

What Printing Method to Choose?

help.fracttal.com/hc/change_language/en-us

The Fracttal One platform generates unique QR codes for each asset, allowing users to access information, register work orders, and update data quickly. The use of these codes improves access to work orders, eliminates manual errors, facilitates traceability, and digitizes processes, making management more efficient.

Printing Formats

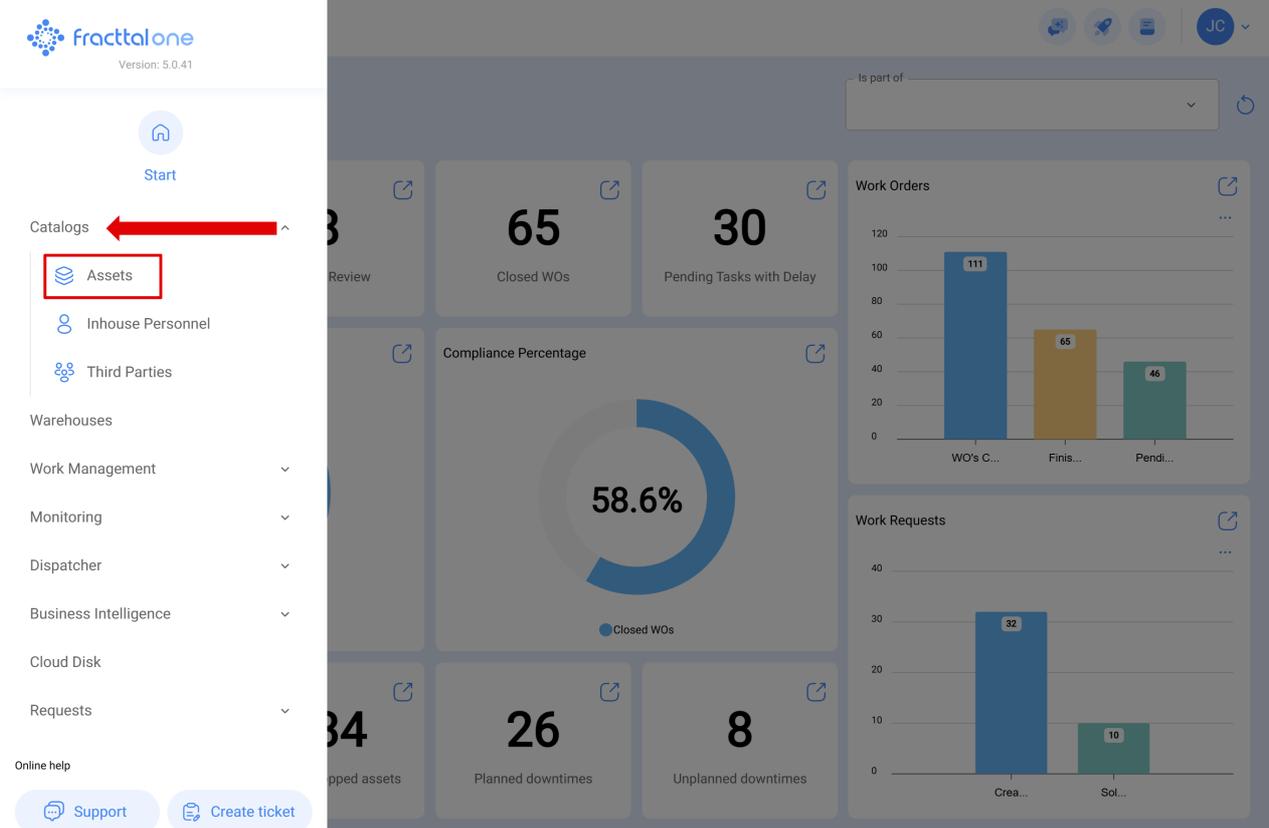
Standard printing format in Fracttal One: For general needs, direct printing from the platform is available, using any conventional inkjet or laser printer to print QR codes on standard paper or adhesive labels.

Custom formats with external software: Although Fracttal One allows the printing of QR codes in a predefined standard format, there are external software options that offer greater flexibility, allowing customization of both the format and design of QR code labels.

Printing QR Codes in Fracttal One

To print QR codes directly from the Fracttal One platform, follow these steps:

1. Identify the assets you want to print by navigating to **Catalogs > Assets**.



The screenshot shows the Fracttal One dashboard interface. On the left, there is a navigation menu with the following items: Start, Catalogs, Assets (highlighted with a red box and a red arrow pointing to it), Inhouse Personnel, Third Parties, Warehouses, Work Management, Monitoring, Dispatcher, Business Intelligence, Cloud Disk, Requests, and Online help. At the bottom of the menu are 'Support' and 'Create ticket' buttons. The main dashboard area displays various metrics and charts, including 'Closed WOs' (65), 'Pending Tasks with Delay' (30), 'Compliance Percentage' (58.6%), 'Work Orders' (bar chart with values 111, 65, 46), and 'Work Requests' (bar chart with values 32, 10).

2. Select the assets from the list.

← (1) Selected   

List  Treemap

| Enabled | Out of Service | Description | Code | Nombre | N° de chasis |
|---|----------------|--|----------|---------------------------------------|--------------|
| <input checked="" type="checkbox"/> Yes | No | { 0000-4 } VENTILADOR MECANICO MAQUET CRITICAL CARE 2500 ... | 0000-4 | VENTILADOR MECANICO | MAQUET C |
| <input type="checkbox"/> No | Yes | { 000-2 } VENTILADOR MECANICO ARYZTA 2500 RPM | 000-2 | VENTILADOR MECANICO | ARYZTA |
| <input type="checkbox"/> No | No | { 000-3 } VENTILADOR MECANICO ARYZTA 2500 RPM | 000-3 | VENTILADOR MECANICO | ARYZTA |
| <input type="checkbox"/> No | No | { 05 } BEBEDOURO - JOÃO LUCAS | 05 | BEBEDOURO - JOÃO LUCAS | |
| <input type="checkbox"/> Yes | No | { 070128 } BOMBA SUMERGIBLE bombas-chile 380 | 070128 | BOMBA SUMERGIBLE | bombas-ch |
| <input type="checkbox"/> Yes | No | { 070129 } BOMBA SUMERGIBLE bombas-chile 380 | 070129 | BOMBA SUMERGIBLE | bombas-ch |
| <input type="checkbox"/> Yes | No | { 080167 } MOTOR SICMEMOTORI 380/440/440 | 080167 | MOTOR | SICMEMOT |
| <input type="checkbox"/> Yes | No | { 090403 } CONJUNTO MOTOR CC Y VENTILACION FORZADA ORE... | 090403 | CONJUNTO MOTOR CC Y VENTILACION FO... | OREMOR |
| <input type="checkbox"/> Yes | No | { 10000844 } PERFORADORA HIDRAULICA ATLAS COPCO 2003 | 10000844 | PERFORADORA HIDRAULICA | ATLAS COF |
| <input type="checkbox"/> Yes | No | { 10000860 } PERFORADORA HIDRAULICA ATLAS COPCO 2005 | 10000860 | PERFORADORA HIDRAULICA | ATLAS COF |
| <input type="checkbox"/> Yes | No | { 10000881 } PERFORADORA HIDRAULICA ATLAS COPCO 2006 | 10000881 | PERFORADORA HIDRAULICA | ATLAS COF |
| <input type="checkbox"/> Yes | No | { 10000905 } PERFORADORA NFUMATICA MFUJON 1989 | 10000905 | PERFORADORA NFUMATICA | MFUJON |

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3. Open the side menu.

← (1) Selected   

List  Treemap

| Enabled | Out of Service | Description | Code | Nombre | N° de chasis |
|---|----------------|--|----------|---------------------------------------|--------------|
| <input checked="" type="checkbox"/> Yes | No | { 0000-4 } VENTILADOR MECANICO MAQUET CRITICAL CARE 2500 ... | 0000-4 | VENTILADOR MECANICO | MAQUET C |
| <input type="checkbox"/> No | Yes | { 000-2 } VENTILADOR MECANICO ARYZTA 2500 RPM | 000-2 | VENTILADOR MECANICO | ARYZTA |
| <input type="checkbox"/> No | No | { 000-3 } VENTILADOR MECANICO ARYZTA 2500 RPM | 000-3 | VENTILADOR MECANICO | ARYZTA |
| <input type="checkbox"/> No | No | { 05 } BEBEDOURO - JOÃO LUCAS | 05 | BEBEDOURO - JOÃO LUCAS | |
| <input type="checkbox"/> Yes | No | { 070128 } BOMBA SUMERGIBLE bombas-chile 380 | 070128 | BOMBA SUMERGIBLE | bombas-ch |
| <input type="checkbox"/> Yes | No | { 070129 } BOMBA SUMERGIBLE bombas-chile 380 | 070129 | BOMBA SUMERGIBLE | bombas-ch |
| <input type="checkbox"/> Yes | No | { 080167 } MOTOR SICMEMOTORI 380/440/440 | 080167 | MOTOR | SICMEMOT |
| <input type="checkbox"/> Yes | No | { 090403 } CONJUNTO MOTOR CC Y VENTILACION FORZADA ORE... | 090403 | CONJUNTO MOTOR CC Y VENTILACION FO... | OREMOR |
| <input type="checkbox"/> Yes | No | { 10000844 } PERFORADORA HIDRAULICA ATLAS COPCO 2003 | 10000844 | PERFORADORA HIDRAULICA | ATLAS COF |
| <input type="checkbox"/> Yes | No | { 10000860 } PERFORADORA HIDRAULICA ATLAS COPCO 2005 | 10000860 | PERFORADORA HIDRAULICA | ATLAS COF |
| <input type="checkbox"/> Yes | No | { 10000881 } PERFORADORA HIDRAULICA ATLAS COPCO 2006 | 10000881 | PERFORADORA HIDRAULICA | ATLAS COF |
| <input type="checkbox"/> Yes | No | { 10000905 } PERFORADORA NFUMATICA MFUJON 1989 | 10000905 | PERFORADORA NFUMATICA | MFUJON |

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4. Click on the "Print QR" option.

(1) Selected

List Treemap

| Enabled | Out of Service | Description | Code | Nombre |
|-------------------------------------|----------------|--|----------|--|
| <input checked="" type="checkbox"/> | No | { 0000-4 } VENTILADOR MECANICO MAQUET CRITICAL CARE 2500 ... | 0000-4 | VENTILADOR MECANICO |
| <input type="checkbox"/> | Yes | { 000-2 } VENTILADOR MECANICO ARYZTA 2500 RPM | 000-2 | VENTILADOR MECANICO |
| <input type="checkbox"/> | No | { 000-3 } VENTILADOR MECANICO ARYZTA 2500 RPM | 000-3 | VENTILADOR MECANICO |
| <input type="checkbox"/> | No | { 05 } BEBEDOURO - JOÃO LUCAS | 05 | BEBEDOURO - JOÃO LUCAS |
| <input type="checkbox"/> | No | { 070128 } BOMBA SUMERGIBLE bombas-chile 380 | 070128 | BOMBA SUMERGIBLE |
| <input type="checkbox"/> | No | { 070129 } BOMBA SUMERGIBLE bombas-chile 380 | 070129 | BOMBA SUMERGIBLE |
| <input type="checkbox"/> | No | { 080167 } MOTOR SICMEMOTORI 380/440/440 | 080167 | MOTOR |
| <input type="checkbox"/> | No | { 090403 } CONJUNTO MOTOR CC Y VENTILACION FORZADA ORE... | 090403 | CONJUNTO MOTOR CC Y VENTILACION FO... OREMOR |
| <input type="checkbox"/> | No | { 10000844 } PERFORADORA HIDRAULICA ATLAS COPCO 2003 | 10000844 | PERFORADORA HIDRAULICA |
| <input type="checkbox"/> | No | { 10000860 } PERFORADORA HIDRAULICA ATLAS COPCO 2005 | 10000860 | PERFORADORA HIDRAULICA |
| <input type="checkbox"/> | No | { 10000881 } PERFORADORA HIDRAULICA ATLAS COPCO 2006 | 10000881 | PERFORADORA HIDRAULICA |
| <input type="checkbox"/> | No | { 10000905 } PERFORADORA NEUMATICA MFLIDON 1989 | 10000905 | PERFORADORA NEUMATICA |

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- Open PDF
- Export
- Bulk export data
- Print QR**
- Import
- Delete Imported Data
- Fields Configuration
- Clone Asset
- Batch Edition

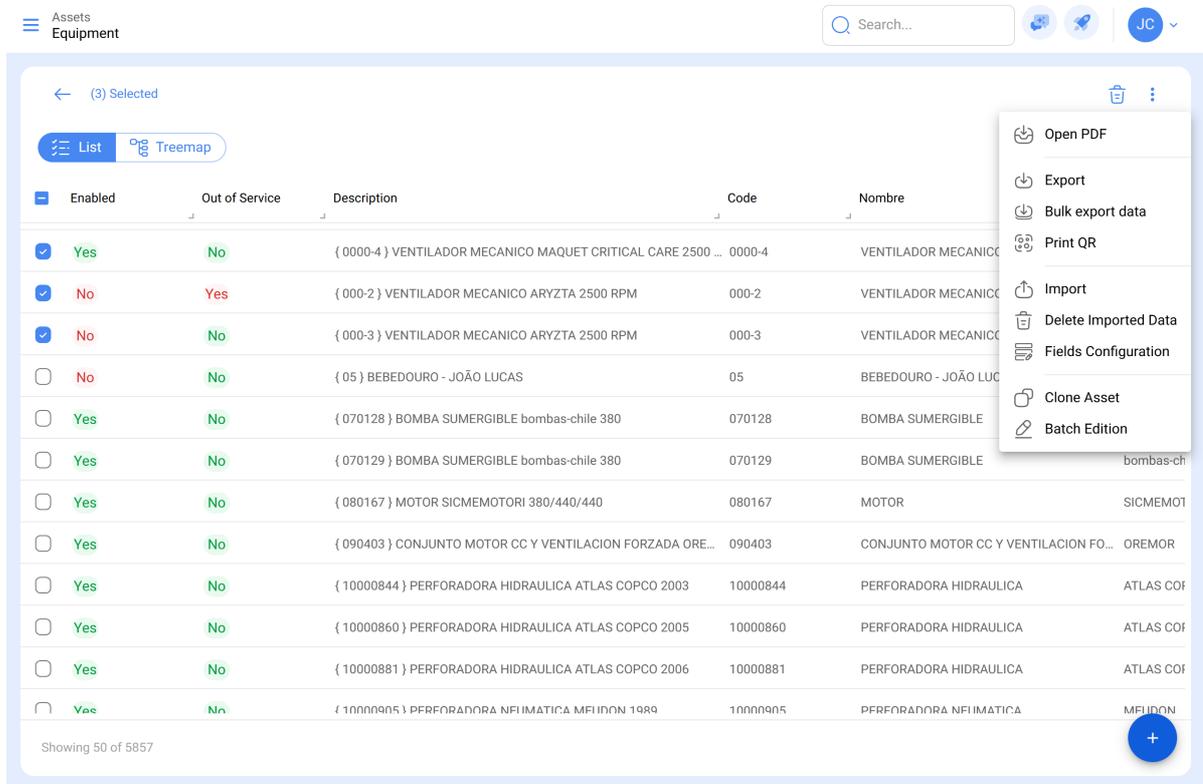
Upon clicking, the system will display a new PDF window with the information ready for printing or download.



Printing QR Codes with External Software

To use external software for QR code printing, it is necessary to export the information associated with the **"QR Code URL"** field of the assets for which you want to generate labels. To do so:

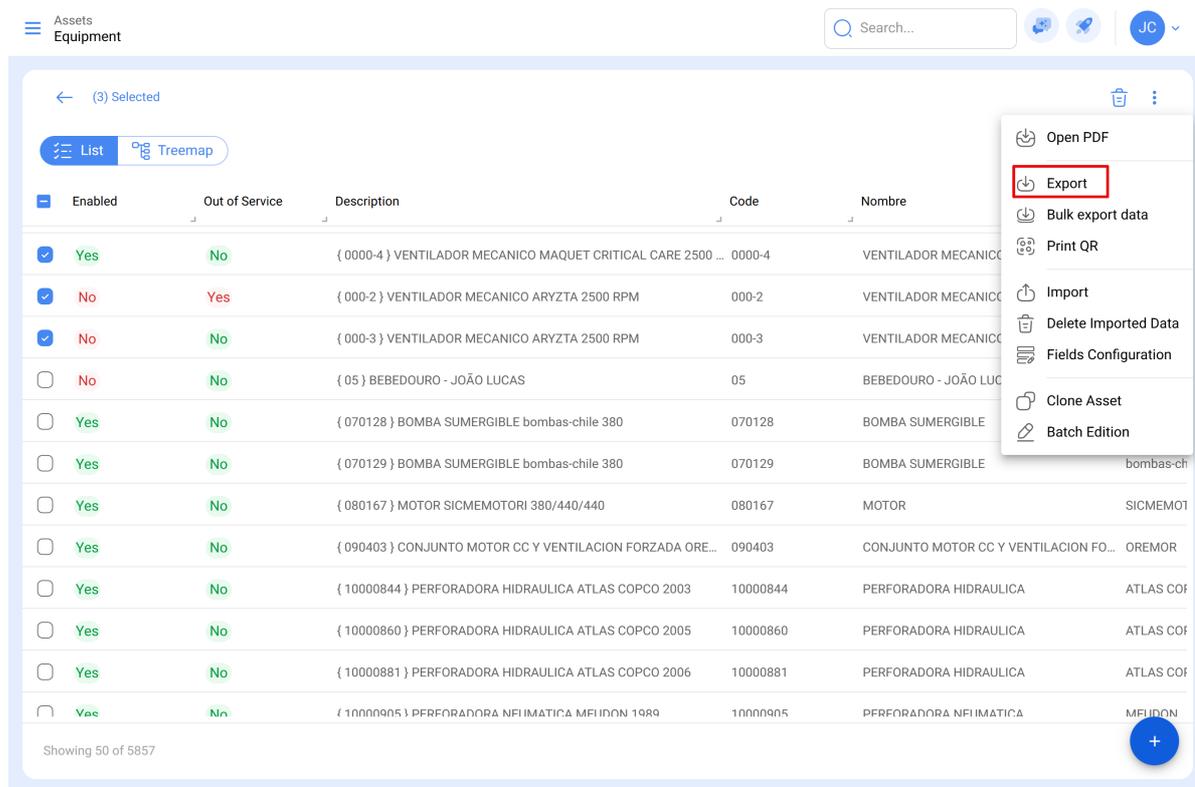
1. Go to the **asset list view** and proceed with the export of this data.



The screenshot shows the 'Assets Equipment' interface. At the top, there is a search bar and a user profile icon labeled 'JC'. Below the search bar, there is a navigation bar with a back arrow, '(3) Selected', and two tabs: 'List' (active) and 'Treemap'. A table of assets is displayed with columns: 'Enabled', 'Out of Service', 'Description', 'Code', and 'Nombre'. Three rows are selected, indicated by blue checkmarks in the 'Enabled' column. A context menu is open over the selected rows, listing actions: 'Open PDF', 'Export', 'Bulk export data', 'Print QR', 'Import', 'Delete Imported Data', 'Fields Configuration', 'Clone Asset', and 'Batch Edition'. The table shows various assets such as 'VENTILADOR MECANICO MAQUET CRITICAL CARE 2500 ...', 'VENTILADOR MECANICO ARYZTA 2500 RPM', 'BEBEDOURO - JOÃO LUCAS', 'BOMBA SUMERGIBLE bombas-chile 380', 'MOTOR SICMEMOTORI 380/440/440', and 'PERFORADORA HIDRAULICA ATLAS COPCO 2003'. At the bottom left, it says 'Showing 50 of 5857' and at the bottom right, there is a blue plus button.

| Enabled | Out of Service | Description | Code | Nombre |
|-------------------------------------|----------------|--|----------|--|
| <input checked="" type="checkbox"/> | No | { 0000-4 } VENTILADOR MECANICO MAQUET CRITICAL CARE 2500 ... | 0000-4 | VENTILADOR MECANICO |
| <input checked="" type="checkbox"/> | Yes | { 000-2 } VENTILADOR MECANICO ARYZTA 2500 RPM | 000-2 | VENTILADOR MECANICO |
| <input checked="" type="checkbox"/> | No | { 000-3 } VENTILADOR MECANICO ARYZTA 2500 RPM | 000-3 | VENTILADOR MECANICO |
| <input type="checkbox"/> | No | { 05 } BEBEDOURO - JOÃO LUCAS | 05 | BEBEDOURO - JOÃO LUCAS |
| <input type="checkbox"/> | Yes | { 070128 } BOMBA SUMERGIBLE bombas-chile 380 | 070128 | BOMBA SUMERGIBLE |
| <input type="checkbox"/> | Yes | { 070129 } BOMBA SUMERGIBLE bombas-chile 380 | 070129 | BOMBA SUMERGIBLE |
| <input type="checkbox"/> | Yes | { 080167 } MOTOR SICMEMOTORI 380/440/440 | 080167 | MOTOR |
| <input type="checkbox"/> | Yes | { 090403 } CONJUNTO MOTOR CC Y VENTILACION FORZADA ORE... | 090403 | CONJUNTO MOTOR CC Y VENTILACION FO... OREMOR |
| <input type="checkbox"/> | Yes | { 10000844 } PERFORADORA HIDRAULICA ATLAS COPCO 2003 | 10000844 | PERFORADORA HIDRAULICA |
| <input type="checkbox"/> | Yes | { 10000860 } PERFORADORA HIDRAULICA ATLAS COPCO 2005 | 10000860 | PERFORADORA HIDRAULICA |
| <input type="checkbox"/> | Yes | { 10000881 } PERFORADORA HIDRAULICA ATLAS COPCO 2006 | 10000881 | PERFORADORA HIDRAULICA |
| <input type="checkbox"/> | Yes | { 10000905 } PERFORADORA NEUMATICA MEJIDON 1989 | 10000905 | PERFORADORA NEUMATICA |

2. Once exported, a file in **Excel (.xlsx) format** will be downloaded, containing all asset information, including the QR code URL, asset name, description, and other previously registered details for the selected items.



To simplify label customization, it is recommended to retain only the most relevant information, removing unnecessary columns. Suggested data to keep includes:

- **QR Code URL** – Ensures the correct generation of the code in the printing software.
- **Asset Code** – Facilitates quick and accurate identification.
- **Asset Name** – Enhances visualization and association of the code with the corresponding asset.

| | A | B | C | D |
|---|---|--------|---------------------|----------------------|
| 1 | Url QR Code | Code | Nombre (C) | N° de chasis (C) |
| 2 | https://app.fractal.com/#inventories.equipments/30048728 | 0000-4 | VENTILADOR MECANICO | MAQUET CRITICAL CARE |
| 3 | https://app.fractal.com/#inventories.equipments/23469485 | 000-2 | VENTILADOR MECANICO | ARYZTA |
| 4 | https://app.fractal.com/#inventories.equipments/23469487 | 000-3 | VENTILADOR MECANICO | ARYZTA |

Depending on operational needs, additional data, such as brand or serial number, can also be included as long as they contribute to more efficient identification.

3. After refining the data, input it into the external software and generate the customized labels.

For more information, check the article "[How to Customize QR Codes with External Software \(Zebra\)](#)" and review the complete tutorial with examples from the Zebra software.

Note: Each external software has its own usage method, but generally, the process involves importing the exported file and configuring the printing settings as needed.

Users can **customize the label design** or maintain a uniform format for all, adjusting size, layout, and other elements.

Best Practices

- Use **durable materials** for harsh environments.
- Maintain **good contrast** between a light background and a dark QR code.
- Place labels in **easily accessible locations**, protected from wear.
- **Test before mass production** to ensure readability.

The durability and legibility of QR codes depend largely on the material used. For more details on how to choose the right material, review the article "[Choosing the Material for QR Code Printing](#)"

Usage in Fracttal One

- Generate the QR code in the system.
- Print it on the appropriate material.
- Place it strategically on the asset.
- Scan it with the app to access **information and work orders**.

Note: It is important to highlight that direct QR code printing from Fracttal One is a **simplified option** provided by the platform and is **not editable**. If any modification or specialized printing is required, users must select the desired asset and export the **QR Code URL** to use it in **external editing and printing software**.