How to use Odoo in the textile Industry The Modetic use case

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SUMMARY

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- 5 Conclusion



Modetic

Company overview

Modetic



- O Jeans Manufacturer
- O 8 designs of jeans with different sizes (391 different products)
- One manufacturing location
- One stock location



Modetic: Issues before Odoo implementation

O No accurate view of the current stock level

O Difficulties to know when to resupply a product



Warehouse Management

Manufacturing



Module configuration

Warehouse Manufacturing

Warehouse configuration

Traceability

Traceability Track lots or serial numbers Expiry date on senai numbers Use packages: pallets, boxes, ... Manage owner on stock Accounting Accounting Generate accounting entries per stock movement Create and open the invoice when the user finish a delivery order Calculate landed costs on products Location & Warehouse Logistic Generate procurement in real time Manage multiple locations and warehouses Manage advanced routes for your warehouse Minimum days to trigger a propagation of date change in pushed/pull flows. **Products** Allow to define several packaging methods on products Decimal precision on weight 7 Manage different units of measure for products

Invoice products in a different unit of measure than the sales order



Manufacturing configuration

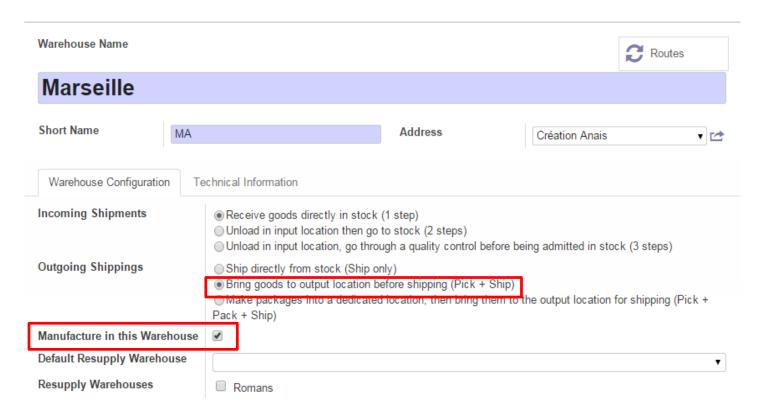
Manufacturing Order Order Produce several products from one manufacturing order Manage repairs of products Manage routings and work orders Allow detailed planning of work order Master Data Products Allow several bill of materials per products using properties

- O No additional settings to activate!
- Use of the variant to manage the production depending on the size



How Odoo answered Modetic business issues

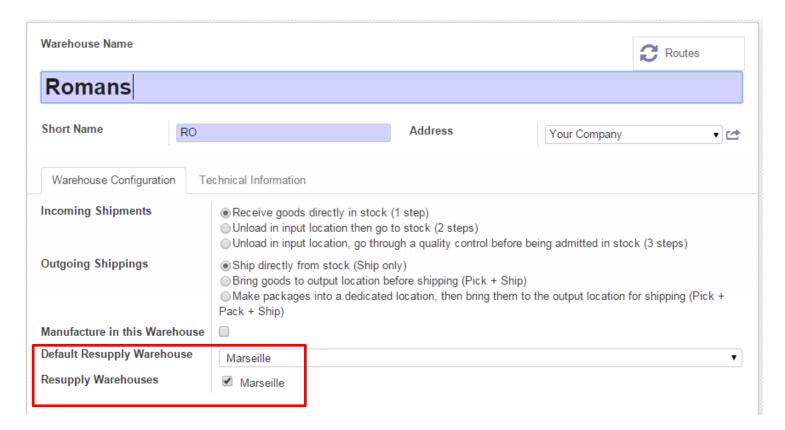
Warehouses configuration



- Outgoing shipping (2 steps): Quality control + shipping
- Manufacturing in Marseille



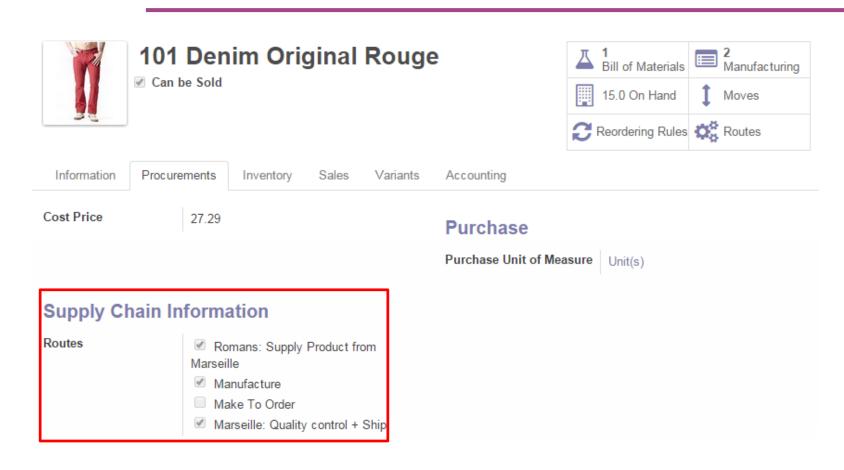
Warehouses configuration



O Romans stock will be resupply from Marseille



Procurement of products



Manufacturing

Quality control

Delivered to Romans



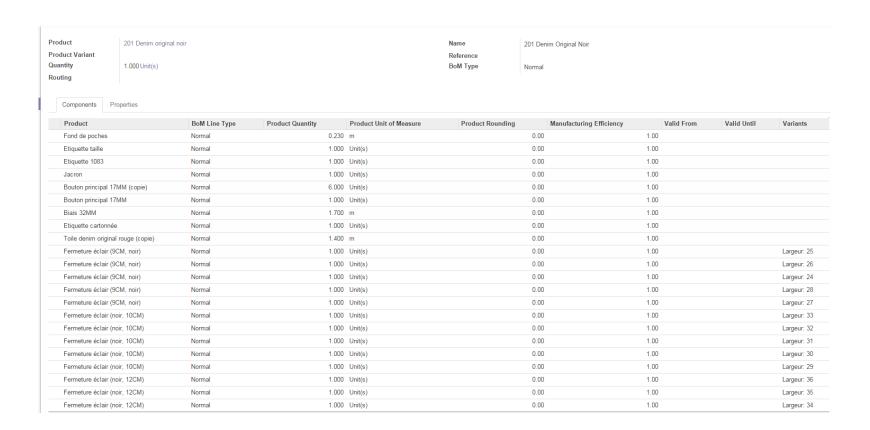
Reordering rule

Procurement Orders to Process Name Reordering Rule Denim Rouge 26/32 Warehouse Romans Product 101 Denim Original Rouge (26, 32) **Product Unit of Measure** Unit(s) Location RO/Stock Procurement Group Rules Misc Minimum Quantity 6.000 Active **Maximum Quantity** 15.000 **Quantity Multiple** 1.000

- O Minimum quantity: critical quantity that triggers the reordering rule
- Maximum quantity: number of products needed in stock when you resupply it.



Bill of materials



O Depending on the width of the jeans, the size of the zipper used in the manufacturing process will be different.



Demo of the workflow



A sale is done:

- O A delivery is made from the Warehouse of Romans
- O The stock level is altered
- O When we reach a critical quantity, the system send the order to resupply the warehouse





A manufacturing order is automatically created to fulfill the resupply requirement:

- A bill of material is associated to each product
- O The components vary depending on the sizes





All manufactured products go through a quality control in Marseilles:





Every products that went through the quality control are shipped to the warehouse in Romans

O Transfer between Marseilles and Romans





The products delivered from Marseilles are either used to:

- O Replenished Romans' stock
- O Deliver the customers if there wasn't enough stock



Conclusion

Conclusion

Project Modetic:

O 2 modules:

Warehouse management: handle the stock resupply Manufacturing: Manage the manufacturing of the jeans

O Time spent: 2 months



Thank you for your attention

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