



MANUFACTURING BASE TOOLKIT

BASE FUNCTIONALITIES FOR THE MANUFACTURING MANAGEMENT
IN MICROSOFT DYNAMICS 365 BUSINESS CENTRAL



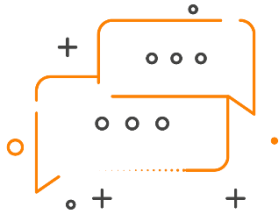
The
future
behind

www.eos-solutions.it/en/manufacturing-base-toolkit.html



Manufacturing Base Toolkit

App for Microsoft Dynamics 365 Business Central

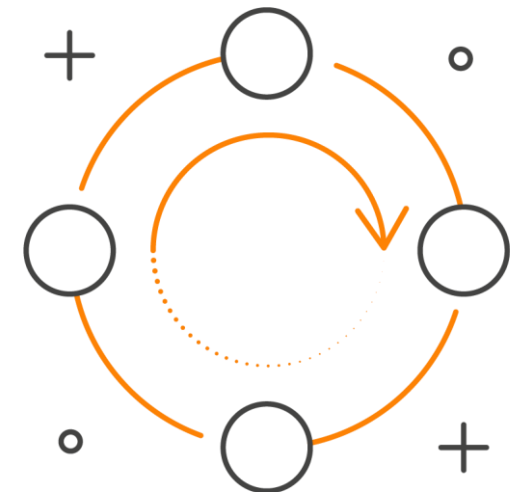


DO YOU WANT TO CREATE PRODUCTION ORDERS WITH REFERENCE TO THE STARTING SALES ORDER?

DO YOU NEED TO TEMPORARILY CLOSE PRODUCTION ORDERS?



The Manufacturing Base Toolkit **Eos Solutions app** improves the **base functionalities for the Manufacturing Management** in Microsoft Dynamics 365 Business Central



Here is a list of the features involved



Temporarily terminated

Item No.	Material Status	Starting Date-Time	Ending Date-Time	Quantity	Unit of Measure Code	Finished Quantity	Remaining Quantity	Unit Cost	Cost Amount	Sales Order No.	Sales Order Line No.
→ LS-100	:	12/31/2019 8:00 ...	12/31/2019 11:00...	15	PCS	0	15	15.00	225.00		0

Item No.	Material Status	Starting Date-Time	Ending Date-Time	Quantity	Unit of Measure Code	Finished Quantity	Remaining Quantity	Unit Cost	Cost Amount	Sales Order No.	Sales Order Line No.
→ LS-100	:	12/31/2019 8:00 ...	12/31/2019 11:00...	15	PCS	0	15	15.00	225.00		0



Create Production Orders

with reference to the Starting Sales Order Number (Make To Order)



Temporarily close

production Orders and cancel quantities



Link the reversal output entry

to the original capacity entry, in order to reverse the components consumed in backflush (Apply To Capacity)



The future behind

Temporarily close production orders

Quantity 15

Due Date 1/1/2020

Assigned User ID ▾

Blocked

Temporarily Terminated

Last Date Modified 3/26/2021

Item No.	Finished Quantity	Remaining Quantity	Unit Cost
1100	0	0	15.00

On the Released Production Orders, the Temporarily terminated option, **allows you to reset the requirements** within the components and the scheduled loads of the production orders.

101023 Trek Procaliber 9.7 TREKPROCALIBR9.7 | Work Date: 1/28/2021

Prod. Order Components | Search + New Edit List Delete Process Print/Send Line Open in Excel More options

Item No.	Due Date	Description	Quantity per	Unit of Measure Code	Flushing Method	Expected Quantity	Remaining Quantity	Qty. on Transfer Order (Base)	Qty. in Transit (Base)	Qty. trans. to Subcontractor	Routing Link Code	Location Code	Material Status	Bin Code	Substit. Available
1100	1/13/2021	Ruota anteriore	1	PZ	Manual	100	0	0	0	0		BLU	Partial Availa...		No
1200	1/13/2021	Ruota posteriore	1	PZ	Manual	100	0	0	0	0		BLU	Available		No
1300	1/13/2021	Asse catena	1	PZ	Manual	100	0	0	0	0		BLU			No
1400	1/13/2021	Parafango anteriore	1	PZ	Manual	100	0	0	0	0		BLU			No
1450	1/13/2021	Parafango posteriore	1	PZ	Manual	100	0	0	0	0		BLU			No
1500	1/13/2021	Lampada	1	PZ	Manual	100	0	0	0	0		BLU			No
1600	1/13/2021	Campanello	1	PZ	Manual	100	0	0	0	0		BLU			No
1700	1/13/2021	Freno	1	PZ	Manual	100	0	0	0	0		BLU			No
1800	1/13/2021	Manubri	1	PZ	Manual	100	0	0	0	0		BLU			No
1850	1/13/2021	Sella	1	PZ	Manual	100	0	0	0	0		BLU			No
1900	1/13/2021	Telaio	1	PZ	Manual	100	0	0	0	0		BLU			No

From Line->Components we can view the Remaining Quantity which is zero. Consequently, **it is no longer possible to load further production outputs**, but it will be possible to post capacity entries (man and machine times).

By reactivating the option Temporarily Terminated, the Remaining Quantity is restored.

Make To Order

Released Production Order | Work Date: 1/28/2021

101024 · Bicicletta

Process Order | More options

General

No. 101024 Quantity 20

Description Bicicletta Due Date 1/28/2021

Source Type Item Source No. 1000_MTO

Lines

Item No.	Due Date	Description	Material Status	Starting Date/Time	Ending Date/Time	Quantity	Unit of Measure Code	Finished Quantity	Remaining Quantity	Unit Cost	Cost Amount
1000_MTO	1/28/2021	Bicicletta	Partial Availa...	1/20/2021 10:51 AM	1/27/2021 4:00 PM	20	PZ	0	20	350.555	7,011.90

Page Inspection

Table Fields: ecs

If you need the references of the Sales Order shown on the Production Order line, on the Item card it is necessary to **set fields relating to the "Make-To-Order"** option.

Item Card | Work Date: 1/28/2021

1000_MTO · Bicicletta

Process Item Prices & Discounts Request Approval | More options

Costs & Posting

Prices & Sales

Replenishment

Replenishment System: Prod. Order

Manufacturing Policy: Make-to-Order

Production

Routing No.: 1000

Production BOM No.: 1000

Rounding Precision: 0.001

Flushing Method: Manual

Scrap %: 0

Lot Size: 10

Planning

Reordering Policy: Order

Order Tracking Policy: None

Stockkeeping Unit Exists: No

Critical:

If the activity previously created via the planning function is canceled, **this does not result in the loss of the reference** Production Order / Sales Order.

In fact, when the MPS is launched, a new production order is not proposed for the Sales Order, but the activity previously created based on the Production Order / Sales Order reference is re-established.

Apply To Capacity

Released Production Order 101026 Bicicletta | Work Date: 1/28/2021

Capacity Ledger Entries

Posting Date	Order Type	Order No.	Rework Code	Type	No.	Operation No.	Item No.	Description	Quantity	Output Quantity	Scrap Quantity	WIP Item Qty.	Direct Cost	Overhead Cost	Dep. Code	Proj. Code	Entry No.	Customer Code
1/28/2021	Production	101026		Work Center	100	10	1000	Montaggio ruota	0	4	0	0	0.00	0.00			49	
1/28/2021	Production	101026		Work Center	100	10	1000	Montaggio ruota	0	2	0	0	0.00	0.00			50	

Edit - Production Journal - Production Order 101026 Bicicletta

General

Posting Date: 1/28/2021

Flushing Method Filter: Manual

Entry Type	Posting Date	Item No.	Operation No.	Type	No.	Description	Consumption Quantity	Setup Time	Run Time	Output Quantity	Scrap Quantity	Apply to Capacity Entry	Department Code	Project Code	Customer Code	Area Code	Business Group Code
Output	1/28/2021	1000	10	Work Center	100	Montaggio ruota	0	0	0	-1	0	<input checked="" type="checkbox"/>					
Output	1/28/2021	1000	20	Machine Ck.	120	Catena di montaggio	0	0	0	0	0	<input type="checkbox"/>					
Output	1/28/2021	1000	30	Machine Ck.	130	Assemblaggio finale	0	0	0	0	0	<input type="checkbox"/>					
Output	1/28/2021	1000	40	Machine Ck.	110	Controllo	0	0	0	0	0	<input type="checkbox"/>					

Released Production Order 101026 Bicicletta | Work Date: 1/28/2021

Capacity Ledger Entries

Posting Date	Order Type	Order No.	Rework Code	Type	No.	Operation No.	Item No.	Description	Quantity	Output Quantity	Scrap Quantity	WIP Item Qty.	Direct Cost	Overhead Cost	Dep. Code	Proj. Code	Entry No.	Customer Code
1/28/2021	Production	101026		Work Center	100	10	1000	Montaggio ruota	0	4	0	0	0.00	0.00			49	
1/28/2021	Production	101026		Work Center	100	10	1000	Montaggio ruota	0	2	0	0	0.00	0.00			50	

Thanks to the Manufacturing Base Toolkit app, it is possible to link the reversal output entry to the original capacity entry, in order to reverse the components consumed in backflush.

After inserting the output entry, it is linked to the original capacity entry (no. 49)

Released Production Order 101026 Bicicletta | Work Date: 1/28/2021

Capacity Ledger Entries

Posting Date	Order Type	Order No.	Rework Code	Type	No.	Operation No.	Item No.	Description	Quantity	Output Quantity	Scrap Quantity
1/28/2021	Production	101026		Work Center	100	10	1000	Montaggio ruota	0	-1	0
1/28/2021	Production	101026		Work Center	100	10	1000	Montaggio ruota	0	2	0
1/28/2021	Production	101026		Work Center	100	10	1000	Montaggio ruota	0	4	0

Released Production Order 101026 Bicicletta | Work Date: 1/28/2021

Item Ledger Entries

Posting Date	Entry Type	Document Type	Document No.	CRS Shipment No.	Item No.	Description	Inspection Quantity	Department Code	Project Code	Location Code	Quantity	Involved Quantity	Remaining Quantity	Sales Amount (Actual)	Cost Amount (Actual)	Cost Amount (Non-Invst.)	Open
1/28/2021	Consumpti...		101026		1400		0			BLU	1	1	1	0.00	3.90	0.00	<input checked="" type="checkbox"/>
1/28/2021	Consumpti...		101026		1300		0			BLU	1	1	1	0.00	13.16	0.00	<input checked="" type="checkbox"/>
1/28/2021	Consumpti...		101026		1400		0			BLU	-2	-2	0	0.00	-7.80	0.00	<input type="checkbox"/>
1/28/2021	Consumpti...		101026		1300		0			BLU	-2	-2	0	0.00	-26.31	0.00	<input type="checkbox"/>
1/28/2021	Consumpti...		101026		1400		0			BLU	-4	-4	0	0.00	-15.60	0.00	<input type="checkbox"/>
1/28/2021	Consumpti...		101026		1300		0			BLU	-4	-4	0	0.00	-52.63	0.00	<input type="checkbox"/>

On posting, capacity reversal entries and consumption item ledger entries are created

Manufacturing Base Toolkit

App for Microsoft Dynamics 365 Business Central

SUBSCRIPTION

Some features of the Manufacturing Base Toolkit app require a subscription.

The subscription can be activated from Subscription control panel or directly from the notification messages that the system proposes, by clicking on the link that allows you to start the subscription wizard.

Contact us for more info:

www.eos-solutions.it/en/contact-support.html

