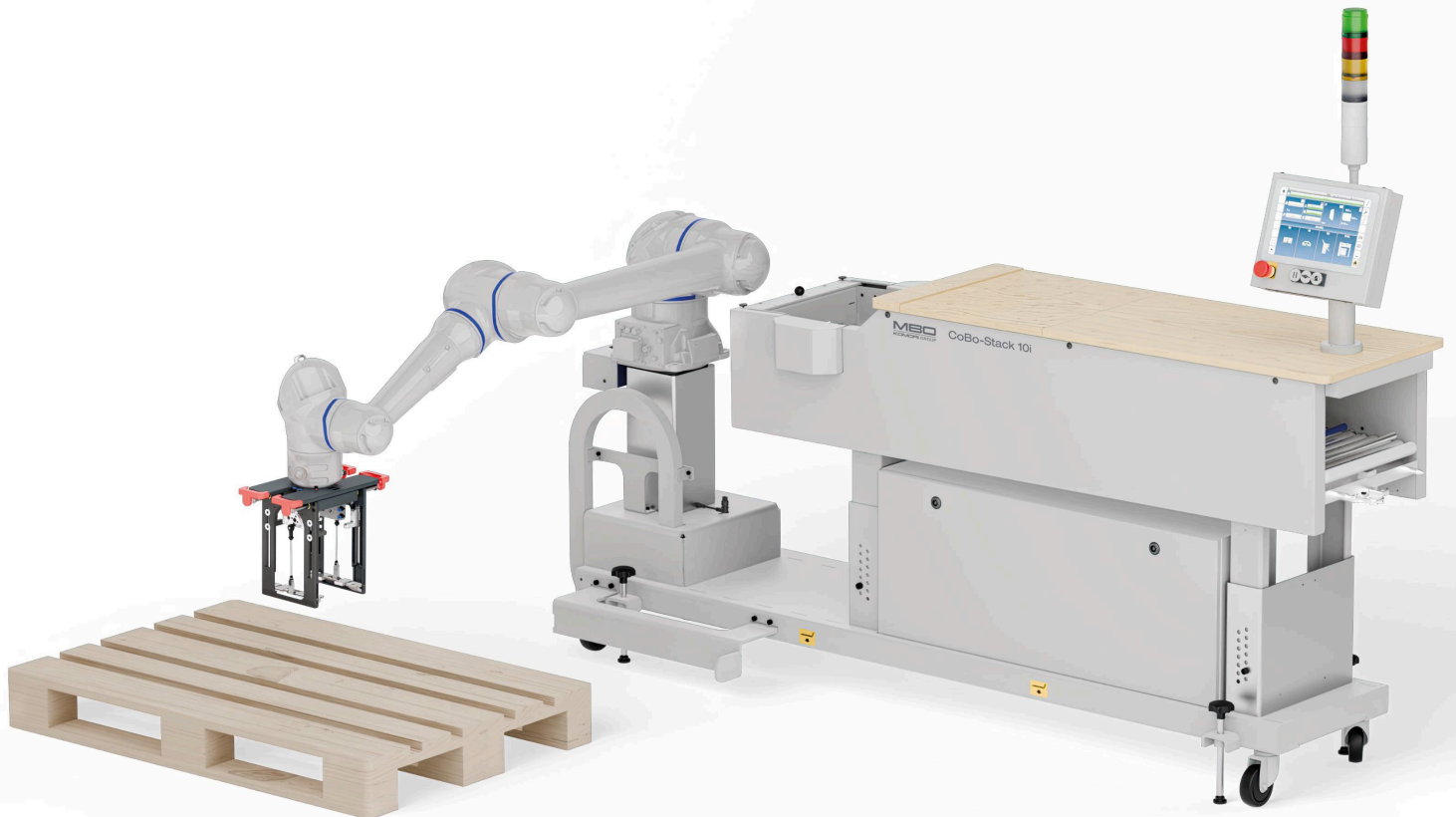

CoBo-Stack 10i/30i

PALLETIZING SYSTEM

Technical specifications



EFFICIENCY IN EVERY STACK



Meet the CoBo-Stack

The CoBo-Stack series combines advanced robotics with ergonomic design to streamline stacking operations for a wide range of production environments. Available in both the 10i and 30i models, it automates the transfer of finished stacks from delivery to pallet, reducing operator strain and increasing productivity.

With customizable stacking heights, precision handling, and easy-to-use controls, the CoBo-Stack integrates seamlessly with MBO finishing lines. Its compact footprint makes it ideal for maximizing space efficiency while delivering consistent, high-quality results.

Standard Features & Benefits

- Automated, precise stacking: Delivers consistent, high-quality piles, reducing errors and boosting efficiency.
- Dual-pallet system: Enables continuous operation by allowing pallet changeover without stopping the machine.
- Compact and mobile design: Fits tight spaces and can be quickly repositioned for workflow flexibility.
- Intuitive touchscreen controls: Easy-to-use M1 interface speeds setup and simplifies operation.
- Safety sensors on 30i: Automatically slow or stop the machine when operators enter the area, ensuring safety without losing productivity.
- Heavy and tall stack support: Handles stacks up to 8 kg (10i) and 1.4 m high (30i), suitable for various job sizes.
- Seamless integration: Connects with MBO and third-party finishing equipment for flexible production lines.

Automated Stacking. Reduced Labor. Greater Efficiency.

The MBO Advantage

Smooth and Accurate

The CoBo-Stack automates stacking by placing finished products on pallets or conveyors, ensuring consistent quality, reducing damage, and maintaining smooth production flow.

Less Physical Strain

By eliminating the need for manual stacking, the CoBo-Stack cuts physical strain and labor costs while letting staff focus on higher-value work.

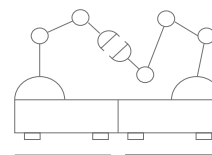
Maximized Productivity

With continuous operation and an optimized workflow, the CoBo-Stack boosts throughput and reduces downtime for a more productive line.

Scan to Learn More

Watch the CoBo-Stack in action, explore additional features, or request a quote.

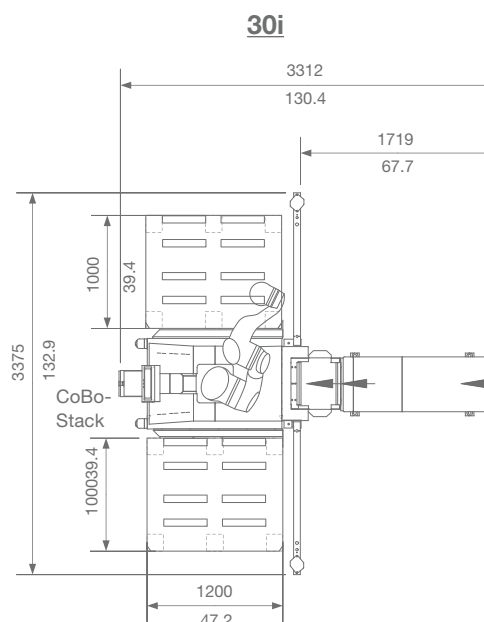
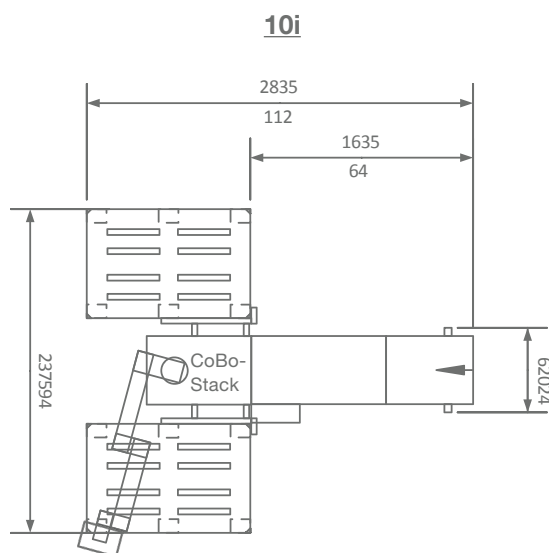




CoBo-Stack 10i/30i

Technical Specifications		CoBo-Stack 10i	CoBo-Stack 30i
Pallet size	min.	300 mm x 300 mm (11 3/4" x 11 3/4")	Euro pallet: 800 x 1,200 mm
	max.	EPAL 800 mm x 1,200 mm (31 1/2" x 47 1/4")	ISO pallet: 1,000 x 1,200 mm
		-	All pallets from 500 mm x 700 mm up to the max. size
		-	Other pallet sizes on request
Stack height on pallet	max.	1,400 mm (55 inch)	1,400 mm (55 inch)
Gripper – formats	Product length	XS: 148-320 mm S,M,XL: 210-370 mm	210 mm - 370 mm
	Product width	XS,S: 95-160 mm M: 155-235 mm XL: 205-285 mm	140 mm - 235 mm
Gripper – Stack height			Stacking height adjustable in 4 levels (50 mm-250 mm)
	min.	60 mm	50 mm (2 inch)
	max.	XS: 125 mm S,M,XL: 150 mm	250 mm (9 3/4 inch)
Stack weight	max.	6 kg (13 lb)	18.5 kg (40 lb)
Stacks per hour		300 Stacks/h	Scan each package ≥ 450 Stacks/h Scan once per layer > 525 Stacks/h
Infeed height		793 – 923 mm (31.25"-36.25"), adjustable by 10 mm	793 – 923 mm (31.22-36.34 inch), manually adjustable
Power supply		100–240 V – 50/60 Hz – 9 A	100–240 V – 50/60 Hz – 16 A

Technical Drawing Floorplan CoBo-Stack

Measurements: mm
inch

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