **Incoterm** field offers a complete list of possible transportation methods, also providing an exhaustive explanation of the highlighted element.



## Status

Document status can be chosen from the following

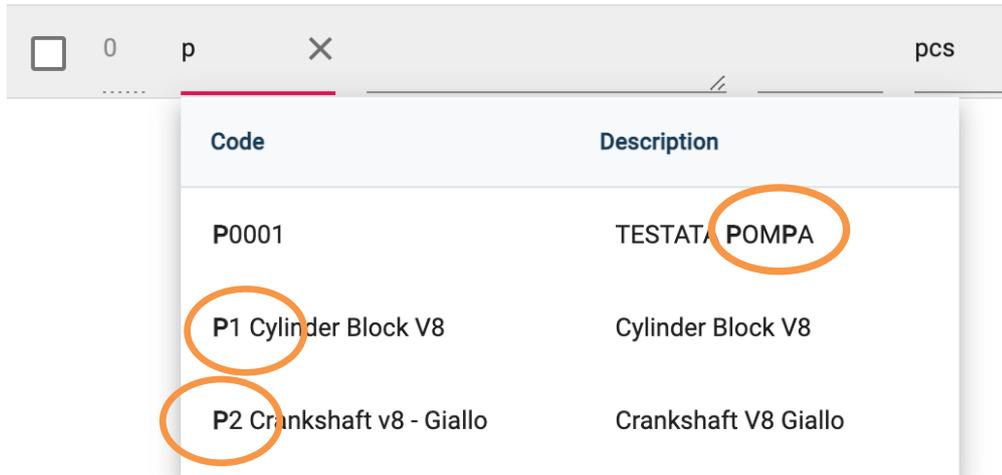


- **Draft: given** by default at the time of insertion. It indicates a condition of “drafting in progress” and cannot be printed.
- **Confirmed:** for completed and approved documents. Documented confirmed cannot be modified but can be printed pressing on Print button
- **Closed:** setting this status means there is no intention to proceed further with this document regardless of the supplier’s answer.
- **Cancelled:** cancel the document.

Transition from one state to another is confirmed only after clicking on **CHANGE STATUS** button. Status changes are stored and it is possible to trace who and when did it.



## Document Detail



Code	Description
P0001	TESTATA <b>POMPA</b>
<b>P1</b> Cylinder Block V8	Cylinder Block V8
<b>P2</b> Crankshaft v8 - Giallo	Crankshaft V8 Giallo

By pressing “**+Add**” button, the system adds a row below the last one and input lines will guide you to fill the fields in. Once again, to select the article you can type a letter or number contained in its description or code and an auto-completion wizard will filter the list and show available articles.

Wizard is associated with code field only, that means in this space you can input both code and description.

Once a product has been selected, you will be asked to specify **quantity**, the **unit of measurements** and the desired **delivery date**.

Click  Update to save once you have completed the form.

## Creating Purchase Orders

Assuming supplier quote has been accepted, you can create a Purchase Order by **ticking the checkbox** on the left of the row, then click on “**Create Order**”. The document will be automatically created and opened in another tab of the browser. On both documents there will be respective references: **PO** will show **RFQ** from which it comes from and **RFQ** will show **PO** generated

Document Number: PO20220007      Document Date \*: 8/2/2022      Reason \*: PURCHASE

Vendor \*: BMW Workshop      Incoterm \*: Carriage And Insurance Paid To      Incoterm Location:      Warehouse \*:

Status: Draft      CHANGE STATUS      PREVIEW CONFIRMATION      SAVE DOCUMENT

	Pos.	Code	Description	Qty	M.U.	Unit price	Total discounted	% VAT	% Discount	Scheduled delivery date	Sales order	Goods receipt
<input type="checkbox"/>	0	P1 Cylinder Block V8	Cylinder Block V8	50.00	pz	1.00	5,000.00	0	0.00	07/08/2022		
<input checked="" type="checkbox"/>	1	P2 Crankshaft v8	Crankshaft V8	10.00	pz	2.00	2,000.00	0	0.00	07/08/2022		

Taxable: **\$70.00**  
 Discounts: **\$0.00**  
 Net taxable: **\$70.00**  
 VAT: **\$0.00**  
 Total: **\$70.00**

Payment terms: \_\_\_\_\_  
 Notes: Urgent Request

### Order from supplier bid

Number **RQ20220003** of **8/2/2022** [Go to... →](#)

### Link to RFQ

	Nr.	Date	Status	Supplier	Author	Goods		Purchase order
						N. products	Qty	
<input type="checkbox"/>	RQ20220003	02/08/2022	Confirmed	BMW Workshop	AMEDEO BRUNI	2	60	PO20220007
<input type="checkbox"/>	RQ20220002	02/08/2022	Draft	FCA Workshop	AMEDEO BRUNI	2	1300	
<input type="checkbox"/>	RQ20220004	27/07/2022	Closed	BIGLIA S.P.A.	AMEDEO BRUNI	1	500	

### Link to PO

## Purchase Order

Suppliers bids												Purchase orders		Goods receipt		Production		Inventory		Draft +2 more..		6/1/2022		8/2/2022	
Drag a column header here to group its column																									
	Nr.	D...	Sta...	Supplier	Author	Net L...	Total	Goods		Suppl...	Good...	Sales ...													
								N...	Qty																
<input type="checkbox"/>	PO20220007	02/08/2022	Confirmed	BMW Workshop	AMEDEO BRUNI	€70.00	€70.00	2	60	RQ20220003															
<input type="checkbox"/>	PO20220006	27/07/2022	Confirmed	BIGLIA S.P.A.	AMEDEO BRUNI	€2.20	€2.20	1	1																
<input type="checkbox"/>	PO20220005	27/07/2022	Accepted	BIGLIA S.P.A.	AMEDEO BRUNI	€35.75	€35.75	1	1																
<input type="checkbox"/>	PO20220003	15/07/2022	Confirmed	BIGLIA S.P.A.	AMEDEO BRUNI	€35.75	€35.75	1	1																
<input type="checkbox"/>	PO20220004	15/07/2022	Accepted	BIGLIA S.P.A.	AMEDEO BRUNI	€35.75	€35.75	1	1																

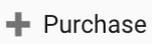
Net taxable: **179.45 €**  
 Total: **179.45 €**

Following "Supplier Bids" there is "**Purchase Order**" tab

The last three columns of this page show references of possible automations:

- **RFQ Supplier Bid** from which it was generated
- A **Goods Entry** document from which it was generated
- Link to **Sales Order**. Click on it to see customer order details

At the bottom right of this page there are **Total** and **Net Taxable** amount of all documents.

Tick the row of the document and click on  Edit to modify document or click on  Purchase if you need to add a new one.

iProd S.r.l.  
P.I. 1111111111

**iProd**

**PURCHASE ORDER: PO20220008**  
Insert date: 02/08/22 14:11  
Created by: AMEDEO BRUNI  
Currency: Euro

Revision

Document Number: PO20220008      Document Date \*: 8/2/2022      Reason \*: PURCHASE

Vendor \*: BIGLIA S.P.A.      Incoterm \*: Free Carrier      Incoterm Location:      Warehouse \*: Magazzino Principale

**null**  
null-null  
12849430157

Status: Draft      CHANGE STATUS      PREVIEW CONFIRMATION      SAVE DOCUMENT

+ Add   Edit   Delete   Update   Cancel   Save reordering   Show/hide arrived quantity   Create goods receipt												
<input type="checkbox"/>	Pos.	Code	Description	Qty	M.U.	Unit price	Total discounted	% VAT	% Discount	Scheduled delivery date	Sales order	Goods receipt
No records to display												

This action takes you to the page of the document in **draft status**, with an editable **progressive number** assigned, current **date** and **reason**.

Progressive number contains:

- **PO initials**
- **Current business year**
- **Progressive number since the beginning of the year**

On the title bar at the top there are two icons

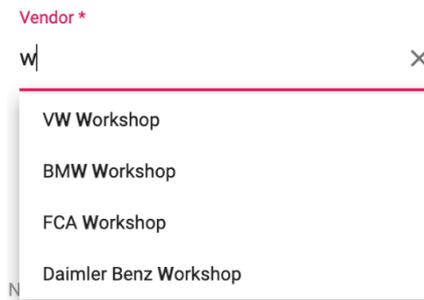


From left

- Show **History** of changes to this document
- **Clone** document

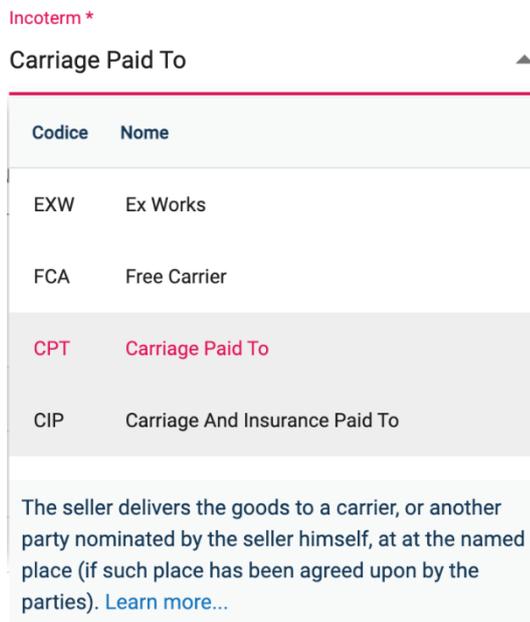
Supplier/Vendor

Choice of **supplier/vendor** is supported by the autocomplete wizard: while typing it lists all the words that contain that part of the text, see example in image below, by typing "W" a list of suppliers appeared for selection



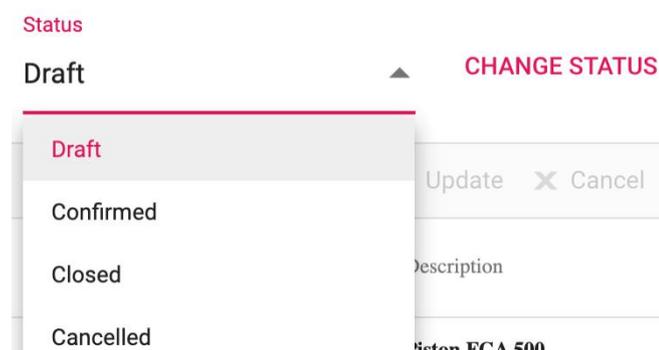
## Incoterm

The **Incoterm** field offers a complete list of possible transportation methods, also providing an exhaustive explanation of the highlighted element.



## Status

Document status can be chosen from the following



- **Draft: given** by default at the time of insertion. It indicates a condition of “drafting in progress” and cannot be printed.
- **Confirmed:** for completed and approved documents. Documented confirmed cannot be modified but can be printed pressing on Print button
- **Closed:** setting this status means there is no intention to proceed further with this document regardless of the supplier’s answer.
- **Cancelled:** cancel the document.

Transition from one state to another is confirmed only after clicking on **CHANGE STATUS** button. Status changes are stored and it is possible to trace who and when did it.

Status  
Confirmed ▼  
By **AMEDEO BRUNI** on 02/08/22 11:02

**CHANGE STATUS**

## Warehouse

You can choose a **supplier warehouse**

Magazzino \*

RIMESSAGGIO ATTREZZATURA ▲

CONFERMA

scondi quantità arrivata Cre

Totale	% IVA	% Sconto
scontato (€)		

Internal Warehouse  
Magazzino cella-frigorifero  
My safe Warehouse2  
NewName2  
Nuovo Mag 31  
Nuovo Mag 32  
oo

RIMESSAGGIO ATTREZZATURA

## Document Details

Code	Description
P0001	TESTATA POMPA
P1 Cylinder Block V8	Cylinder Block V8
P2 Crankshaft v8 - Giallo	Crankshaft V8 Giallo

By pressing “+Add” button, the system adds a row below the last one and input lines will guide you to fill the fields in. Once again, to select the article you can type a letter or number contained in its description or code and an auto-completion wizard will filter the list and show available articles.

Wizard is associated with code field only, that means in this space you can input both code and description.

After completing input fields with **quantity, unit of measure, unit price, VAT %, discount** and desired **delivery date**.

Click  Update

to save once you have completed the form and **SAVE DOCUMENT** to save PO.

## Printing and confirming

To confirm and process the order click on **PREVIEW CONFIRMATION**.  
Print preview is displayed in **iProd Editor**.

**Purchase Order**  
# PO20220007 currency USD  
Mod Rev on 19/13  
Printed 02/08/2022

**iProd S.r.l.**  
VAT1111111111

Date: 8/2/2022  
Number: PO20220007

Supplier: BMW Workshop  
Warehouse: \_\_\_\_\_

VAT: \_\_\_\_\_  
Incoterm: CIP Carriage And Insurance Paid To

Code/Description	U	Qt	Price	% Disc	% VAT	Total	Delivery Date
------------------	---	----	-------	--------	-------	-------	---------------

It is possible to **Edit**, **print** and **confirm** the document.

Once confirmed, the system returns to the document and its status will be changed to “**Confirmed**”. From this moment no more changes are allowed. To do this, it is necessary to switch status in “Draft” and repeat actions.

## Relations and automatisms

### Stock

+ Add Edit Delete Update Cancel Save reordering Show/hide arrived quantity Create goods receipt

<input type="checkbox"/>	Pos.	Code	Description	Qty	Arrived quantity	Completed	M.U.	Unit price	Total discounted	% VAT	% Discount	Scheduled delivery date	St
<input type="checkbox"/>	0	P1 Cylinder Block V8	Cylinder Block V8	50.00		No	pz	1.00	50.00	0	0.00	07/08/2022	
<input type="checkbox"/>	1	P2 Crankshaft v8	Crankshaft V8	10.00		No	pz	2.00	20.00	0	0.00	07/08/2022	

When goods arrive, it is possible to keep track of quantity arrived

- Click on **Show/hide arrived quantity**: two further columns are shown **Arrived Quantity** and **Completed**, see image above
- Insert quantity arrived
- Tick **Completed** checkbox if quantities satisfy the initial request
- Click on **Update** at the top to save it.

At this point it is possible to create a Goods Receipt document

- **Select products** to include in the document
- Click on **Create goods receipt**

## Creating Goods Receipt Document

If the selections satisfy the conditions (lines fulfilled, quantities entered) the page of the new goods receipt document derived from these selections is displayed



## ENTRATA MERCE

iProd  
Via Nuova, 2 54210 Pisa (PI)  
P.I. 001201510015685

**ENTRATA MERCE: R20220021**

Data Inserimento: 13/02/22 16:24

Creato da: AMEDEO BRUNI

Revisione

Numero Documento (Fornitore) \*

R20220021

Data Documento \*

13.2.2022



Causale \*

ACQUISTO

Mittente \*

ALDO

Magazzino di destinazione \*

RIMESSAGGIO ATTREZZAT... ▾

Stato

In bozza



**CAMBIA STATO**

**SALVA DOCUMENTO**

**+** Inserisci **✎** Modifica **🗑** Elimina **💾** Salva **✕** Annulla **📄** Salva riordinamento

Codice	Descrizione	U.M.	Q.tà	Tracciato
EQ-001	MASCHERA DI SALDATURA	pz	2	0 / 2

Note

Entrata merce da ordine di acquisto

Numero **PO20220009** del **09/02/2022** [Vai a... →](#)

On the new document a link is shown to the PO which generated it.

Confirming Order

Vendor \*

iFabio srl

Incoterm \*

Incoterm Location

Warehouse \*

My safe Warehouse2

via Fratelli Rosselli 29

57014-Collesalvetti

LI 1234567890

Status

Confirmed

CHANGE STATUS

PRINT

SEND

By AMEDEO BRUNI on 02/08/22 15:37

<a href="#">+</a> Add <a href="#">✎</a> Edit <a href="#">🗑</a> Delete <a href="#">🔄</a> Update <a href="#">✕</a> Cancel <a href="#">💾</a> Save reordering <a href="#">✎</a> Show/hide arrived quantity <a href="#">📄</a> Create goods receipt												
<input type="checkbox"/>	Pos.	Code	Description	Qty	M.U.	Unit price	Total discounted	% VAT	% Discount	Scheduled delivery date	Sales order	Goods receipt
<input type="checkbox"/>	0	ATTR01	ATTREZZATURA	150.00	PZ	120.00	18,000.00	0	0.00	24/05/2022		R20210102
<input type="checkbox"/>	1	UT65072	3M™ Cubitron™ II 967A Dischi Lamellari 115 mm 60+ PN 65052 conf.10pz.2	33.00	pz	0.00	0.00	0	0.00			R20210102

Payment terms

Taxable: **\$18,000.00**  
 Discounts: **\$0.00**  
 Net taxable: **\$18,000.00**  
 VAT: **\$0.00**  
 Total: **\$18,000.00**

Notes

SEND

It is possible to send Order via email

and follow its progress in production and product procurement documentation

<a href="#">📄</a> Create goods receipt					
Total discounted	% VAT	% Discount	Scheduled delivery date	Sales order	Goods receipt
18,000.00	0	0.00	24/05/2022		R20210102
0.00	0	0.00			R20210102

## Goods Receipt

Use this management tool to keep track of fulfilled orders and manage warehouse loads.

Suppliers bids Purchase orders **Goods receipt** Production Inventory Draft, Confirmed 6/1/2022 8/5/2022

Drag a column header here to group its column

arch: + Get goods Edit Excel Export

Nr.	Supplier nr.	Date	Status	Supplier	Author	Goods			Reason	Purchase order
						N. products	Qty	N. packages		
<a href="#">R20220029</a>	R20220029	05/08/2022	Draft	iFabis srl	AMEDEO BRUNI	1	100	1	PURCHASE	PO20220089
<a href="#">R20220028</a>	R20220028	06/07/2022	Draft	Biglia S.p.a	AMEDEO BRUNI	1	33	1	PURCHASE	

Items per page 20 1 of 1 pages (2 ite

This page lists all **warehouse receipt documents** and in the last column PO reference will be displayed if they derive from Purchase Orders. To **edit** document, click on its Nr. Or to add a new one click on **+ Get Goods**

=

iProd S.r.l.  
P.I. 11111111111

**GOODS RECEIPT: R20220001**

Insert date: 02/08/22 16:30  
Created by: AMEDEO BRUNI

Revision

Document Number (Supplier) \* **GRR0001**

Document Date \* **8/2/2022**

Reason \* **PURCHASE FROM CONTR...**

Sender \* **BRIONI**

Source Warehouse **Maddox St Warehouse**

Destination Warehouse \* **Maddox St Warehouse**

Supplier references

Status **Draft** **CHANGE STATUS** **SAVE DOCUMENT**

Code	Description	M.U.	Qty	Tracked
<a href="#">P2 Crankshaft v8</a>	<b>Crankshaft V8</b>	pz	50	

Notes

A **Goods Entry** document can be manually entered or it can be generated from a **Purchase Order**.

By clicking on “+Get Goods” a new page in “draft” status will open with an editable **progressive number** assigned, current **date** and **reason**.

Progressive number contains:

- **R character**
- **Current business year**
- **Progressive number since the beginning of the year**

On the title bar at the top there are two icons



From left

- Show **History** of changes to this document
- **Duplicate** document

## Reasons

You have the following options:

Reason \*

PURCHASE FROM CONTR... ▲

- PURCHASE
- PURCHASE FROM CONTRACT...
- RETURNED TO REPAIR
- RETURNED NOT WORKED

## Sender

Choice of **supplier/sender** is supported by the autocomplete wizard: while typing it lists all the words that contain that part of the text, see example in image below, by typing "**B**" a list of suppliers appears for selection

Sender \*

- berni Alesaggi s.r.l. ✕
- Berni Alesaggi s.r.l.
  - Biglia S.p.a
  - \*B.M. di BARTOLI C.A. & C. SNC
  - \*BENELLI TECNOMECCANICA ...
  - Fabietti Mech
  - iFabio srl

## Destination warehouse

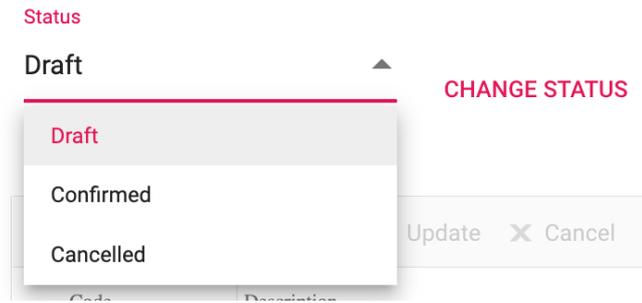
You can choose **warehouse** from those belonging to the selected supplier

Source Warehouse

- Magazzino Principale
- Maddox St Warehouse

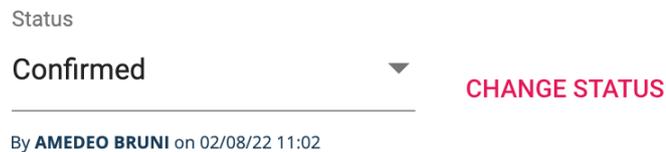
## Status

Document **Status** can be one of the following:

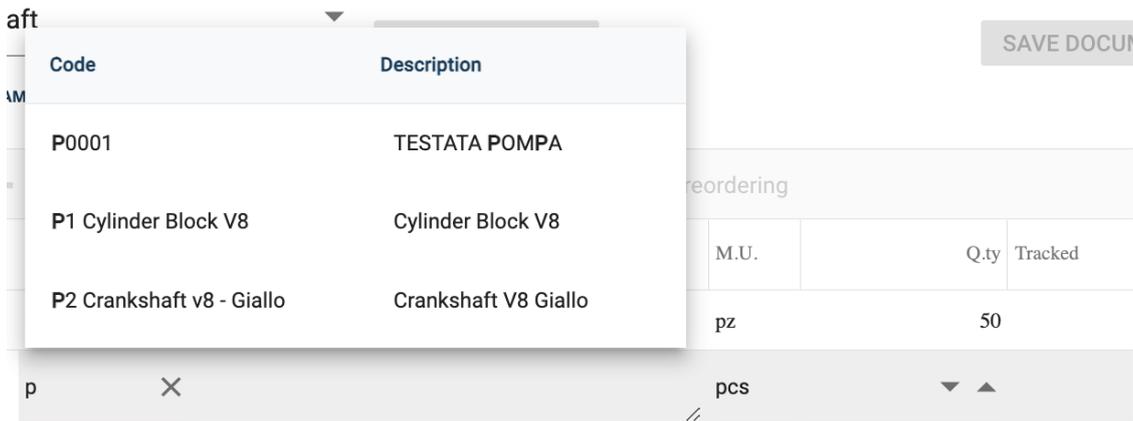


- **Draft: given** by default at the time of insertion. It indicates a condition of “drafting in progress” and cannot be printed.
- **Confirmed:** for completed and approved documents. Document confirmed cannot be modified but can be printed pressing on Print button
- **Cancelled:** cancel the document

Transition from one state to another is confirmed only after clicking on **CHANGE STATUS** button. Status changes are stored and it is possible to trace who and when did it.



## Document Detail



By pressing “**+Add**” button, the system adds a row below the last one and input lines will guide you to fill the fields in. Once again, to select the article you can type a letter or number contained in its description or code and an auto-completion wizard will filter the list and show available articles. Wizard is associated with code field only, that means in this space you can input both code and description.

After, you can complete input fields with **quantity** and **unit of measure**.

Click  Update to save once you have completed the form and **SAVE DOCUMENT** to save inputs.

“Tracked” column indicates how many of the entered products have a serial number (see Product tracking chap.)



# Production Declaration

Suppliers bids Purchase orders Goods receipt **Production** Inventory Draft, Confirmed 6/1/2022 8/2/2022 Detail

Drag a column header here to group its column

Search + Add Edit Excel Export

	Nr.	Date	Status	Author	Goods			Reason
					N. products	Qty	N. packages	
<input type="checkbox"/>	P20220073	12/07/2022	Draft	AMEDEO BRUNI	1	1	1	PRODUCTION
<input type="checkbox"/>	P20220071	13/06/2022	Draft	AMEDEO BRUNI	1	10	1	PRODUCTION
<input type="checkbox"/>	P20220069	09/06/2022	Confirmed	AMEDEO BRUNI	1	3	1	PRODUCTION
<input type="checkbox"/>	P20220070	09/06/2022	Confirmed	AMEDEO BRUNI	1	1	1	SCRAP
<input type="checkbox"/>	P20220067	09/06/2022	Confirmed	AMEDEO BRUNI	1	5	1	PRODUCTION
<input type="checkbox"/>	P20220068	09/06/2022	Confirmed	AMEDEO BRUNI	1	1	1	SCRAP
<input type="checkbox"/>	P20220065	09/06/2022	Confirmed	AMEDEO BRUNI	1	2	1	PRODUCTION
<input type="checkbox"/>	P20220066	09/06/2022	Confirmed	AMEDEO BRUNI	1	1	1	SCRAP

1 of 1 pages (8 items)

This page lists production documents. Click on document nr. to **edit** it or click on “+Add” to insert a new one.

iProd s.r.l.  
via Malasoma, 36  
P.I. 001201510015685



**PRODUCTION DECLARATION: P20220071**

Insert date: 16/06/22 10:23  
Created by: AMEDEO BRUNI

Revision

Document Number	Document Date *	Reason *	Destination Warehouse *
P20220071	6/13/2022	PRODUCTION	Internal Warehouse

Status

Draft

CHANGE STATUS

SAVE DOCUMENT

By AMEDEO BRUNI on 02/08/22 17:11

Phase	Description	M.U.	Qty	Work order - Product
Test campi	Produzione di fase per CM 1106/b 3M™ Cubitron™ II 967A Dischi Lamellari 115 mm 60+ PN 65052 conf.10pz.2 Test campi	pz	10	WO20220094 - 3M™ Cubitron™ II 967A Dischi Lamellari 115 mm 60+ PN 65052 conf.10pz.2

It is possible to manually create a Production Declaration document or it can be generated by a customer order after a **Phase Closure**, **WO** or **Sales Order**.

By clicking on “+Add” a new page in “draft” status will open with an editable **progressive number** assigned, current **date** and **reason**.

Progressive number contains:

- **P** character
- **Current business year**
- **Progressive number since the beginning of the year**

On the title bar at the top there are two icons



From left

- Show **History** of changes to this document
- **Duplicate** document

## Reason

The following options are available:

Reason \*

PRODUCTION ▲

PRODUCTION

SCRAP

- **Production Document** refers to produced pieces
- **SCRAP** Document refers to piece scrapped pieces

## Destination Warehouse

The company's **warehouses** will be available in this field

Destination Warehouse \*

Internal Warehouse ▲

Amedeo's Warehouse

DEPOSITO DI PONSACCO

DEPOSITO STAZIONE

Giuditta's Warehouse

Internal Warehouse

Magazzino cella-frigorifero

## Status

Document **Status** can be one of the following:

Status

Draft ▲

Draft

Confirmed

Cancelled

CHANGE STATUS

Update X Cancel

- **Draft: given** by default at the time of insertion. It indicates a condition of “drafting in progress” and cannot be printed.

- **Confirmed:** for completed and approved documents. Documents confirmed cannot be modified but can be printed pressing on Print button
- **Cancelled:** cancel the document

Transition from one state to another is confirmed only after clicking on **CHANGE STATUS** button. Status changes are stored and it is possible to trace who and when did it.

Status  
**Confirmed** ▼ **CHANGE STATUS**  
 By **AMEDEO BRUNI** on 02/08/22 11:02

## Document Detail

Status

M.U.	Q.ty	Work order - Product
pz	10	WO20220094 - 3M™ Cubitron™ II 967A Dischi Lamellari 115 mm 60+ PN 65052 conf.10pz.2

SAVE DOCUMENT

Draft OdL-PFF - Prova flag fasi - Montaggio  
 By AM ODLCPL - BRACCIO ALOGENO - Saldatura a secco  
 wo-1-2 - Prova 2WO - Saldatura  
 + WO20220007 - Mandrino - zincatura  
 WO20220067 - Mandrino - zincatura  
 :: WO20220069 - BOVONE PROD001 - FASE TEST  
 | wo-2-2-a - Prova 2WO - Saldatura

By pressing “**+Add**” button, the system adds a row below the last one and input lines will guide you to fill the fields in. Once again, to select the article you can type a letter or number contained in its description or code and an auto-completion wizard will filter the list and show available articles. Wizard is associated with code field only, that means in this space you can input both code and description.

After, you can complete input fields with **quantity** and **unit of measure**.

Click  Update to save once you have completed the form and **SAVE DOCUMENT** to save inputs.

# Inventory

Suppliers bids Purchase orders Goods receipt Production **Inventory** Draft, Confirmed 6/1/2022 8/2/2022

Drag a column header here to group its column

Search + Add Edit Excel Export

	Nr.	Date	Status	Author	Goods		
					N. products	Qty	N. packages
<input type="checkbox"/>	I20220022	02/08/2022	Draft	AMEDEO BRUNI	1	7	1
<input type="checkbox"/>	I20220021	24/06/2022	Confirmed	AMEDEO BRUNI	1	20	1
<input type="checkbox"/>	I20220020	22/06/2022	Confirmed	AMEDEO BRUNI	1	5000	1
<input type="checkbox"/>	I20220019	15/06/2022	Confirmed	AMEDEO BRUNI	1	24	1

Items per page: 20 1 of 1 pages (4 items)

This page lists the **Inventory** tracking documents. Click on document nr. to **edit** it or click on **+Add** to insert a new one.

iProd s.r.l.  
via Malasoma, 36  
P.I. 001201510015685



**INVENTORY: I20220022**  
Insert date: 02/08/22 08:27  
Created by: AMEDEO BRUNI

Revision

Document Number \* I20220022 Document Date \* 8/2/2022 Reason \* INVENTORY

Source Warehouse Destination Warehouse \* DEPOSITO DI PONSACCO

Status Draft CHANGE STATUS SAVE DOCUMENT

Code	Description	M.U.	Q.ty
K06931 - Clone	Kit audio 2F espandibile 6931	Pz	

Notes

By clicking on **+Add** a new page in **draft** status will open with an editable **progressive number** assigned, current **date** and **reason "Inventory"**.

Progressive number contains:

- **1 character**
- **Current business year**
- **Progressive number since the beginning of the year**

On the title bar at the top there are two icons



From left

- Show **History** of changes to this document
- **Duplicate** document

## Warehouses

Select Source Warehouse from which goods transit and Destination Warehouse, fields are not mandatory.

Source Warehouse Destination Warehouse \*

Internal Warehouse ▼ Giuditta's Warehouse ▲

Status

Draft ▼

+ Add Edit Delete Update

Code	Description
Amedeo's Warehouse	
DEPOSITO DI PONSACCO	
DEPOSITO STAZIONE	
Giuditta's Warehouse	
Internal Warehouse	

## Status

Document **Status** can be one of the following:

Status

Draft ▲ CHANGE STATUS

Draft

Confirmed

Cancelled

Update X Cancel

- **Draft:** given by default at the time of insertion. It indicates a condition of “drafting in progress” and cannot be printed.
- **Confirmed:** for completed and approved documents. Document confirmed cannot be modified but can be printed pressing on Print button
- **Cancelled:** cancel the document

## Document Detail

Status

Draft

Code	Description	M.U.
zxxz	qqq	
0011AAQQ	QPOWE	
3SE51140QV101AE3 - Clone	SAFETY POS. SWITCH FOR SIM	
oiutrewq	fafa	

+ Add Edit

q | X pcs

By pressing “+Add” button, the system adds a row below the last one and input lines will guide you to fill the fields in. Once again, to select the article you can type a letter or number contained in its description or code and an auto-completion wizard will filter the list and show available articles.

Wizard is associated with code field only, that means in this space you can input both code and description.

After, you can complete input fields with **quantity** and **unit of measure**.

Click  Update

to save once you have completed the form and **SAVE DOCUMENT** to save inputs.

## 10. Sales



By clicking on the Sells icon, it will be displayed lists of first tab from left

### Quotes

[Quotes](#) | [In acceptance](#) | [Sales Orders](#) | [Shipments](#)
Draft, Issued, Accepted | 6/1/2022 | 8/2/2022

Drag a column header here to group its column

Search  [+ New](#) [Edit](#) [Excel Export](#)

<input type="checkbox"/>	Nr.	Date	Status	Customer	Author	Net taxable	Total	Margin	Sales order
<input type="checkbox"/>	Q20220049	29/07/2022	Draft	iFabio srl	AMEDEO BRUNI	€3,172.00	€3,869.84	\$2,184.20 (68.86%)	
<input type="checkbox"/>	Q20220047	19/07/2022	Accepted	CARROZZA ALDO & C	AMEDEO BRUNI	€3,640.00	€4,440.80	\$2,800.00 (76.92%)	SO20220085
<input type="checkbox"/>	Q20220048	19/07/2022	Issued	G.M. ELETTRONICA SRL	AMEDEO BRUNI	€1,200.00	€1,464.00	(\$10,800.00 (-900.00%))	

1 | 20 Items per page | 1 of 1 pages (3 items)

List of quotes issued to customers.

The last column shows **reference and link to Sales Order** generated by quotation.

### Margin

The second column from right shows the **margin on the total** and its percentage calculated according to the following formula:

$$\text{Margin} = \text{Discounted Total} - (q.ty * \text{Unit Price})$$

$$\text{Margin \%} = (\text{margin} / \text{total discounted}) * 100$$

By clicking on the document code, you can **Edit** the file or click on **+New** to add a **new one**

[+ Add](#) [Edit](#) [Delete](#) [Update](#) [Cancel](#) [Save reordering](#)

Pos.	Code	Description	Qty	M.U.	Unit price	% Discount	Total discounted (€)	Total (€)	% VAT	Delivery	In days from order confirmation	Margin (€)	Stocks
0	<a href="#">GW10573A-Clone</a>	REGOLATORE EL.UNIVERSALE 2M BIANCO (Clone)	8.00	Pz	€120.00	0.00	€960.00	€960.00	22.0	10	In days from order confirmation	120.00 (12.50 %)	0  0
1	<a href="#">TE2122</a>	GIVI TELAIETTO PER BORSE LATERALI MOTO	12.00	pz	€40.00	0.00	€480.00	€480.00	22.0		In days from order confirmation	480.00 (100.00 %)	0  0  79  20
2	<a href="#">Kanban</a>	Kanban Test	22.00	pz	€100.00	0.00	€2,200.00	€2,200.00	22.0		In days from order confirmation	2,200.00 (100.00 %)	-6  0  46  43

Payment terms \_\_\_\_\_  
 notes \_\_\_\_\_

Taxable: **\$3,640.00**  
 Discounts: **\$0.00**  
 Net taxable: **\$3,640.00**  
 VAT: **\$800.80**  
**Total: \$4,440.80**  
 Margin: **\$2,800.00**  
 (76.92 %)

By clicking on **+Add** a new page in **"draft"** status will open with an editable **progressive number** assigned, current **date** and **valid thru date**.

Progressive number contains:

- **Q character**
- **Current business year**
- **Progressive number since the beginning of the year**

**Mandatory fields** are marked with \* symbol.  
On the title bar at the top there are two icons

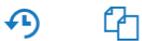


From left

- Show **History** of changes to this document
- **Duplicate** document

## Global commands

On the title bar at the top there are two icons



From left

- Show **History** of changes to this document
- **Duplicate** document

## New quote

From quote page click on the “+New” button  
The following information form will open on a new tab of the browser

iProd s.r.l. via Malasoma, 36 P.I. 001201510015685			<b>QUOTE: Q20220050</b>  Insert date: 02/08/22 21:52 Created by: AMEDEO BRUNI Currency: Euro		
Document Number Q20220050	Revision	Document Date * 8/2/2022	Valid Thru * 9/2/2022	Customer Ref.	
Customer *	Destination		Contact		
Incoterm *	Incoterm Location				
Carrier	Agent				
<b>CREATE DOCUMENT</b>					

## Document Number

**Q**

Current business year, it is a progressive number since the beginning on the year. This value cannot be changed

## Revision

Document revision. Two documents with the same number cannot coexist on iProd but through revisions it is possible to identify more documents with the same grouping code.

## Document Date\*

The current date is suggested and can be changed.

## Valid Thru \*

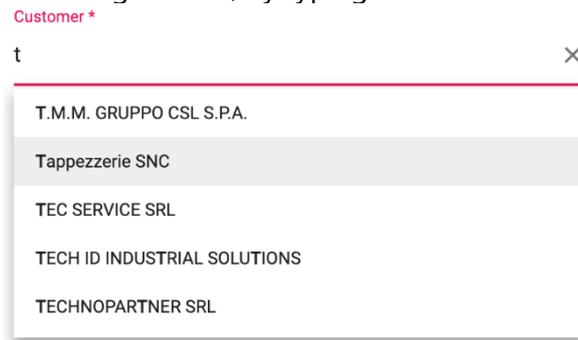
The date proposed is a month after the current date, it can be changed.

## Customer #Ref

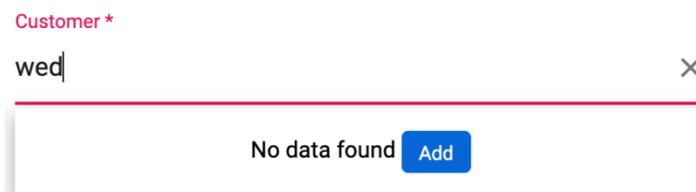
Reference to a customer document. Free text field

## Customer \*

The customer field is supported by the autocomplete wizard: while typing it lists all the words that contain that part of the text, see example in image below, by typing "T" a list of customers appears for selection



If the text entered does not identify any data, the system offers the possibility of adding a new customer



Clicking on **Add** opens customer information form below

Add company ×

Company Name

VAT Number

Address:

City:

ZIP Code:

Province:

Country:

Customer:

Supplier:

## Destination.

Add a new destination if the delivery address differs from billing address. Clicking on this field opens the list of different addresses stored for the selected customer.

Destination

- USE FREE ADDRESS
- CARROZZA EUGENIO
- Filiale di Pontedera

## Contact

The referent for this document. As for destinations, clicking on the field opens the list of contacts belonging to the selected customer

Contact

- Franceschini

## Incoterm

The **Incoterm** field offers a complete list of possible transportation methods, also providing an exhaustive explanation of the highlighted element.

Incoterm \*

### Carriage Paid To

Codice	Nome
EXW	Ex Works
FCA	Free Carrier
<b>CPT</b>	<b>Carriage Paid To</b>
CIP	Carriage And Insurance Paid To

The seller delivers the goods to a carrier, or another party nominated by the seller himself, at at the named place (if such place has been agreed upon by the parties). [Learn more...](#)

## Incoterm Location

Incoterm Place/area.

## Agent

Name or reference of sales person who issued quote. Free entry field.

## Carrier

Company in charge of goods transportation and insurance. Free entry text

## "Preview Confirmation" and "Save Document"

To save the document click on **CREATE DOCUMENT** button. This action will allow you to insert product lines and all their details.

Status  
Draft

CHANGE STATUS PREVIEW CONFIRMATION SAVE DOCUMENT

Pos.	Code	Description	Qty	M.U.	Unit price	% Discount	Total discounted (€)	Total (€)	% VAT	Delivery	Margin (€)	Stocks
0	aa00		22.00	pz	€22.00	0.00	€484.00	€484.00	22.0	In days from order confirmation	253.00 (52.27 %)	0 0 222
1	GW13918 - Clone	PULSANTE EL.2MOD SEGNALAZIONE LUM.BEIGE (Clone)	22.00	Pz	€2.00	0.00	€44.00	€44.00	22.0	In days from order confirmation	-712.80 (-1.620,00 %)	0 0 0 0
2	IMFD523	Furgoni	222.00	PZ	€2.00	0.00	€444.00	€444.00	22.0	In days from order confirmation	444.00 (100.00 %)	+240 0 0 0
3	SUAP_P12222	Manutenzione	22.00	pz	€100.00	0.00	€2,200.00	€2,200.00	22.0	In days from order confirmation	2,200.00 (100.00 %)	0 0 4 46

Payment terms

notes

Taxable: **\$3,172.00**  
Discounts: **\$0.00**  
Net taxable: **\$3,172.00**  
VAT: **\$697.84**  
**Total: \$3,869.84**  
Margin: **\$2,184.20**  
(68.86 %)

## Status

Document **Status** can be **drafted** or **rejected**

Status

Draft

CHANGE STATUS

Draft
Rejected

- Change Status** to confirm the new status
- Preview Confirmation** shows a preview if the document in iProd Editor
- Save document** to save document on Cloud

## Document Details

By pressing “+Add” button, the system adds a row below the last one and input lines will guide you to fill the fields in. Filed highlighted **in red** shows you where to enter inputs.

Pos.	Codice	Descrizione
0	<b>EQ-001</b>	MASCHERA DI SAL

## Adding inventory products

Code field is supported by the autocomplete wizard: while typing it lists all the words that contain that part of the text, see example in image below, by typing “K” a list of products appears for selection. In this field you can type both **code** and **description**

Delivery	Margin (€)	Sto
In days from... ▲		
In days from order confirmation		
In weeks from order confirmation		

After, you can complete input fields with **quantity, unit of measure, unit price, discount %, VAT %** and **delivery date**.

Please note, you can choose if to consider **lead time** in days or weeks

Click on  Update to save record,

Pos.	Code	Description	Qty	M.U.	Unit price	% Discount	Total discounted (€)	Total (€)	% VAT	Delivery	Margin (€)	Stocks
0	K41002/2	KIT audio IN TLC espandibile 2F+	5.00	Pz	€550.00	10.00	€2,475.00	€2,750.00	22.0	30	NaN (NaN %)	15 0 4 6
1	CodArt01	Fuse R800	100.00	pz	€2.00	0.00	€200.00	€200.00	22.0	30	200.00 (100.00 %)	0 0 2 333350

Payment terms

Notes

Taxable: **\$2,950.00**  
 Discounts: **\$275.00**  
 Net taxable: **\$2,675.00**  
 VAT: **\$588.50**  
**Total: \$3,263.50**  
 Margin: **\$1,170.60**  
 (43.76 %)

## Stock

Every time a product is saved in quotation, the system calculates **gross** and **net** amount, partial and total **margins**.

In addition, the column “Stocks” shows up-to-date **storage information**

🏠 4	Disponibili
↩ 0	In entrata
🔄 10	In lavorazione
➡ 135	In uscita

**Margin %** at the bottom of the totals is = (Sum of line margins / net taxable amount) / 100

## Adding products not in archive

It is possible to add products that are not in archive by typing manually code and description of the item. It is not possible to insert description and omit code and vice versa. All **fields** are **mandatory** except for discount and M.U.

## Saving and printing Quote

To confirm document, click on **PREVIEW CONFIRMATION**, check the document on **iProd Editor** and edit it if necessary. Also, you can from this page print the document or download it.

Q20220005 del 02-08-2022
☰ Menu   🖨 Print   👍 Confirm   ❌ Cancel

---

**iproduct**

**iProd System SRL**  
VATBRNMDA78E30H501K33333

**Date** 8/3/2022      **Expiration date** 9/3/2022  
**Number** Q20220005      **Cust.Reference**  
**Salesperson**      **Contact ref.**

**Customer**      **Destination**  
**IMPRESE MECCANICHE**  
123  
123 123  
VAT: 123

**Incoterm**      **Carrier**  
**CIP Carriage And Insurance Paid To**

Code/ Description	U	Qt	Price	%	%	Total	Delivery from order
			Disc.price	Disc	Tax	Total disc.	acceptance
<b>K41002/2</b>	Pz	5.00	\$550.00	10.0	22.0	\$2,750.00	30 days
<i>KIT audio IN TLC espandibile 2F+</i>			<b>\$495.00</b>	0		<b>\$2,475.00</b>	
<b>CodArt01</b>	pz	100.0	\$2.00		22.0	\$200.00	30 days
<i>Fuse R800</i>		0					

**Payment terms:**

Subtotal	<b>\$2,950.00</b>
Discount	<b>\$275.00</b>
Net taxable amount	<b>\$2,675.00</b>
Total tax	<b>\$588.50</b>
<b>TOTAL:</b>	<b>\$3,263.50</b>

Notes:

**Quotation**  
# Q20220005    currency USD  
Mod Rev av10/22/9 - Printed 03/08/2022



**TEXT**

Calibri

B I U

■ A ■

Paragraph

Normal

☰ ☰ ☰

☰ ☰ ☰

By clicking on "**Confirm**" this page closes and document status switched to Confirmed and cannot be edited.

**CHANGE STATUS** and **PRINT** are the only commands available,

## Status

Issued

CHANGE STATUS

Draft

Issued

Accepted

Rejected

- **Draft:** If you need to amend the document bring the status back to draft. In “draft” you cannot print it.
- **Issued:** document has been confirmed.
- **Accepted:** quote has been accepted and generates a sales order in the system
- **Rejected:** To cancel the document, this brings it back to “draft status”

## Accepting document

By changing the status to “Accepted”, you will see the following message warning that the change will be irreversible.

### Warning



By changing the status to 'Accepted', a new order will be automatically created with the products selected in the detail lines, and it will no longer be possible to modify the quote.

OK

## Creating new sales order from quote.

Switching status to “**Accepted**” automatically creates a new sales order connected to the quote.

## Current quote has generated following sales order

Number **SO20220015** [Go to... →](#)

A link to the Sales Order is visible at the bottom of the page, clicking on **Go to..** it opens *Sales Order* on a new tab of the browser



NEW SALES ORDER

NEW SALES ORDERS LIST

▼ SO20220015 of 03/08/2022 **Draft**  
Customer: IMPRESE MECCANICHE

Total taxable: € 2,675.00 - Total: € 3,263.50 (VAT included) 44 %

K41002/2

KIT audio IN TLC espandibile 2F+

15 0 4 6

5 Pz (sent 0/booked 0/produced 0) - Delivery Date: 02/09/2022 - WO: 0

kit audio espandibile due fili plus contenente 1 unità audio con ingresso video analogico per telecamera scorporata e teleloop 41002,  
1 alimentatore 6922.1

Total taxable: € 2,475.00 39 %

CodArt01

Fuse R800

0 0 2 333350

100 pz (sent 0/booked 0/produced 0) - Delivery Date: 02/09/2022 - WO: 0

Total taxable: € 200.00 99 %

# Sales Orders

Quotes In acceptance **Sales Orders** Shipments Filter by status... 6/1/2022 8/3/2022

Drag a column header here to group its column

Search Show Excel Export

Nr.	Date	Status	Customer	Author	Total taxable	Total gross	Purchase order	Quote	Shipment
SO20220015	03.08.2022	Draft	IMPRESA MECCANICHE	Amedeo Bruni	€2,675.00	€3,263.30		Q20220005	
SO20220014	14.07.2022	Opened	CLIENTE DI PROVA 1201	Amedeo Bruni	€5.00	€5.00			
SO20220013	04.07.2022	Opened	OFFICINE MECCANICHE SRL	Amedeo Bruni	€0.00	€0.00			
SO20220012	08.06.2022	Opened	BINETWORK S.r.l. - PROVA	Amedeo Bruni	€550.00	€550.00			
SO20220011	06.06.2022	Opened	SOC	Amedeo Bruni	€50,000.00	€50,000.00			

Items per page 20 1 of 1 pages (5 items)

Sales Orders listed in this page are the same displayed on the menu "Working On". From this page you can research them by applying different filters, in addition, further information is provided like **purchase order**, **quote** and **shipment** with link to relative documents.

# Shipments

Quotes In acceptance Sales Orders **Shipments** Draft, Confirmed 6/1/2022 8/3/2022

Drag a column header here to group its column

Search Ship goods Edit Excel Export

Nr.	Date	Status	Recipient	Author	Goods			Reason	Sales order
					N. products	Qty	N. packages		
SH20220058	02.08.2022	Draft	ABB BULGARIA EOOD-RAKOVSKI BRANCHI	AMEDEO BRUNI	1	3	1	CONTRACTUAL WORK	
SH20220054	22.06.2022	Draft	ABB BULGARIA EOOD-RAKOVSKI BRANCHI	AMEDEO BRUNI	1	1	1	RETURNED GOODS	
SH20220055	17.06.2022	Draft	CARROZZA ALDO & C	AMEDEO BRUNI	2	6	2	EVALUATION	
SH20220054	16.06.2022	Draft	La Rapida s.r.l.	AMEDEO BRUNI	2	39	2	SALE	
SH20220053	16.06.2022	Draft	Royal-Test	AMEDEO BRUNI	1	55	1	SALE	
SH20220051	16.06.2022	Draft	La Rapida s.r.l.	AMEDEO BRUNI	1	40	1	SALE	
SH20220048	09.06.2022	Draft	Giovanoni meccanica SpA	AMEDEO BRUNI	1	60	1	SALE	
SH20220047	09.06.2022	Confirmed	CARROZZA ALDO & C	AMEDEO BRUNI	2	20	2	SALE	

Items per page 20 1 of 1 pages (8 items)

To add a new record, click on "+ Ship Goods"

iProd s.r.l.  
via Malasoma, 36  
P.I. 001201510015685



**WARNING - There are other documents in 'draft' status**

TRANSPORT DOCUMENT: SH202200

Insert date: 03/08/22 12:00  
Created by: AMEDEO BRUNI

Revision

Document Number \*

SH20220058

Document Date \*

8/3/2022

Reason \*

Recipient \*

Destination

Incoterm \*

Incoterm Location

Carrier

**CREATE DOCUMENT**

A new entry form will open on a new tab with current **date** and a given progressive **number** which include:

- **SH** character
- **Current business year**
- **Progressive number since the beginning of the year**

On the title bar at the top there are two icons



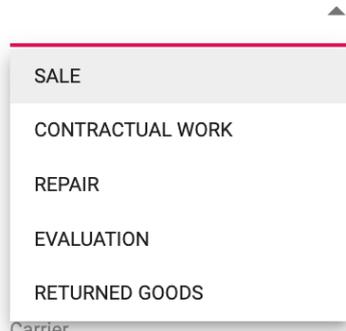
From left

- Show **History** of changes to this document
- **Duplicate** document

## Reason

Mandatory field and with the following options:

Reason \*



## Recipient\*

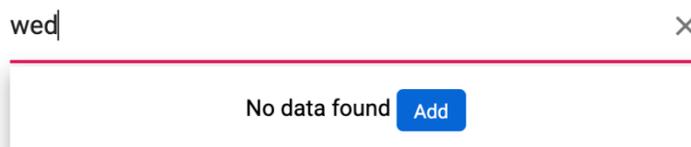
The customer field is supported by the autocomplete wizard: while typing it a list of all words that contain that part of the text will appear, see example in image below, by typing "J" a list of customers appears for selection

Recipient \*



If the text entered does not identify any data, the system offers the possibility of adding a new customer

Customer \*



Clicking on **Add** opens customer information form below

Add company ×

Company Name

VAT Number

Address:

City:

ZIP Code:

Province:

Country:

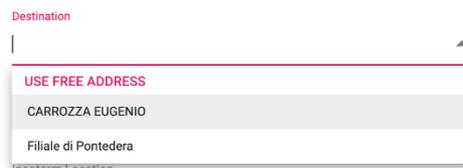
Customer:

Supplier:

[Save](#)

## Destination

Add a new destination if the delivery address differs from billing address. Clicking on this field opens the list of different addresses stored for the selected customer.



## Saving and creating document

To confirm document header, click on **CREATE DOCUMENT**, you can now proceed to add other all other information and change status.

Status

**Draft** [CHANGE STATUS](#) [PREVIEW CONFIRMATION](#) [SAVE DOCUMENT](#)

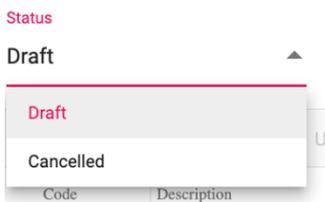
---

+ Add ✎ Edit 🗑 Delete 📄 Update ✕ Cancel 📄 Save reordering

Code	Description	M.U.	Q.ty	Sales order	Tracked
No records to display					

## Status

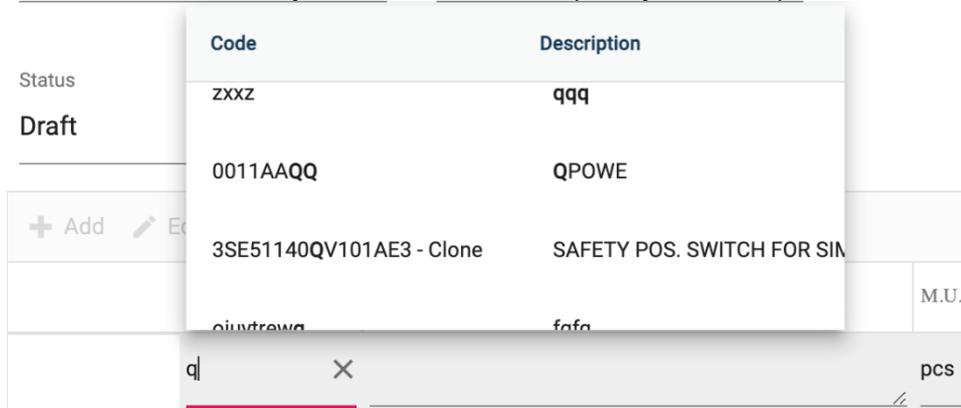
Available status:



**CHANGE STATUS** confirms new status  
**PREVIEW CONFIRMATION** shows document in **iProd Editor**  
**SAVE DOCUMENT** saves document on Cloud

## Document Detail

By pressing “**+Add**” button, the system adds a row below the last one and input lines will guide you to fill the fields in. Once again, to select the article you can type a letter or number contained in its description or code and an auto-completion wizard will filter the list and show available articles. Wizard is associated with code field only, that means in this space you can input both code and description.



After, you can complete input fields with **quantity** and **unit of measure**.

Click  **Update** to save once you have completed the form and **SAVE DOCUMENT** to save document.

## Confirming Shipping Document

To confirm document, click on **PREVIEW CONFIRMATION**, check the document on **iProd Editor** and edit it if necessary. Also, from this page, you can print the document or download it.



SH20220058 del 01-08-2022

Menu Print Confirm Cancel

Table of Contents Header Footer Page Setup Page Number Break Find Comments Track Changes Local Clipboard Restrict Editing

**IMER GROUP**

iProd s.r.l.  
via Malasoma, 36  
VAT001201510015685

**Shipping Document**  
Templ: D007 Rev: 01/08/2022  
Printed: 03/08/2022

Number: SH20220058 Date: 8/1/2022  
Ref: CONTRACTUAL WORK

Recipient: ABB BULGARIA EOOD-RAKOVSKI BRANCH  
BUILDING 1 INDUSTRIAL ROAD 1 NR 18  
STRYAMA VILLAGE  
VAT: 0000000001  
Warehouse:

Destination: ABB BULGARIA EOOD-RAKOVSKI BRANCH  
BUILDING 1 INDUSTRIAL ROAD 1 NR 18  
STRYAMA VILLAGE  
Carrier:

Code	Description	U	Qty
GW13918 - Clone	PULSANTE EL 2MOD SEGNALAZIONE LUM.BEIGE (Clone)	Pz	3.00

N° Packages: FCA Free Carrier  
Incoterm: FCA Free Carrier  
Notes:

Date and sender signature      Date and courier signature      Date and recipient signature

Calibri  
B I  
A  
Paragraph  
Normal  
I - I

By clicking on **“Confirm”** this page closes and document status switched to Confirmed and cannot be edited.

**CHANGE STATUS** and **PRINT** are the only commands available; status options are:

**Draft**

Draft

Cancelled

- **Draft:** If you need to amend the document bring the status back to draft. In “draft” you cannot print it.
- **Cancelled:** To cancel the document, this brings it back to “draft status”

### Warnings

Please note the last column named “tracked” to check whether products are tracked or not. To confirm document this information has to be uniform across all products:

- **None tracked**
- **All tracked**

A mix is not allowed and a message will warn you

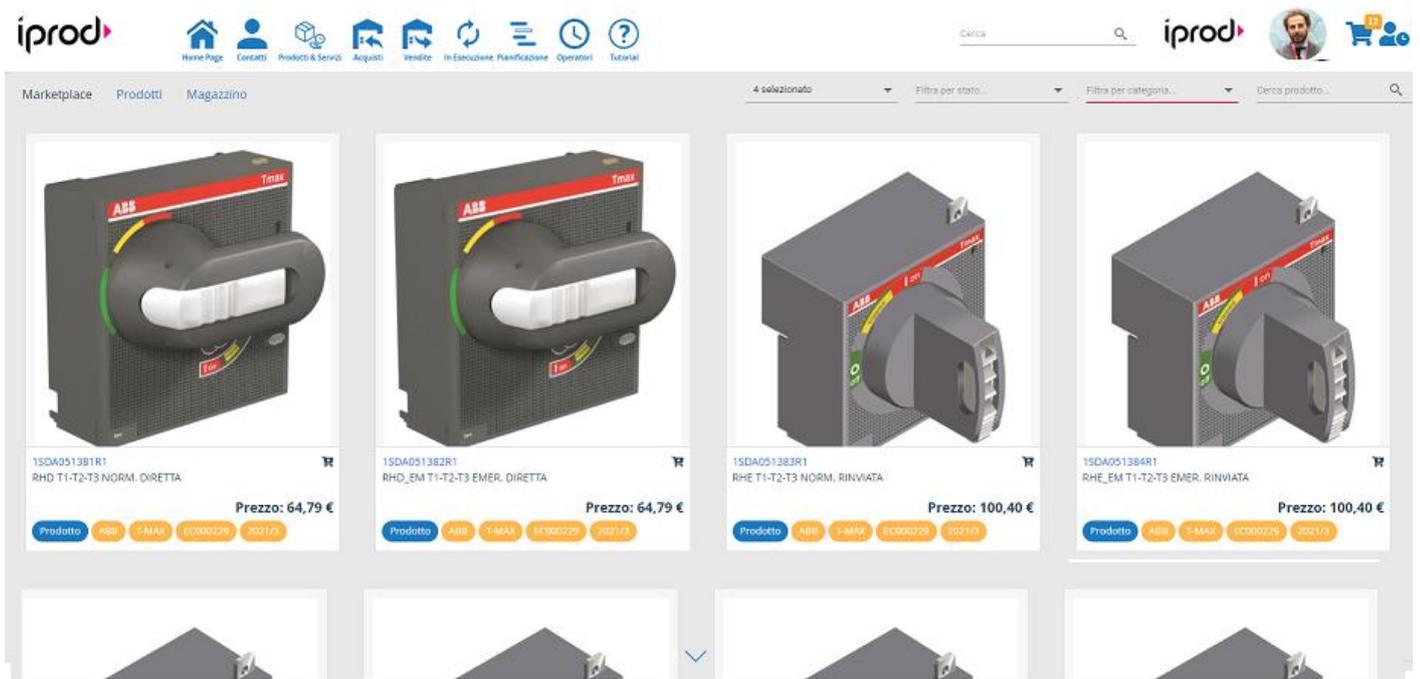
Error in document confirmation



The document can not be confirmed because a serial number has not been selected for all the tracked items.

OK

# 11. MarketPlace



## Online shopping and e-commerce

Integrated tool dedicated to e-commerce through which all companies registered in the system have the opportunity to showcase and sell their products and services, purchase products, accessories and consumables with targeted offers based on the use of machineries.

**iProd Marketplace** uses specific algorithms to offer users alternative purchases based on lead times, prices, reviews, preferred suppliers.

## Accessing to Marketplace

- From Navbar click on **Products and Services**
- Submenu **Marketplace**



This page will show **published products**.

## Internal and external published products

Published products may come from the following databases:

- **iProd** client products
- Products acquired externally from the **global network (internet)**
- **Company** products

For example, if you look for a product which description is in all databases, you will first see the product of an iProd network customer, then a product from a supplier of the global network and if configured to be visible on the marketplace, company own products at last.

From now on we will refer to these as **Shared Products, External and Internal**.

## Shared Products

Products offered for sales by customers belonging to the iProd Network. By clicking on the card, we can see who item is sold by.

Code

**iProd-  
TABLETIOT10**



Name

**iProd Tablet IoT 10'**

### INFORMATION

Sold by:

**iProd S.r.l.**

Dimensions (cm):

H: 0 - D: 0 - L: 0

Weight: 0

Alternative codes:

EAN/Barcode:

M.U.: PZ

Price list: **6,000.00 €**

Description:

N. 1 tablet Advantech modello UTC 510D,  
N. 1 dispositivo PoE,  
N. 2 cavi LAN,  
N. 1 sistema di fissaggio con piastre/calamite o staffa metallica (da definire),  
N. 1 licenza software Alleantia ISC e connettore per integrazione con applicativo gestionale iProd Cloud Professional, applicativo interfaccia operatore iProd Tablet (front-end), applicativo gestionale iProd Cloud (back-end),  
utilizzo iProd Cloud Professional, fino a 100 OdL associati o, comunque, fino a 3GB, senza limiti di tempo,

Comments

Attachments

Templates 11

## External Product

Those are products coming from external data sources, from global networks, clouds, the internet etc. and they may vary over time.

The image below shows how external products are displayed: producer, technical description or instruction, images and dimensions are usually information provided.

Code

**RM35HZ21FM**

Name

**Rele frequenza**



Il relè di misura e controllo zello control rm35-hz di schneider electric consente il monitoraggio del controllo della frequenza. ha un campo di misura di 40-70 hz. questo relè di misura e controllo modulare è ideale per il monitoraggio delle variazioni di frequenza nelle fonti di energia elettrica, come turbine eoliche e micro-centrali. presenta un fattore di forma di medie dimensioni rispetto ai prodotti sul mercato, con una larghezza di 35 mm, che consente un'installazione facile e flessibile su guida din, usando lo stesso spazio di qualsiasi dispositivo din modulare a 3 poli. offre inoltre una funzione di memoria selezionabile, led integrato per indicare lo stato del controllo, copertura sigillabile, con impostazioni semplici e precise tramite separatori a vite.

### INFORMATION

IMAGES/PUBLIC DOCUMENTS



Producer: **Schneider Electric Spa**

List price: **150.69 €**

Dimensions (mm):

H: - D: **0.078** - L: **0.957**

Weight (g): **0.123**

EAN/Barcode: **3389119405201**

M.U.: pcs

## Filters and product searching

It is possible to filter research by:

**Vendor**

From this filter it is possible to include/exclude products from specific suppliers/vendors and include/exclude internal ones.

**Status**

From this filter

- check Connected box to exclude external products
- Check Not Connected to see external products only

**Category**

- Products
- Tools
- Equipment
- Services
- Containers
- Machines

**Search Product..**

Research by input given in all three data sources.

Selling an internal product

Follow these steps to sell company own products on iProd **MarketPlace**

- Open product page and click on "Edit"
- Tick "**Salable**" checkbox
- Insert **Price List**
- Click on **Save**

The screenshot shows a product edit form with the following fields and values:

- CATEGORY: Product
- H x L x D: 0.00 X 0.00 X 0.00 cm
- MU: pz
- WEIGHT: 0.00 gr
- TIVE CODES:
- LAST BUY:
- /BAR CODE:
- Salable
- BOM
- Buy
- Tracked
- PRODUCER:
- PRODUCER CODE:
- USUAL SUPPLIER:
- LIST PRICE: 10.00
- STANDARD COST: 0.00
- VAT: 0.00
- Q.TY:
- DDT (in):
- MINIMUM STOCK:
- MINIMUM LOT:

With these actions a new tab will appear on product features **PRICE LIST**, see before and after images below

- Click on **Price List** tab

Code: **P6 Piston Rod FCA 500** Name: **Piston Rod FCA 500** 🏠 0 ↩️ 0 🔄 63344 ↩️ 90000 🛒 ✕ ⋮

PROPERTIES BOM BOTS PHASES **PRICE LIST** COMPATIBLE WITH

+ Add 🗑️ Delete 🔄 Update ✕ Cancel

Insertion date	Customer *	Price (€) *	VAT % *	Discount type *	Discount *	Net price (€)	Standard lead	Valid from *	Valid through *	Created by	Status *	Publish on Marketplace	Show availability
01/08/2022	Everyone	10.00	0.00	Price	0.00	10.00	0	01/08/2022	01/01/2050	AMEDEO BRUNI	Active	<input type="checkbox"/>	<input type="checkbox"/>

💬 Comments
📎 Attachments
📄 Templates <sup>11</sup>

For it to be visible in the marketplace, a final step has to be taken:

- Click on "Edit" from the three dots menu
- Double click on item row
- Tick **Publish on Marketplace** checkbox, second last column on the right.
- Click on **Update**

From this moment, the product will be visible to all iProd network as a product for sale

To recap, a product is visible on iProd Marketplace when:

- It has a **price**
- **Salable** checkbox is ticked
- **Publish on Marketplace** checkbox **in price list tab** is ticked

## 12. iProd e-Commerce: Shopping Cart



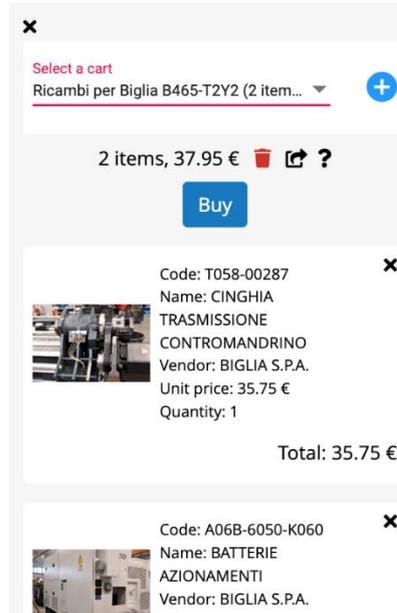
### The Cart

All products visible on iProd *Marketplace* can be purchased.

Through management of **ERP commercial documents (Enterprise Resource Planning)** it is possible to create Purchase Orders, Sales documents, Transport documents, Quotations, RFQ and link product to these.

**Shopping cart** and purchasing tools help in decision-making processes, assisting users in all purchasing steps, optimizing time and resources.

In **iProd** it is possible to create **multiple carts**, each one can be dedicated to different orders and projects.



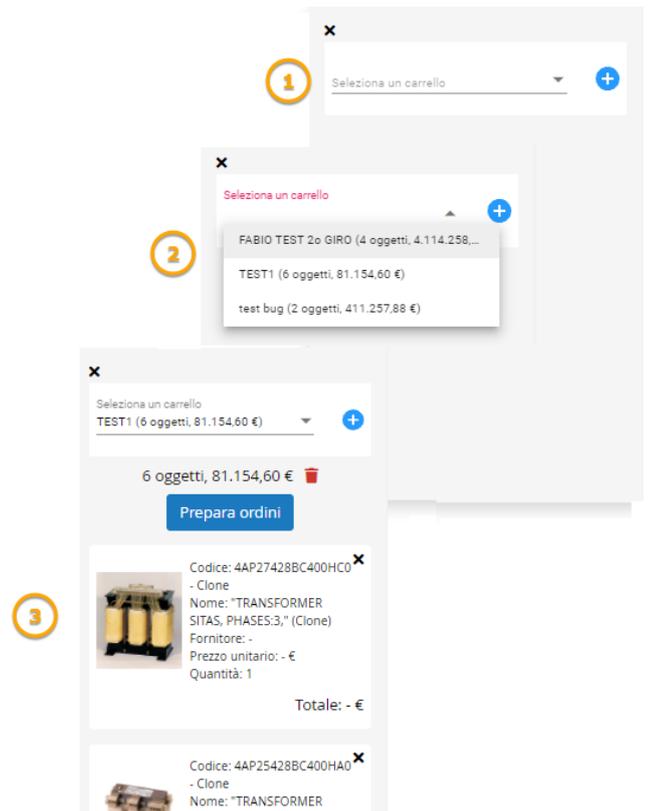
## My carts

To view carts, click on the cart symbol on the right of the NavBar, overlapping number corresponds to the total number of items in carts



Shopping cart control panel expands showing the list of opened baskets.

- Open list clicking on the arrow 1
- Select cart of interest 2
- Check your products 3



## Adding a new cart

From cart control panel

- Click on  button

A popup information form will ask

- Cart Name
- Delivery date

Field **Name** is mandatory.

**Delivery date** cannot be prior to current date and refers to expected delivery date. Suppliers will see this date as a reference.

- Click **Create a new cart**

New cart ×

---

Cart name

Delivery date  

---

## Adding products to carts

While browsing products on the marketplace you will notice  cart icon.

- Clicking on the cart symbol

A popup window appears

- Click on "**Select a Cart**"
- Choose one from the list
- Click on **Add**

Add product to the cart ×

---

 Code: iProd-TABLETIOT10  
Name: iProd Tablet IoT 10'

Select a cart

---

Quantity		Unit price (€)	Total (€)
1.00	<input type="button" value="▼"/> <input type="button" value="▲"/> ×	6,000.00	= 6,000.00

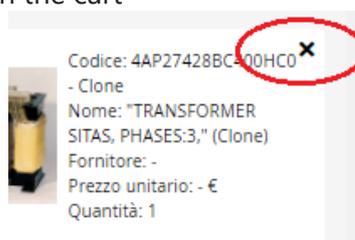
---

## Modifying cart name and delivery date

There is currently no possibility to edit this two information, to change this data it is necessary to cancel the cart and recreate it with new details.

## Removing products from carts

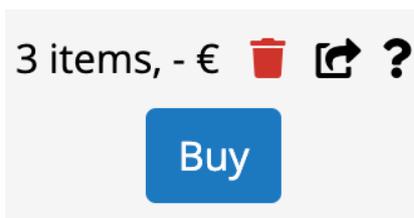
Click on the x of the Product displayed in the cart



## Removing cart

To permanently delete cart and all its products

- Click on bin in the top center

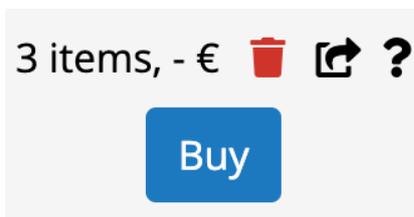


Upon confirmation, there will be no trace, not even in the database, of these elements. This is one of the very rare cases where iProd physically deletes something instead of marking it as status = **deleted**

## CheckOut

To check out a cart and proceed with the order,

- Click on **Buy** button



A summary page opens

Updated at 11:05 PM

Item	Quantity	Unit price (€)	Total (€)	Availability on the date	Needed quantity	Already requested quantity	Vendor	Action	Required quantity	Documents
Brake Disc FCA 500	10	100.00	1,000.00	0	10	0	IMPRESA MECCANICHE (100 €, PO)	Order	9	
PACCHETTO DA 100 ORDINI DI LAVORO	3	200.00	600.00	0	3	0	BINETWORK S.r.l. - PROVA (RFQ)	Request RFQ	3	

## Preview of documents that will be created

<input type="checkbox"/>	Type	Document number	Vendor	Items	Total (€)
<input type="checkbox"/>	Ordine di Acquisto	po2022-xxx	IMPRESA MECCANICHE	9	900.00
<input type="checkbox"/>	RFQ	rfq2022-xxx	BINETWORK S.r.l. - PROVA	3	600.00

[Create selected documents](#)

The upper part of the grid shows single products, instead the lower part the grid shows documents that will be automatically generated.

Please note first item: 10 units were placed in the cart but with this delivery we would like to receive 9 pieces. Therefore, it is possible to split shipment into multiple deliveries.

## Creating partial orders

At the checkout, before proceeding with the purchase documentation it is possible to make some changes.

- Double Click or Double Tap to enable the modification of the relevant row

You can customize:

- **Quantity of order**
- **Supplier/vendor**
- **Document to be generated**

In the column "Required Quantity" change quantity to order.

## Smart choice of supplier/vendor

A feature of the **iProd Checkout** is the selection of supplier to contact for purchasing a product. In the Marketplace ecosystem it is very likely that the same product has more than one supplier; for this reason, iProd uses an algorithm to determine the most favorable candidate, based on the purchase history.

One **supplier is preferable** over another if:

- It is the company's **usual supplier**
- The selling **price is lower**
- **Delivery times** are faster
- It is a **provider of the iProd network with Likes** on the home
- It is a **supplier of the iProd network**
- It has **already made** at least one supply in the past



# 13. Execution of Orders

Real-time monitoring of production activities in progress. To implement manufacture, it is necessary to assign one or more work orders to the customer order and define in detail production phases, materials used, equipment, tools, timing, energy, operators, part-programs etc.

## Sales Orders and Work Orders (WO)

For each **order confirmed** by a customer, to start production it is necessary to open a new Sales Order and as many Work Orders as you want related to it.

The Sales Order shows the following information:

- **Client Name**
- **List of Items** that have been ordered with relative quantities, unit prices and delivery methods (staggered or in a single solution)
- **Attachments provided by the customer**

The document closes when all the listed items have been delivered to the customer.

In order to start production of an article, a Work Order (WO) must be created, for the same article it is possible to open more WO. For example, a customer requested staggered deliveries therefore the company decides to defer production of no urgent goods.

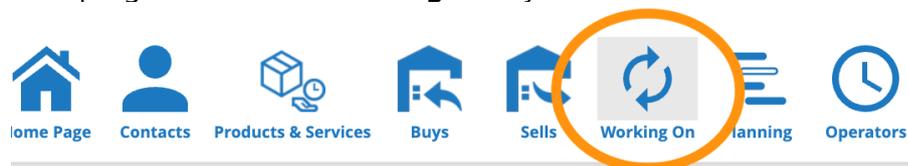
If you want to produce items **to put products in stock**, without having received an order from a customer, your company must be assigned to the order as a customer.

Work Order shows the following information:

- **Sales order** reference
- Reference to **article** in production, **quantity** and **expected completion date**
- Customer or company **attachments**

## Work Order Management

To access Sales order in progress, click on "**Working On**" symbol on the Navbar



A page with list of sales orders in progress and if any, their work Orders, will open

## Creating a new Sales Order

It is possible to insert one order at a time by clicking on **NEW SALES ORDER** or use the massive insertion by clicking on **NEW SALES ORDER LIST**



# NEW SALES ORDER

## NEW SALES ORDERS LIST

NEW SALES ORDER LIST shows the following popup

The required fields are those with (\*) and the format to be respected is the one proposed. It is advisable to prepare a spreadsheet externally (even with a simple editor with columns separated by ; or by TAB) and then paste it by positioning on the grid (CTRL + V)

The fields provided are the following: (you can copy the structure for pre-filling from here or from the page)

Import Result	Sales Orde Code (*)	Customer VAT number (*)	Company Name	Product Code (*)	Product Name	Quantity (*)	Delivery Date (*)	Unit Price (*)	Discount % (*)	VAT (*)

If pasted text does not respect this structure, the system still tries to adapt it in the best possible way.

Click on "Check Inserted Data" button to make sure input data complies with requirements.

To upload spreadsheet data, click on "**Add sales orders**" button

To add a single sales order, click on **NEW SALES ORDER**

Fill in the information form with the following details:

- **Client**
- **Product**
- **Quantity to be produced**
- **Delivery date**
- **Unit Price**
- **Discount**
- **Total**
- **% VAT**

New Sales Order ×

---

Customer ▼

Sales Order Code  
SO20220016

---

Product code ▼

Product name

---

Q.ty ▼ ▲ Delivery Date 4/8/2022

0.00

---

Unit price € ▼ ▲ Discount % ▼ ▲

0.00

---

Total taxable € ▼ ▲ VAT % ▼ ▲

0.00

---

Cancel Save

- Clicking on **Save**, will open a new sales order which is displayed as per image below

▲ SO20220016 of 04/08/2022 Opened Total taxable: € 56,925.00 - Total: € 68,310.00 (VAT included) 39 %

Customer: BINETWORK S.r.l. - PROVA

---

**K41002/2** 115 Pz (sent 0/booked 0/produced 0) - Delivery Date: 01/12/2021 - WO: 0 Total taxable: € 56,925.00 39 %

KIT audio evoluto IN TLC espandibile 2F+  
Unit price: € 550.00 - Discount: 10.00 % - VAT: 20.00 %

Kit audio espandibile due fil plus contenente 1 unità audio con ingresso video analogico per telecamera scorporata e teleloop 41002, 1 alimentatore 6922.1

**NEW WO** 0/115



15 0 4 121

---

Comments Attachments Templates 3

At the top **summary of the order**

At the centre articles **to be produced**

At the bottom **Post/Comments/Attachment** and documents

## Graphic elements and other information

Clicking on symbol



expands the page containing sales order detail and its work order



▲ Commissa so20210076 del 20/10/2021 - Totale imponibile: € 266,00 - Totale: € 286,00 (IVA compresa) 89% \$ 🔄 ⋮  
 Cliente: MARIOEUGENIO 2 3 4 5

EQ21-001 85% \$ ⋮  
 MANDRINO 10  
 20 pz (spediti 13) - Consegna: 31/10/2021 - OdL: 2 - Totale imponibile: € 200,00  
 Prezzo unitario: € 10,00 - Sconto: 0,00% - IVA: 10,00%

OdL: wo20210116 14  
 Data Consegna: 31/10/2021 12 0/2pz

Fase	Pz.	OEE	Tempo effettivo	Tempo previsto	Delta	Tempo medio
✓ assemblaggio	2/2	71,66%	0h 0m 57s	0h 2m 0s	0h 1m 2s	0h 0m
■ zincatura <span style="float: right;">13</span>	0/2	0%	0h 0m 0s	0h 2m 0s	0h 2m 0s	
■ verniciatura	0/2	0%	0h 0m 0s	0h 2m 0s	0h 2m 0s	

D.d.T.	Quantità	Data
S20210075	2	19/10/2021
S20210083	5	01/12/2021
S20210085	2	05/12/2021
S20210086	4	06/12/2021

OdL: wo20210117 15  
 Data Consegna: 31/10/2021 16 0/15pz

200 🔄 32 🔄 92

NUOVO OdL + 0/3

## 1 Sales Order details

- Sales Order Number
- Date
- Total taxable
- Total
- Customer
- ▲ Show/Hide Operational Data
  - Click to show or hide the details of the products being processed and the relative WO / Phases with times and costs

## 2 Sales Order % Profitability

### 3 \$ Economic Data

By clicking on the symbol, the following popup is shown (see: *Profitability Detail*)

👤 0h / € 0,00	📦 € 0,00	🏗️ 51' / € 29,47	\$ € 29,47
👤 0h / € 0,00	📦 € 0,00	🏗️ 57" / € 1,61	\$ € 1,61
PO € 0,00			

## 4 🔄 Send products

This icon appears only if certain criteria are met:

- At least a work order has been created
- Some items are in stock 📦<sup>200</sup> (Bottom left)
- There are products still to be shipped punto 7 : 20 pz (spediti 13)

By clicking on the icon, Transport Document for shipping is generated (See: Shipping Products in order)

## 5 ⋮ Sales Order Menu

📈 % 🔄 \$ ⋮

Edit Sales Order

Add Product to Sales Order

Close the sales order

Print Report

Show Log

Show Help

Click on the three dots menu to access the following functions:

- Edit Sales order
- Add product to sales order
- Close sales order and work order
- Print Report – it opens document in **iProdEditor**
- Show Log
- Show Help

## 6 Details of **Product in progress**:

*Code*

*Description*

*Image*

*Unit Price*

*Other symbol*



All items have been delivered

## 7 Shipping Status

**DS/SP**

**DS** total number of pieces

**SP** number of pieces already shipped **(8)**

## 9 Number of Work Orders (WO)

## 10 Economic and Operational Indicators

85% % Profitability



**Profitability Details**

**Work Order Menu**

- o Edit Sales Order's product
- o Add linked product to sales order (*See: Adding linked products*)

## 11 Work Order (WO) and delivery date

## 12 Work Order Progress Bars



*Product manufacturing progress*



Timing progress. Once production has started, the horizontal bar indicates time elapsed.

## 13 Phase Details. Each row represents a different phase with information like:

Phase	pz	OEE	Effective Time	Expected Time	Delta Time	Avg. Time
FRONT & REAR TURNING PHASE 1	0/777	0%	0h 0m 0s	12h 57m 0s	12h 57m 0s	12h 57m 0s

o *Status*

- work in progress
- Phase completed

-  To be started
-  Paused
- Phase name
- N°Pieces to be manufactured
- OEE – Overall Equipment Effectiveness [OEE su wikipedia](#)
- Elapsed time
- Expected Time
- Delta
- Average Time

## 14 Work Order comands

-  Expand / Collapse **detail phases**
-  Number of pieces made/Total
-  Click to edit or delete WO

## 15 Stock and warehouse management 200 0 32 92

-  **Quantity in Stock:** Number of products currently stocked and available
-  Quantity of **incoming products:** Number of products requested but not yet arrived and recorded on the Goods Entry documents
-  **WIP. Quantity in process:** Number of products currently on Work Orders.
-  **Outgoing quantity.** Total number of items that are in order and not yet shipped (there are no confirmed delivery notes). Products in order include products in process. For example, WIP 5, Outbound 15 means 15 have been ordered and currently 5 are either in actual processing or finished products and ready to ship.

## 17 Shipping created from this Work Order

Spedizioni		
D.d.T.	Quantità	Data
<a href="#">S20210075</a>	2	19/10/2021
<a href="#">S20210083</a>	5	01/12/2021
<a href="#">S20210085</a>	2	05/12/2021
<a href="#">S20210086</a>	4	06/12/2021

These are shipping documents made using Shipping Function ( point 4)

## 18 New work order

To add a new WO to the order (See *Adding a new work order*)

### Sales order and Product Profitability Details

 Oh / € 0,00  
Oh / € 0,00

 € 0,00  
€ 0,00  
PO € 0,00

 51' / € 29,47  
57" / € 1,61

 € 29,47  
€ 1,61

 Oh / € 0,00  
Oh / € 0,00

 € 0,00  
€ 0,00

 51' / € 29,47  
57" / € 1,61

 € 29,47  
€ 1,61

Costs attributable to single products and more in general to sales order. These costs are the sum of:

- Purchases
- Raw materials
- Semi-finished products
- Production timing
- Maintenance and services
- Machinery cost
- Manpower cost

Click on **dollar symbol \$** at the top right to expand details. There will be a general one for sales order and as many products there are in this order.

A control panel expands showing times and amounts

- Upper data refers to **estimated** cost and estimated timing
- Lower data refers to **real** cost and real timing

If the difference between the two is negative it will be marked in **red** color.

The cost of purchased materials can also be identified through the PO (Purchase Order) icon.



- Times and costs per Operator
- Materials costs
- Times and costs per machine
- Totals

**\$** symbol may change color:

**\$ Blu:** OK - The final balance is still zero or below the threshold of the estimated estimates

**\$ Orange:** Total falls within the budget or it is slighted in excess

**\$ Red:** The final total exceeds the forecast, regardless of whether the individual products are within the limits

## Shipping Sales Order Products

Shipment sales order so20210010

Create a new transport document or select an existing open one

P2 Crankshaft v8:Crankshaft V8

Product		Sales Order				
Q.ty available	Q.ty booked	Q.ty ordered	Q.ty sent	Q.ty booked	Q.ty to send	Q.ty residual
50.00	0.00	999.00	0.00	0.00	50.00	949.00

Cancel

Save

Through this function it is possible to generate Shipping Documents directly from the Sales Order by clicking, if available, on the icon  at the top right

This icon is shown when the following criteria are met:

- At least one WO has been created
- There is something in stock  200 (Bottom left)
- There are products still to be shipped

Clicking on icon will open form above.

Select an **existing transport document** already issued from this order if you want to add items to it

Or

### ***Create a new transport document***

Select a tick item to be included in transportation document

EQ21-001:MANDRINO

Specify **quantity to be sent**

Q.ty to send

50.00 ▼

Save

Click on  to create or update documents which will open in a new tab of the browser.

### Adding further products

It is possible to add as many products as needed to sales orders.

- Click of three dots menu

100 % \$ ⋮

- Edit Sales Order
- Add Product to Sales Order
- Print Report
- Show Log
- Show Help

- Click on **Add products to sales orders** and complete the following form

Edit/Insert Product ✕

---

Product code ▼

---

Product name

---

Q.ty  
 0.00 ▼ ▲

Delivery Date 📅

---

Unit price €  
 0.00 ▼ ▲

Discount %  
 0.00 ▼ ▲

---

Total taxable €  
 0.00

VAT %  
 0.00 ▼ ▲

---

Save

**Save** to return to sales order page

## Linking PO to a sales order

In order for a Purchase Order to be traceable within the order being processed, these two entities must be related.

To do so:

- **search among the ERP documents, the purchase order document you intend to link**

	+	✎	🗑	🔄	✕	💾	✎	📄					
<input checked="" type="checkbox"/>	Pos.	Code	Description	Q.ty	M.U.	Unit price	Total discounted	% VAT	% Discount	Scheduled delivery date	Sales order	Goods receipt	
☰	<input checked="" type="checkbox"/>	0	A06B-6050-K060	BATTERIE AZIONAMENTI	1.00	pz	2.20	2.20	0	0.00	15/07/22	SO001-BMW Workshop	

- Go on Edit mode and click on product row
- Add Sales Order reference in "Sales Order" column – field supported by wizard
- Save

## Adding a new work order



Click on

## Add WO ✕

---

WO Code  
WO20220006

---

BOM  
Esp. 1 (from 04/10/21 14:55) ▼

---

Phase  
2 selected ▼

---

Q.ty  
5.00 ▼ ▲

---

Delivery Date  
4/8/2022 📅

---

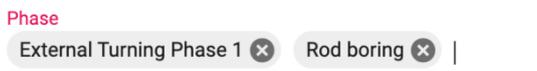
Save

### BOM, different versions

The new unique **work order code** is automatically assigned and the versions (exponents) of the BOM are listed



Phase will appear below according to BOM version selected.



### Phases

It is possible to **remove phases**, because for example, for a specific production some are not of interest but **it is not possible to add new ones**. To do this, it is necessary to review the workflow of the BOM.

The **proposed qty** is the one attributed to the sales order entry, as well as the **delivery date**.

- Click on **Save**.

Production progress of a specific work order can be evaluated through visual aids: when the article box is extended, two horizontal bars indicate the phase progress status as a percentage.

This is how the **WO** management control panel looks like, details below:

**TEMP-0** **1.000 pz (spediti 0) - Consegna: 31/10/2021 - OdL: 2** \$

Maniglia intarsiata Prezzo unitario: € 0,00 - Sconto: 0,00% - Totale imponibile: € 0,00 -



OdL: 1000-1  
Data Consegna: 01/08/2021

OdL: 1000-3  
Data Consegna: 22/09/2021

📦 🔄 🔄 200 🔄 1031

**NUOVO OdL** + 0/800

📦 🕒 0/100 pz

📦 🕒 0/100 pz

Further details:

**TEMP-0** **1.000 pz (spediti 0) - Consegna: 31/10/2021 - OdL: 2** \$

Maniglia intarsiata Prezzo unitario: € 0,00 - Sconto: 0,00% - Totale imponibile: € 0,00 - IVA: 0,00% - Redditività: 0,00%



OdL: 1000-1  
Data Consegna: 01/08/2021

OdL: 1000-3  
Data Consegna: 22/09/2021

📦 🔄 🔄 200 🔄 1031

**NUOVO OdL** + 0/800

📦 🕒 0/100 pz

📦 🕒 0/100 pz

Fase	Pz.	OEE	Tempo effettivo	Tempo previsto	Delta	Tempo medio
■ Fase 4	2/100	89,75%	0h 10m 28s	1h 40m 0s	1h 29m 31s	0h 5m
■ Fase 5	0/100	0%	0h 0m 0s	1h 40m 0s	1h 40m 0s	
■ Fase 6	0/100	0%	0h 0m 0s	1h 40m 0s	1h 40m 0s	
				5h 0m 0s		

## Production progress bars

As we can see in image above, there are two horizontal bars for each WO:

 *Product manufacturing progress*

 Timing progress. Once production has started, the horizontal bar indicates time elapsed.

## Modifying/Deleting a WO

Click on the pencil to the right of the horizontal bars



Then press DELETE or MODIFY following form accordingly

Edit WO ×

---

WO Code  
WO20220001

---

BOM  
Esp. 1 (from 05/10/21 13:22) ▼

---

Phase  
FRONT & REAR TURNING PHASE 1 ▼

---

Q.ty  
777.00 ▼ ▲

---

Delivery Date  
1/18/2022 📅

---

Delete
Save

## Closing phases, WO or Sales Orders

The closure of a phase can be manually forced when it is present the symbol which appears only if:

- phase was associated to a machine in the Planning Menu,
- Production must not be in progress
- Production must be stopped.

Close the work order: all phases will be closed and, if complete, also the sales order

**A Work Order automatically closes** when the last useful Phase is closed.

**The closure of a sales Order** is automatic when the last phase of the last work order is closed

When one of the 3 elements is closed, the Production Declaration document is automatically generated, therefore, as soon as it is closed, the page requests the quantity of items produced and possibly discarded.

🔄 🖐️ M-900  
WO20220010 - Fuso Ruota - Clone: fase6

▶
⏏

×

Controllo di produzione

Attenzione: c'è una discrepanza tra le quantità prodotte e quelle dichiarate; premendo 'Salva' sarà creata una dichiarazione di produzione integrativa con le quantità impostate.

	Pezzi prodotti	Pezzi scartati
Produzione	11	2
Dichiarazione	0	0
	11,00 ▼ ▲	2,00 ▼ ▲

Annulla
Salva

Quantities of pieces produced and discarded refer phase, work order or sales order, depending on what has been closed.

If rejected pieces are declared, a document is generated for the pieces produced and a separate one for the rejected items, as shown in image below

Num.	Data	Stato	Autore	Merce		
				N. m...	Q.tà	Causale
P20220051	21.03.2022	Confermato	AMEDEO BRUNI	1	10	1 PRODUZIONE
P20220052	21.03.2022	Confermato	AMEDEO BRUNI	1	2	1 SCARTO
P20220050	17.03.2022	In Bozza	AMEDEO BRUNI	6	13	6 PRODUZIONE
P20220047	16.03.2022	In Bozza	Fabio Franceschini	2	8	2 PRODUZIONE

### Other features

Annotations, additional documents, data sheets, comments, shared messages can be added and published through features at the bottom:



### Sales Order, Work Order: Starting Production Tutorial

- Click on  **NEW SALES ORDER** from the menu  **Working On**
- Select the **Client**, the **Product and quantity**
- Click on . The last added sales order is displayed at the top
- Click on  top left, expand sales order details
- Click  **NEW WO**. You have full flexibility to create as many work orders as you need.

The sales order has been defined in all its details; you now need to assign a machine. (See Planning)

### Transferring Part Program from Cloud to Machine

Requirements for a successful transfer:

- Product **Bom** and all its **phases**
- **Part Program** uploaded and associated to production phase
- **Tablet IoT** connected to machine and online

## !!IMPORTANT!!

- Make sure nomenclature and format meet standard below. This is because some machines do not support non-standard files and do not allow the transfer.
- 
- **File name** must not contain **spaces** or **special characters**
- It must have an **extension** attributable to programming language sources (**.C**, **.CPP**, **.H**, **.DSP**, etc). Do not remove extension, do not add **.txt** at the end.
- We recommend entering a description identical to the file name for better recognition
- Position and Note fields and not mandatory
- 

An example of a Part Program correctly uploaded:



1. Access the machine Tablet, open work orders will be listed

Fanuc Serie 31i Online iprod OFFICINA MECCANICA DI PRECISIONE

**FUSO A SNODO, Sosp. Ruota Posteriore Odl: #**

TORNITURA

Tot. Attivo:  
Media: 0 min  
Produzione: Tot:0H 0 min

1 Programmi 3 Commenti 0 Allegati

0/8000

Part Program Attrezzaggio PreProduzione Produzione Pulizia

Program name:O1 CNC type:32 CNC Mt-type:T

Work Order List  
Technology  
E - Commerce  
Notifiche  
Impostazioni

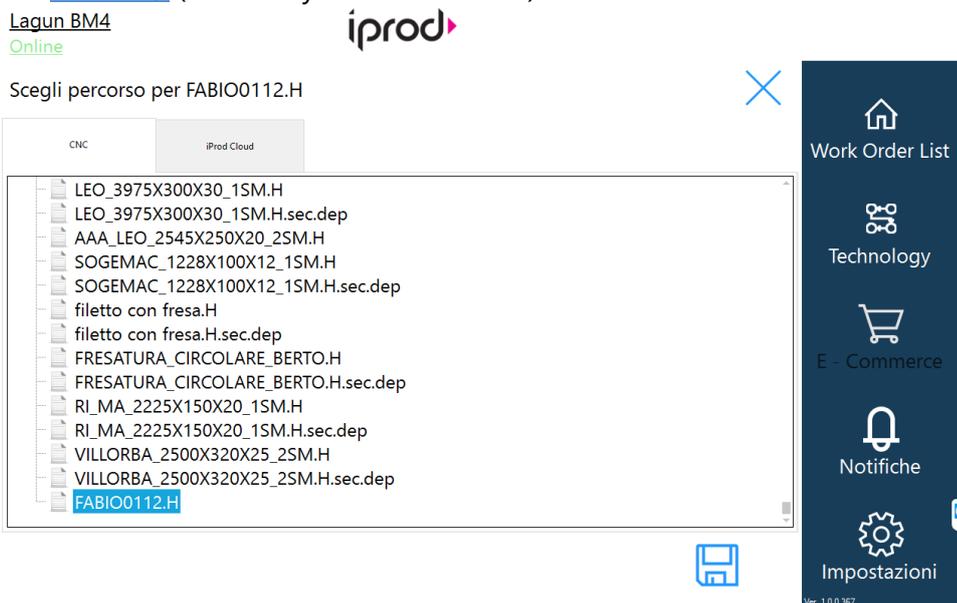
2. **Select WO** of interest and then **Technology**. If the Part Program has been loaded from Cloud correctly, the number of files will appear next to the Programs symbol.



3. From **Technology**:



4. Click/Tap on down arrow  press ok to confirm transfer
5. Click/Tap on **PATH1/** (there may be other names)



6. A window opens with two tabs at the top: **CNC** e **Cloud**

### CNC

- CNC** is the machine folder that contains the shared files. What you see is physically on the Machine's drive
- Click on the + to expand folders
- Usually, the last folder has the name of your company.
- Click on this folder. Wait until it has loaded the entire set of files
- Find the file you just transferred and select it
- Click on  symbol to save link

- g. At this point the **Part Program** is on the machine and will appear in the list of the machine itself.

## Cloud

It contains the entire set of Part Programs of all the phases present on the machinery. If you know of a PP of a phase that you are interested in transferring to the current phase, open the folder,



locate the file and save it as a file in the current CNC structure. Click on  to confirm  
Transfer to machine has been completed

# 14. Planning

The screenshot shows the 'Planning' interface for machine 'BIGLIA B750'. It displays three work order phases:

- Phase 1:** BIELLA MO... ALESATUR... (0/2500 parts, 0% Oee, 0h 0min time). Status: W.O. (Work Order).
- Phase 2:** PISTONE PERNIO BIE... (0/100 parts, 0% Oee, 0h 0min time). Status: W.O. (Work Order).
- Phase 3:** PISTONE TORNIT... (9/10000 parts, 98.17% Oee, 2h 55min time). Status: NOW (Now).

On the right, there is a 'Filters' section and a list of activities to do (6):

- CLIENTE DI PROVA 1201 SO: S2021-09-29 (WO: ODL2909, Delivery: 31/10/2021)
- OFFICINE MECCANICHE SRL SO: SO20220013 (WO: WO20220009, Delivery: 04/07/2022)
- CLIENTE DI PROVA 1201 SO: SO20220014

In this section it is possible to associate **manufacturing phases to machines**

List of activities on the right-hand side of the screen shows work orders that have not been assigned yet. By clicking on the blue harrow, you will expand WO, drag and drop phase into the box of a machine.

If at the time of adding a phase the machinery is busy, this will queue and when all previous phases finish, it will autonomously advance in the chronology of things to do

Details and further information:

The detailed view shows a work order phase with the following data:

- Timeline:** Inizio previsto: 01/12/21 11:01, Consegna OdL: 31/05/21, Consegna programmata: 01/12/21 11:02.
- Phase 3:** Officine riunite Ventilatore (Clone) (0/1 parts, 99.77% Oee, 2h 57min time). Status: NOW.
- Phase 4:** fabio2 bis Ventilatore (Clone) (0/2 parts, 0% Oee, 0h 0min time). Status: W.O.

Annotations 1 through 8 point to specific elements in the interface:

- Expected beginning time, expected delivery of both work order and sales order.
- Phase progress indicator.
- Phase position number.
- Drag and drop area for phases.
- Drag and drop area for new activities.
- Phase position number.
- Phase position number.
- Phase position number.

- 1 Expected beginning time, expected delivery of both work order and sales order
- 2 Phase progress indicator. When fully operational, this indicator advances in real time
- 3 This number indicates the phase position, by clicking on it you can reschedule time

Replanning ×

---

Enter before the phase:

1: ODL2409 - Rod boring ▼

---

Cancel Save

Drag the paired phases here
🔗

#### 4 Dropping area for simultaneous phases

By releasing the phase in this space, we are telling the system that production must take place **in parallel with other phases and therefore simultaneously**

#### 5 Drag and drop activity box

By releasing the phase in this space, we are telling the system that the production of this phase must take place **as soon as the previous one is finished, unless otherwise programmed**

Drag and Drop here a new activity

---

**6**  **rescheduling button.** By clicking this command, scheduled activities (including parallel ones) will be cancelled and you can set new expected beginning times

×

---

New expected begin:

3/15/2022 11:41 AM 📅 ⌚

---

Cancel Save

**7**  **Unlink phase.** Clicking on this button the phase returns to the activities to be done in the box on the right. This action becomes essential in case you want **to close a work order** from the order page.

**8 Parts for Stroke indicator.** Click to reset the value coming from the phase master data sheet.

Phase	pz	Oee	Time	Avg. Time	Parts for Stroke	
BRIONI 0210017	Piston Rod FCA 500 Boring	0/1000	0%	0h 0min	0h 0min	<span style="background-color: #0070C0; color: white; padding: 2px 5px;">1</span>

Strokes:

Save

## Symbols used

### Simboli operativi sugli OdL / Fasi



Avvia produzione da stato **Inattivo**



**Significato** : Metti in Pausa

**Stato corrente:** Il macchinario è in fase operativa e sta lavorando il/i pezzi da produrre

**Evento al click:** Interrompe il conteggio tempo di attività ma riavvia il conteggio tempo di pausa



**Significato** : Riavvia produzione

**Stato Corrente:** Il macchinario è in pausa

**Evento al Click:** Il conteggio produzione riparte da dov'era e viene interrotto quello di pausa. La produzione riprende



**Significato** : Stop produzione senza possibilità di ripresa.

**Stato Corrente:** Il macchinario è in fase operativa e sta lavorando il/i pezzi da produrre

**Evento al click:** Interrompe il conteggio tempo di attività e visualizza l'icona chiudi OdL



**Significato** : Chiudi Fase in lavorazione

**Stato Corrente:** Il macchinario è stato fermato senza possibilità di ripresa attraverso una azione manuale o per completamento fase.

**Evento al click** : Chiude la **fase**. Se completa anche l'**OdL**. se è l'ultimo OdL anche la **commessa**

## Starting Production

Continuing the tutorial started in the previous chapter, step by step we start a work process



- Click on **Planning**
- Type the PO Number in the Search field at the top right and press Enter

That is what you see

Activity to do (238)

Filters x

---

Biella srl SO: aa001

▼ WO: Delivery: 31/10/2019

---

▼ WO: Delivery: 31/10/2019

---

▼ WO: 541927 Delivery: 26/05/2020

---

Royal Societies SO: CM 1106/b

▼ WO: WO20220094 Delivery: 12/06/2022

---

Gli orologiai SNC SO: CM-03

▼ WO: WO20220063 Delivery: 19/05/2022

---

▼ WO: WO20220064 Delivery: 07/05/2022

- Click on ▼ to expand WO details

BMW Workshop SO: SO20220002

▲ WO: WO20220003 Delivery: 18/01/2022

**Piston FCA 500**

Rod boring 0/44

Estimated time: 0h 22m

- Choose a machine to assign phase from the machinery list on the left.
- Click on the phase tab, hold it down and drag it to the machinery box

In parallel

Drag the paired phases here

In sequence

Drag and Drop here a new activity

---

- Drop WO by releasing the mouse
- On the form generated under the chosen machinery, click on the link of the Work Order Number

Inizio previsto: 04/11/21 10:48			Consegna OdL: 04/11/21			Consegna programmata: 04/11/21 11:18		
ODL		Fase			Pz.			
1	so20210097 TUTORIA...	Sicad S.p.a. - VALIGETTA PORTAUTENSILI 18" CON PIASTRA METALLO	so20210097 TUTORIA... - wo20210...	Fase Fabio	0/30			

Click qui

The Work Orders page opens

Piston FCA 500 - WO: WO20220003, 44 pz

Delivery Date: 17/01/2022



Customer: BMW Workshop Sales Order: SD20220002 of 18/01/2022

Biglia B465-T2Y2

External Turning Phase 1

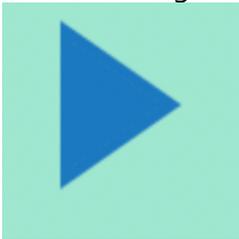


OEE: 99.4%  
Total: 1h 6m  
Time/Unit: 0h 3m



Comments Attachments Templates

- Click on triangle to start production



## VALIGETTA PORTAUTENSILI 18" CON PIASTRA METALLO

OdL: wo20210134, 30 pz

Data di Consegna 03/11/2021

Cliente: Sicad S.p.a.

Commessa: so20210097 TUTORIAL del 04/11/2021

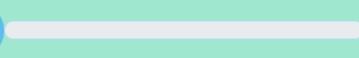


Macchina di fabio2

wo20210134 - VALIGETTA PORTAUTENSILI 18"

0/30

OEE: 0%  
Tot: 0h 0m  
T.Pz: 0h 0m



Comments Attachments Documents 16

From this moment on, we will see the estimated and actual production progress on the references of this work order as well as the progressive cost / time / revenue summary.

## Production Progress

If the machine is a **fully automated model** and is connected via the **IoT Tablet**, the information on the progress, the completion of the pieces, the stroke count, or other events under monitoring, are provided directly by the machine that passes them to the Tablet, which passes them to **iProdMOP**. In this case, the operator, in addition to starting the work order and closing it when it is finished, does not have to do anything else.

**In the event that the machinery does not have the features listed above**, the operator must manually input some vital information:

As soon as the phase has been dragged onto the machinery box, the operator can assign the strokes per piece by clicking on the blue number lined up under Parts per stroke:

Consegna OdL: 31/05/21    Consegna programmata: 03/11/21 16:48

zione)

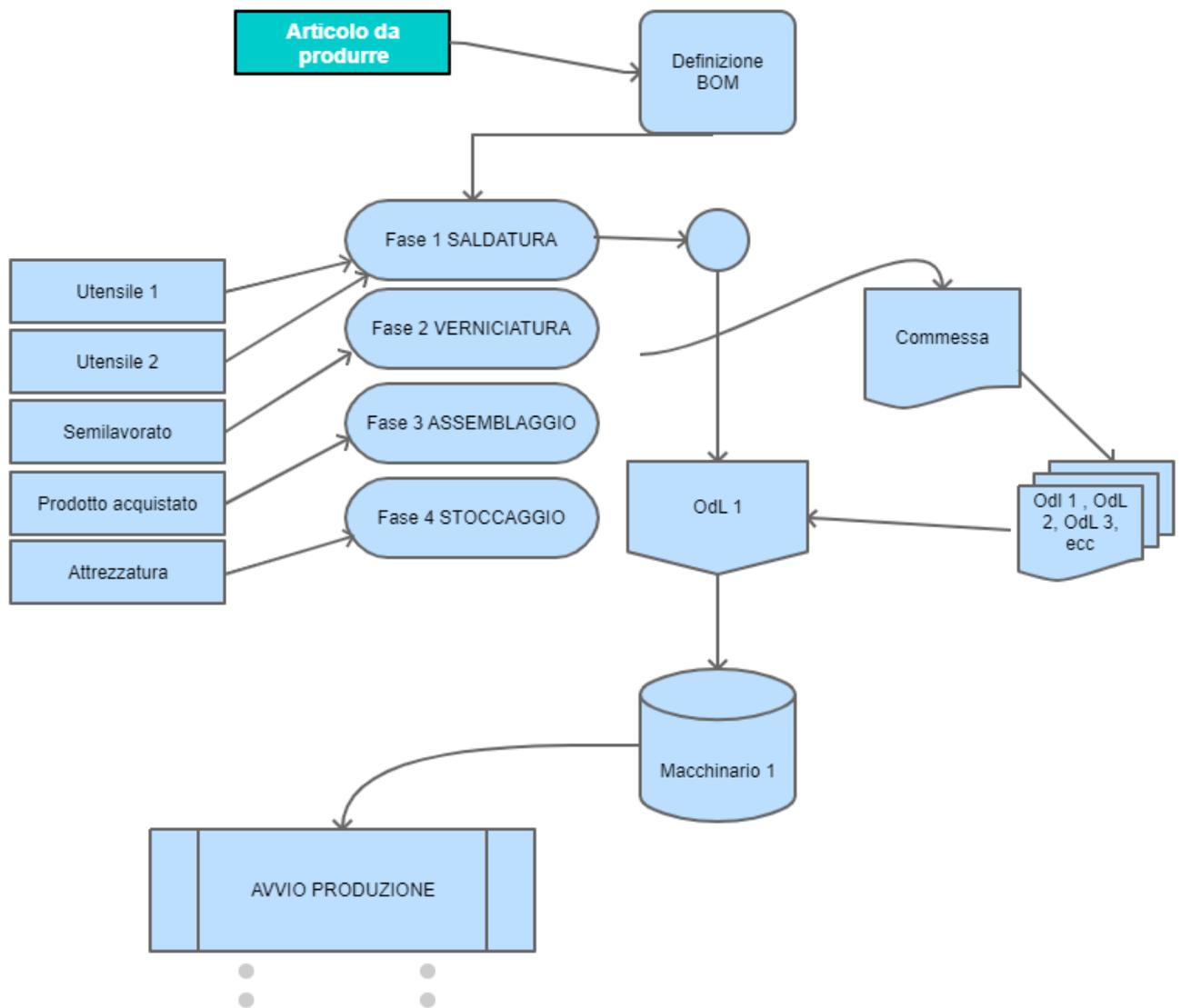
Fase	Pz.	Oee	Tempo	Tempo medio	Parti per colpo	
nite Ventilatore (Clone) ol2 Smussatura	0/1	99,72%	14h 52min	0h 0min	6	Tra
ciao Ag				0min	1	

Modifica parti per colpo

Parti per colpo:

- 6 +

Salva



**Flow Chart 1.**

The flow chart shows the logical scheme of the activities

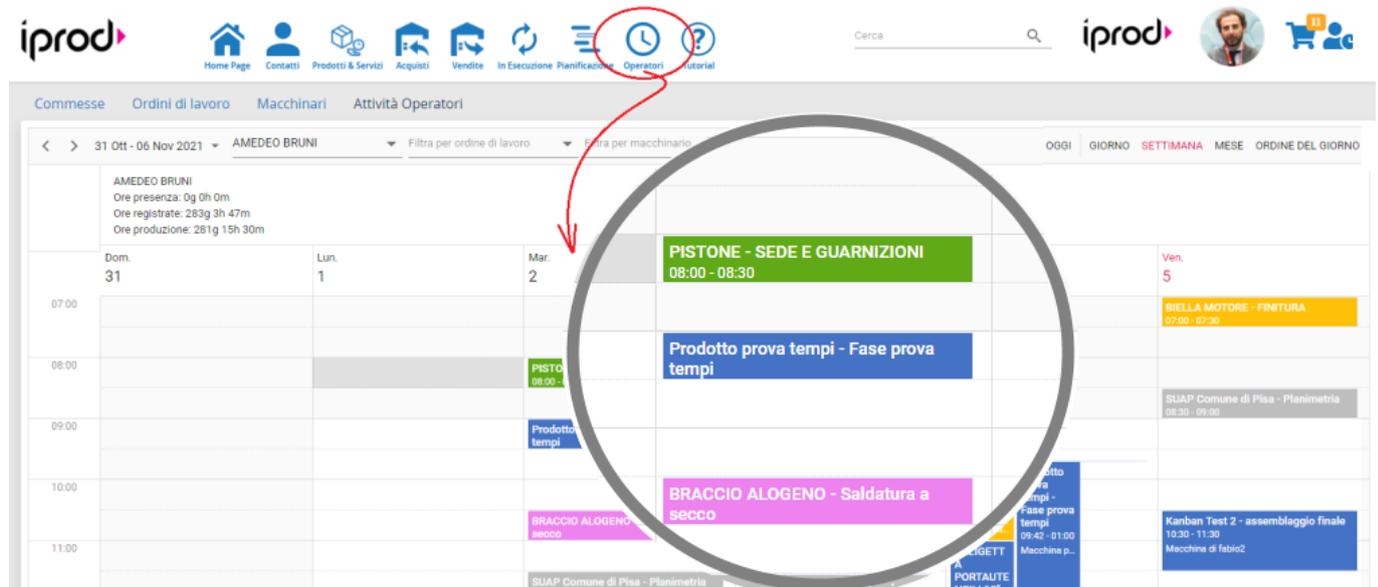
Planning deals with the last two steps of the graph. From the work order to the machinery, to the start of production

# 15. Operators

## Production calendar and timesheet

Through **Operator** Menu, production manager can monitor staff times and tasks, plan human resources and equipment.

On the other hand, the operator will find jobs assigned to him, simply by authenticating himself to the IoT tablet connected to the machine



Access to this page is exclusively for **administrators** or super **administrators**

## Adding Extraordinary Events

- **Click on the day and time** you want to add a new event

The following form appears

## New Event



Date 8/2/2022  

Operator AMEDEO BRUNI 

Status 

Phase 

From 8/2/2022  7:00 

To 8/2/2022  7:30 

**SAVE** CANCEL

C

- Choose **operator**
- Choose **Status**

## New Event



Date 8/2/2022 

Operator AMEDEO BRUNI 

Status 

Phase 

From 

To 

- Machine
- Production**
- Programming
- Setting
- Pre-Production
- Pause
- Cleaning
- Operator

EL

- Choose **phase**, selection can be done from opened work order or closed work orders

## New Event



Date 8/2/2022

Operator AMEDEO BRUNI

Status

Phase

From

Closed work orders

To W0001-BMW Workshop - Cylinder Block V8 - FRONTAL MILLING PHASE 3

W45 - Piston Rod FCA 500 - Milling

BRIONI-DEMO - Pre-Couture Ventiquattro celeste - 0273 - Cucitura fodere spalle

Closed work orders

wo20210016 - Prodotto di prova Simone - TORNITURA

- Select **the period of time** you expect activity to last

From 8/2/2022 7:00

To 8/2/2022 7:30

**SAVE** **CANCEL**

- To finish, click on **SAVE**

## New Event



Date	8/2/2022		
Operator	AMEDEO BRUNI	▼	
Status	Production	▼	
Phase		▼	
From	8/2/2022		
		7:00	
To	8/2/2022		
		7:30	
Parts		▼ ▲	
<input checked="" type="checkbox"/>	Create production declaration		

SAVE

CANCEL

If "Create production declaration" Creation is checked, a **Production Declaration** document is added in the 'draft' phase

