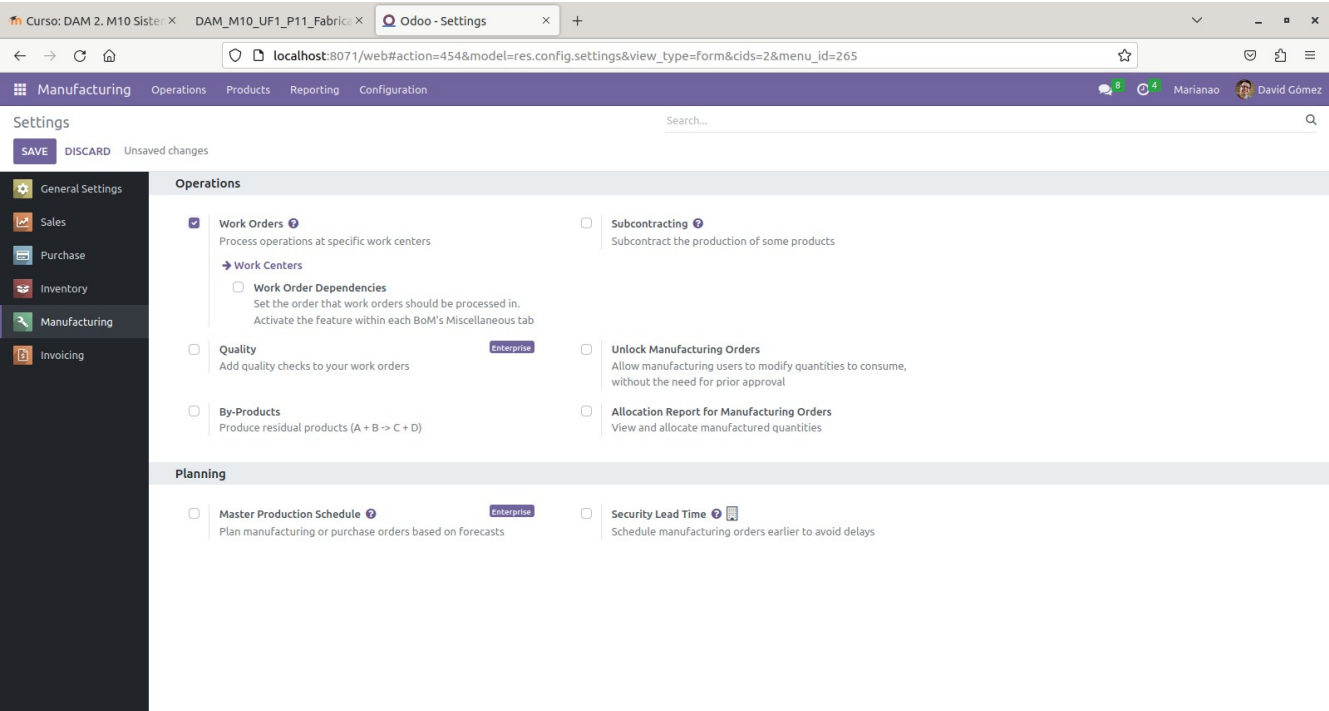


Mòdul de fabricació d’Odoo

En aquesta pràctica veurem com funciona a grans trets el mòdul de fabricació. Crearem un article a partir de peces soltes. Comencem activant l’opció ‘Work Orders’ a la configuració de ‘Manufacturing’.



Anem a ‘Work Centers’ i creem un taller de tall i un de muntatge. Els costos per hora són 190€ i 130€.

The screenshot shows the Odoo Work Centers page. The top navigation bar includes 'Manufacturing', 'Operations', 'Products', 'Reporting', and 'Configuration'. The page title is 'Work Centers' with a search bar. Below the title, there are buttons for 'NEW' and 'Import'. The table below lists the work centers:

	Work Center	Code	Tag	Alternative Workcenters	Cost per hour	Capacity	Time Efficiency	OEE Target
<input type="checkbox"/>	Taller de tall				190.00	1.00	100.00	90.00
<input type="checkbox"/>	Taller de muntatge				130.00	1.00	100.00	90.00

Creem un producte nou, una taula anomenada ‘Breta(CONFIG)’. Tindrà potes d’alumini i d’acer com a atributs extra.

The screenshot shows the Odoo Product Form for 'Breta(CONFIG)'. The product is currently set to 'EN' (English). It has 2 variants, 0.00 units on hand, and 0.00 units forecasted. The 'Can be Sold' checkbox is checked. The 'Attributes & Variants' tab is active, showing a table with columns 'Attribute' and 'Values'. The 'Legs' attribute is set to 'Steel' and 'Aluminium'. A 'CONFIGURE' button is visible. A warning message at the bottom states: 'Warning: adding or deleting attributes will delete and recreate existing variants and lead to the loss of their possible customizations.'

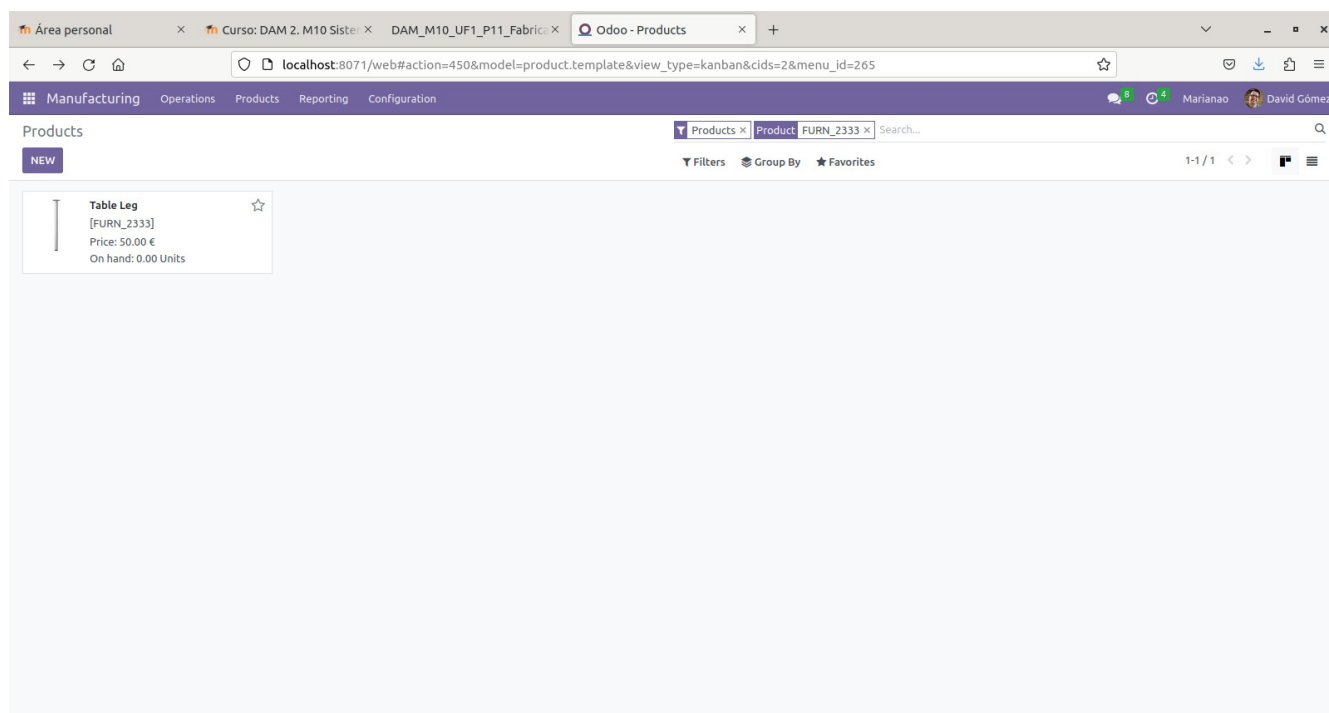
Attribute	Values
Legs	Steel Aluminium

Les potes d’acer tindran un preu addicional de 72€. Les d’alumini no afegeixen preu.

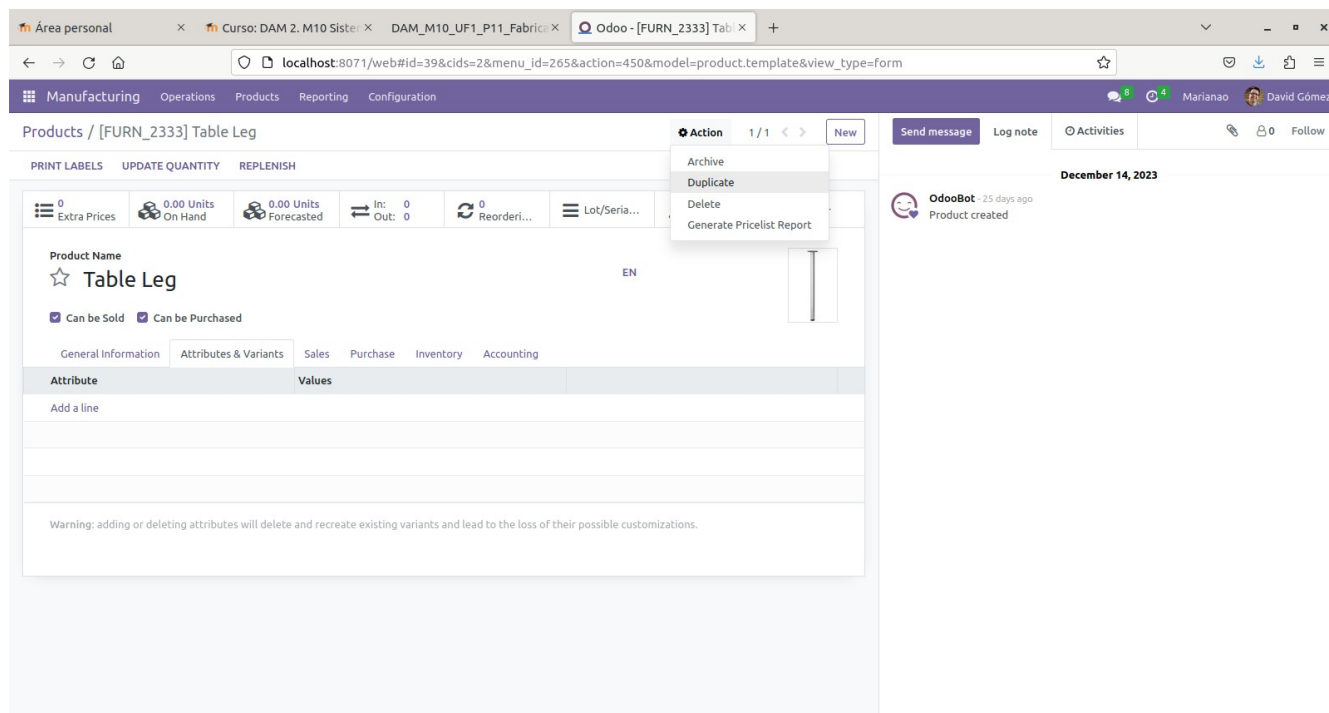
The screenshot shows the 'Product Variant Values' table for 'Breta(CONFIG)'. The table has columns 'Value', 'HTML Color Index', and 'Value Price Extra'. The 'Steel' variant has a price extra of 72.00 €, and the 'Aluminium' variant has a price extra of 0.00 €.

Value	HTML Color Index	Value Price Extra
Steel		72.00 €
Aluminium		0.00 €

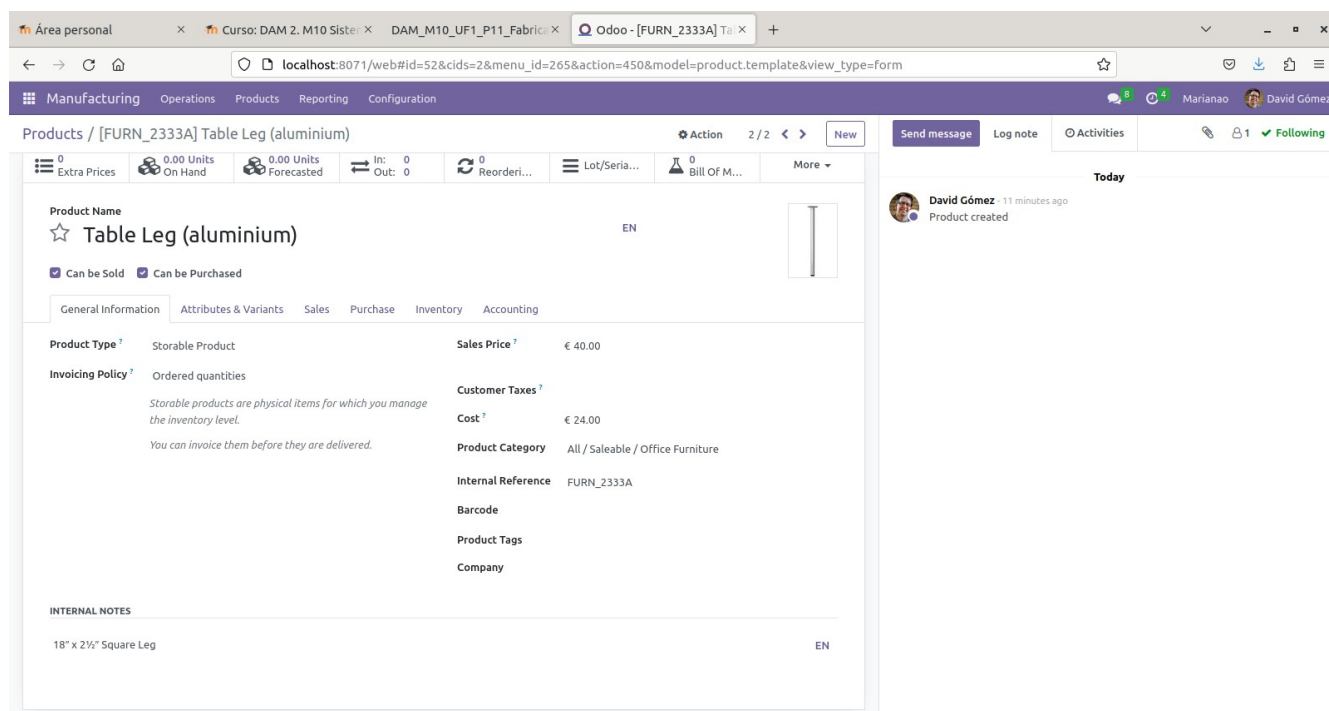
Busquem l’article existent ‘Table Leg’ a través del seu codi, FURN_2333.



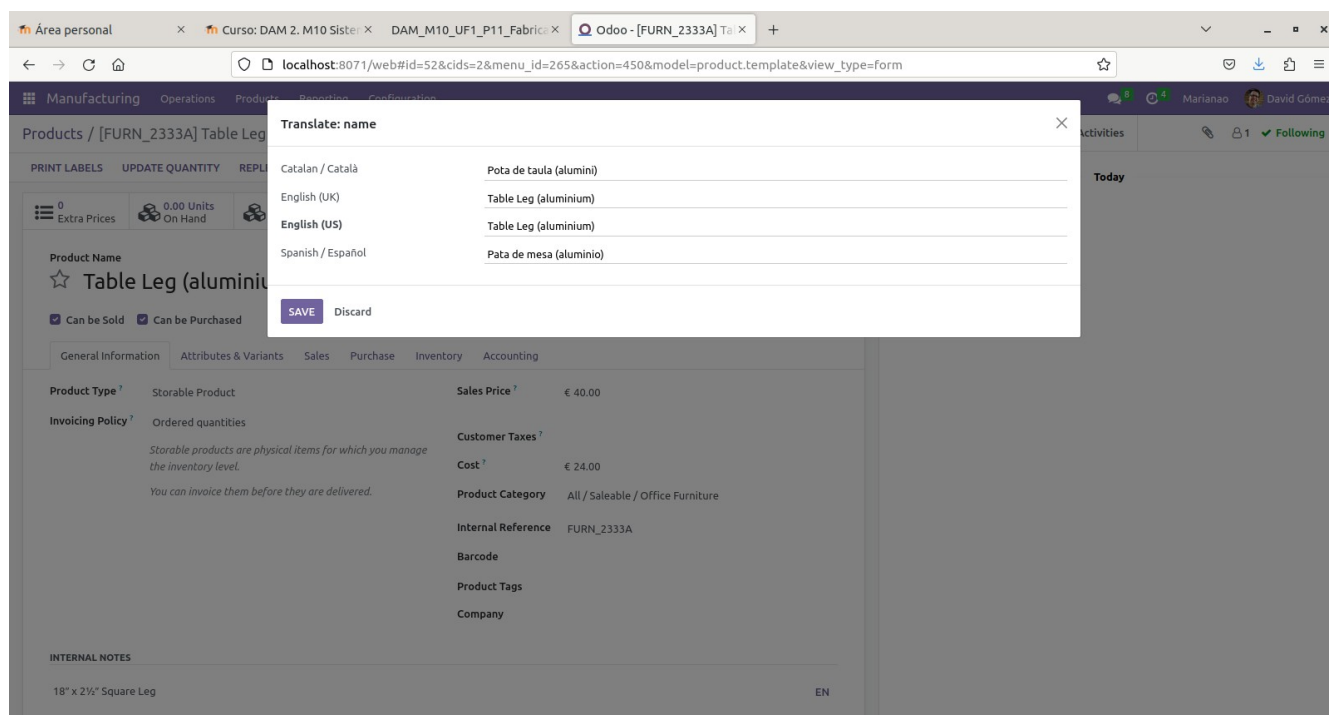
Dupliquem l'article per a crear varietats pròpies.



Canviem el codi de l'article duplicat a FURN_2333A, el reanomenem i li canviem els preus.



També tenim l'opció d'adaptar el nom a diferents idiomes.



Repetim el procés per a l'altra varietat de pota.

Área personal | Curso: DAM 2. M10 Siste... | DAM_M10_UF1_P11_Fabrica... | Odoo - [FURN_2333A] Tal... | +

localhost:8071/web#id=52&cids=2&menu_id=265&action=450&model=product.template&view_type=form

Manufacturing | Operations | Products | Reporting | Configuration | 8 | 4 | Mariano | David Gómez

Products / [FURN_2333A] Table Leg (aluminium) | Action | 2 / 2 | < > | New | Send message | Log note | Activities | 1 | Following

Product Name
☆ Table Leg (aluminium) EN

☒ Can be Sold ☒ Can be Purchased

General Information | Attributes & Variants | Sales | Purchase | Inventory | Accounting

OPERATIONS

Routes? ☒ Buy
☐ Manufacture
→ View Diagram

LOGISTICS

Responsible? David Gómez

Weight 0.00 kg

Volume 0.00 m³

Manuf. Lead Time? 0.00 days

Days to prepare 0.00 days

Manufacturing Order? 0.00 days

Customer Lead Time? 0.00 days

TRACEABILITY

Tracking? ☐ By Unique Serial Number
☐ By Lots
☒ No Tracking

DESCRIPTION FOR RECEIPTS

This note is added to receipt orders (e.g. where to store the product in EN

DESCRIPTION FOR DELIVERY ORDERS

This note is added to delivery orders. EN

Today

David Gómez - 13 minutes ago
Product created

Área personal | Curso: DAM 2. M10 Siste... | DAM_M10_UF1_P11_Fabrica... | Odoo - [FURN_2333S] Tal... | +

localhost:8071/web#id=53&cids=2&menu_id=265&action=450&model=product.template&view_type=form

Manufacturing | Operations | Products | Reporting | Configuration | 8 | 4 | Mariano | David Gómez

Products / [FURN_2333S] Table Leg (steel) | Action | 3 / 3 | < > | New | Send message | Log note | Activities | 1 | Following

PRINT LABELS | UPDATE QUANTITY | REPLENISH

0 Extra Prices | 0.00 Units On Hand | 0.00 Units Forecasted | In: 0 Out: 0 | 0 Reorderi... | 0 Bill Of M... | 0.00 Units Sold | More

Product Name
☆ Table Leg (steel) EN

☒ Can be Sold ☒ Can be Purchased

General Information | Attributes & Variants | Sales | Purchase | Inventory | Accounting

Product Type? Storable Product

Sales Price? € 50.00

Invoicing Policy? Ordered quantities
Storable products are physical items for which you manage the inventory level.
You can invoice them before they are delivered.

Customer Taxes?

Cost? € 32.00

Product Category All / Saleable / Office Furniture →

Internal Reference FURN_2333S

Barcode

Product Tags

Company

INTERNAL NOTES

18" x 2½" Square Leg EN

Today

David Gómez - a minute ago
Product created

Busquem l'article existent 'Ply Layer' amb codi FURN_7111 i li posem un preu de cost de 10€.

Curso: DAM 2. M10 Siste x DAM_M10_UF1_P11_Fabrica x Odoo - [FURN_7111] Ply x


localhost:8071/web#id=42&cids=2&menu_id=265&action=450&model=product.template&view_type=form

Manufacturing Operations Products Reporting Configuration

Products / [FURN_7111] Ply Layer Action 1/1 < > New Send message Log note Activities 0 0 Follow

PRINT LABELS UPDATE QUANTITY REPLENISH

0 Extra Prices 0.00 Units On Hand 0.00 Units Forecasted In: 0 Out: 0 0 Reorder... 0 Bill Of M... 0.00 Units Sold More

Product Name ☆ Ply Layer EN 

☒ Can be Sold ☒ Can be Purchased

General Information Attributes & Variants Sales Purchase Inventory Accounting

Product Type [?] Storable Product Sales Price [?] € 10.00

Invoicing Policy [?] Ordered quantities Customer Taxes [?]

Storable products are physical items for which you manage the inventory level. Cost [?] € 0.00

You can invoice them before they are delivered. Product Category All / Saleable / Office Furniture

Internal Reference FURN_7111

Barcode

Product Tags

Company

INTERNAL NOTES

Layers that are stick together to assemble wood panels. EN

December 14, 2023

OdooBot - a month ago Product created

Busquem l'article existent 'Wear Layer' amb codi FURN_8111 i li posem un preu de cost de 6,40€.

Curso: DAM 2. M10 Siste x DAM_M10_UF1_P11_Fabrica x Odoo - [FURN_8111] Wear Layer x


localhost:8071/web#id=43&cids=2&menu_id=265&action=450&model=product.template&view_type=form

Manufacturing Operations Products Reporting Configuration

Products / [FURN_8111] Wear Layer Action 1/2 < > New Send message Log note Activities 0 0 Follow

PRINT LABELS UPDATE QUANTITY REPLENISH

0 Extra Prices 150.00 ... On Hand 200.00 ... Forecasted In: 1 Out: 0 0 Reorder... 0 Bill Of M... 0.00 Units Sold More

Product Name ☆ Wear Layer EN 

☒ Can be Sold ☒ Can be Purchased

General Information Attributes & Variants Sales Purchase Inventory Accounting

Product Type [?] Storable Product Sales Price [?] € 10.00

Invoicing Policy [?] Ordered quantities Customer Taxes [?]

Storable products are physical items for which you manage the inventory level. Cost [?] € 6.40

You can invoice them before they are delivered. Product Category All / Saleable / Office Furniture

Internal Reference FURN_8111

Barcode

Product Tags

Company

INTERNAL NOTES

Top layer of a wood panel. EN

December 14, 2023

OdooBot - a month ago Product created

Busquem l'article existent 'Screw' amb codi CONS_25630 i li posem un preu de cost de 0,12€.

Curso: DAM 2. M10 Siste...DAM_M10_UF1_P11_Fabrica...Odoo - [CONS_25630] Sc...

localhost:8071/web#id=41&cids=2&menu_id=265&action=450&model=product.template&view_type=form

ManufacturingOperationsProductsReportingConfiguration

Products / [CONS_25630] Screw

0 Extra Prices0 In: 0 Out: 00 Bill Of M...0.00 Units Sold0.00 Units Purchased

Product Name

Screw

EN

Can be SoldCan be Purchased

General InformationAttributes & VariantsSalesPurchaseInventoryAccounting

Product Type ?

Consumable

Sales Price ?

€ 0.20

Invoicing Policy ?

Ordered quantities

Consumables are physical products for which you don't manage the inventory level: they are always available. You can invoice them before they are delivered.

Customer Taxes ?

Cost ?

€ 0.12

Product Category

All / Consumable

Internal Reference

CONS_25630

Barcode

Product Tags

Company

INTERNAL NOTES

Stainless steel screw

EN

December 14, 2023

OdooBot - a month ago

Product created

Anem a ‘Bill of Materials’ i creem la llista de productes necessaris per a fabricar la taula.

Curso: DAM 2. M10 Siste...DAM_M10_UF1_P11_Fabrica...Odoo - New

localhost:8071/web#cids=2&menu_id=265&action=439&active_id=51&model=mrp.bom&view_type=form

ManufacturingOperationsProductsReportingConfiguration

Products / Breta(CONFIG) / Bill of Materials / New

Operations Performance...Overview

Product

Breta(CONFIG)

Reference

Product Variant ?

Breta(CONFIG) (Aluminium)

BoM Type

Manufacture this product

Quantity ?

1.00

Kit

Company

Marianao

ComponentsOperationsMiscellaneous

Component	Quantity
[FURN_7111] Ply Layer	0.50
[FURN_8111] Wear Layer	1.00
[FURN_2333A] Table Leg (aluminium)	4.00
[CONS_25630] Screw	16.00
Add a line	

Today

David Gómez

Creating a new record...

S
swd
fffe

Curso: DAM 2. M10 Sis... DAM_M10_UF1_P11_Fabrica... Odoo - New

localhost:8071/web#cid=2&menu_id=265&action=439&active_id=51&model=mrp.bom&view_type=form

Manufacturing Operations Products Reporting Configuration

Products / Breta(CONFIG) / Bill of Materials

Product: Breta(CONFIG)
Product Variant: Breta(CONFIG) (Aluminium)
Quantity: 1.00

Components Operations Miscellaneous

Operation: Add a line Copy Existing Operations

Create Operations

Operation: ☐ Compute based on tracked time
☒ Set duration manually

Work Center: Taller de tall

Default Duration: 05:00 minutes

Company: Mariano

Apply on Variants: ☐ PDF
☐ Google Slide
☒ Text

Work Sheet: ☐ PDF
☐ Google Slide
☒ Text

Description:

SAVE & CLOSE SAVE & NEW DISCARD

Adjuntem una durada de 5 minuts al procés del taller de tall.

Curso: DAM 2. M10 Sis... DAM_M10_UF1_P11_Fabrica... Odoo - New

localhost:8071/web#cid=2&menu_id=265&action=439&active_id=51&model=mrp.bom&view_type=form

Manufacturing Operations Products Reporting Configuration

Products / Breta(CONFIG) / Bill of Materials / New

Print Action New Send message Log note

Today

David Gómez Creating a new record...

Operation	Work Center	Duration Computation	Duration (minutes)	
Tallar	Taller de tall	Set duration manually	05:00	Archive Operation
Muntar	Taller de muntatge	Set duration manually	12:00	Archive Operation
17:00				

Adjuntem una durada de 12 minuts al procés del taller de muntatge.

Curso: DAM 2. M10 Siste

DAM_M10_UF1_P11_Fabrica

Odoo - BoM Overview

localhost:8071/web#action=437&active_id=9&cids=2&menu_id=265

Manufacturing

Operations

Products

Reporting

Configuration

8

4

Marianao

David Gómez

BoM Overview

Quantity: 1

Display: Availabilities, Lead Times, Costs, Operations

PRINT

UNFOLD

Breta(CONFIG) (Aluminium)

0.00

Free to Use

Product	Quantity	Ready to Produce	Free to Use / On Hand	Availability	Lead Time	Route	BoM Cost	Product Cost
Breta(CONFIG) (Aluminium)	1.00	0	0.00 / 0.00	Not Available			151.15 €	0.00 €
[FURN_7111] Ply Layer	0.50		0.00 / 0.00	Not Available			5.00 €	5.00 €
[FURN_8111] Wear Layer	1.00		150.00 / 150.00	Available	0 Days	Buy: MANIPULACIONS DE FUSTA SL	6.40 €	6.40 €
[FURN_2333A] Table Leg (aluminium)	4.00		0.00 / 0.00	Not Available			96.00 €	96.00 €
[CONS_25630] Screw	16.00			Available			1.92 €	1.92 €
Operations	17:00						41.83 €	
Tallar - Taller de tall	05:00						15.83 €	
Muntar - Taller de muntatge	12:00						26.00 €	
Unit Cost							151.15 €	0.00 €

Curso: DAM 2. M10 Siste

DAM_M10_UF1_P11_Fabrica

Odoo - BoM Overview

localhost:8071/web#action=437&active_id=12&cids=2&menu_id=265

Manufacturing

Operations

Products

Reporting

Configuration

8

4

Marianao

David Gómez

Bills of Materials / Breta(CONFIG) (new) 1: Breta(CONFIG) / BoM Overview

Quantity: 1

Display: Availabilities, Lead Times, Costs, Operations

PRINT

UNFOLD

Breta(CONFIG) (Steel)

0.00

Free to Use

Reference: Breta(CONFIG) (new) 1

Product	Quantity	Ready to Produce	Free to Use / On Hand	Availability	Lead Time	Route	BoM Cost	Product Cost
Breta(CONFIG) (Steel)	1.00	0	0.00 / 0.00	Not Available			183.15 €	0.00 €
[FURN_7111] Ply Layer	0.50		0.00 / 0.00	Not Available			5.00 €	5.00 €
[FURN_8111] Wear Layer	1.00		150.00 / 150.00	Available	0 Days	Buy: MANIPULACIONS DE FUSTA SL	6.40 €	6.40 €
[FURN_2333S] Table Leg (steel)	4.00		0.00 / 0.00	Not Available			128.00 €	128.00 €
[CONS_25630] Screw	16.00			Available			1.92 €	1.92 €
Operations	17:00						41.83 €	
Tallar - Taller de tall	05:00						15.83 €	
Muntar - Taller de muntatge	12:00						26.00 €	
Unit Cost							183.15 €	0.00 €