

ODOO | MRP

Manufacturing
+ Maintenance + PLM + Quality



Manufacturing Reinvented

A modern solution to an old problem.



No more time clocking

Accurate planning directly based on real manufacturing times measures. All-in-one



All-in-one

MRP, Quality, Maintenance and PLM fully integrated.



Realtime Communication

Display worksheets, quality alerts to workers during operations.



Shop floor automation

Capture data in real-time from your equipment using the API.

Odoo MRP Features

Manage

Manufacturing orders

Manage your products into assembly lines or manual assembly.

Work orders

Launch production of items needed in the final assembly of your products.

Barcode

Use barcode to speed up your manufacturing operations: lot or serial number scanning, start/pause/stop stopwatch, trigger a maintenance request, move to the next step, etc.

Repair orders

Manage repairs of items under warranty or as a service.

Editable MOs

You are now able to consume other products despite what was initially planned and edit MOs once they are done.

Unbilled orders

Disassemble a finished product and recuperate components.

Schedule & Plan

Plan manufacturing

Get a clear view on your whole planning and easily reschedule manufacturing.

Organize work orders

Have access to all available resources and plan ahead with your production.

Manage Bill of Materials

Keep track of availability of items in stock and production time.

Workcenter Capacity

MRP II scheduler using capacities and schedules of workcenters.

Flexible Master Data

Create multi-level Bills of Materials

Set a Bill of Materials within another in order to manufacture components of a product in another Bill of Materials.

Optional routing

Create new routings for work orders in order to sequence your production depending on the routing used.

Version changes

Allow your products to evolve and add configurable options when creating orders.

Kits

Odoo's kitting features allows your salesperson to sell a kit, but you will deliver a set of products.

PLM

Versioning

Easily get differences between versions to track changes.

PLM

Track versions of products and ECO's as well as their respective documents. Merge different ECO's corresponding to the same BoM

Engineering Changes

Track changes with a great kanban process for ECOs.

Document Management

Store plans and worksheet directly on bill of materials and routings.

Quality

Control Points

Automatically trigger quality checks for the manufacturing department.

Quality Checks

Deploy your statistical process control easily with checks.

Quality Alerts

Organize your work using the kanban view of quality alerts.

Maintenance

Preventive Maintenance

Trigger maintenance requests automatically based on KPIs.

Corrective Maintenance

Trigger corrective maintenance directly from the control center panel.

Calendar

Schedule maintenance operations with a calendar.

Statistics

Get all maintenance statistics computed for you: MTBF,...

Workcenter Control Panel

Tablets

Set tablets on every work center to organize their work efficiently.

Record production

Register productions, scan products, lots or serial numbers.

Worksheets

Display worksheets directly on the workcenter with instructions for operator.

Misc Operations

Scrap products, create quality alerts, perform checks, right from the workcenter.

Alerts

Use alerts to show changes or quality checks to the operator.

Work order steps

Define multiple steps in a workorder and link them to worksheet pages: scan a product, take a picture, quality control, etc.

Reporting

Traceability

Get a full upstream traceability report on the components used during the manufacturing process

Cost analysis

Track the cost of each manufacturing order based on the cost of the components and on the cost of your operations (labor or material).

Overall Equipment Effectiveness

Analyze your work centers loads, the productivity losses and track your overall equipment effectiveness (OEE)