

PE 5/OC Positioning Unit for WT 5 Workpiece Pallets - Bosch Rexroth 3842998178

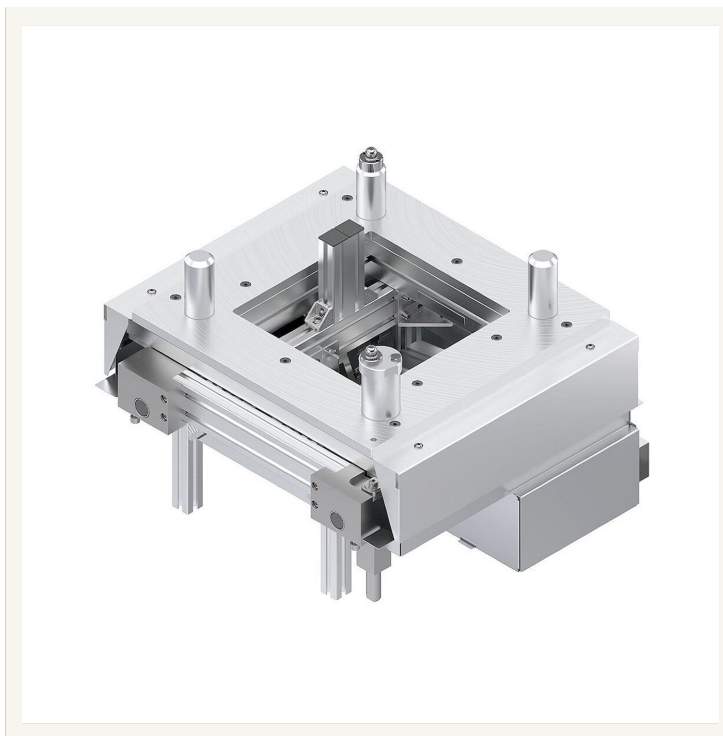
Item no. BRR-3842998178

Manufacturer Bosch Rexroth

The PE 5/OC positioning unit lifts WT 5 workpiece pallets out of the longitudinal conveyor and locates them with a repeatability of ± 0.3 mm in both x and y directions. Designed for installation from below in ST 5/OC conveyor sections, it suits manual and automated processing stations. A pneumatic drive operating at 5 to 6 bar raises the pallet 5 mm above the transport level.

TECHNICAL DATA

Ausführungsklasse	TEC
Country of Manufacture	Germany
HS-Code	84313900
Weight	0.0099 kg



DESCRIPTION

The PE 5/OC positioning unit locates WT 5 series workpiece pallets in manual and automated processing stations with a repeatability of ± 0.3 mm in x and y directions. It installs from below into ST 5/OC conveyor sections and raises the pallet 5 mm above the transport level.

- Positioning accuracy of ± 0.3 mm in x and y for precise machining and assembly operations
- Permissible vertical process force with centre load: up to 4000 N, independent of pallet weight
- Compatible with all WT 5 workpiece pallets
- Bottom-mount installation in ST 5/OC conveyor sections
- Supplied fully assembled, including fastening material for ST 5/OC mounting
- Pneumatic drive: 5 to 6 bar, push-in air connection 8 mm

TECHNICAL DATA

Parameter	Value
Lift above transport level	5 mm
Positioning accuracy	± 0.3 mm (x and y direction)
Max. vertical process force (centre load)	4000 N
Compressed air supply	5 ... 6 bar
Push-in air connection	8 mm

Parameter	Value
Positioning unit length [IPE]	471 / 576 / 764 / 996 mm
Positioning unit width [bPE]	259 / 454 / 649 mm
Track width [b]	455 / 650 / 845 mm
Length in transport direction [IT]	455 / 650 / 845 / 1040 mm
Preferred values	455 / 650 / 845 mm
Weight	0.0099 kg (per catalog)
Delivery condition	Fully assembled
Recommended accessories	Lateral guide cover, protective cover
Required accessories	Stop gate VE 5/200, VE 5/D300, VE 5/D301 or VE 5/D1000; switch bracket SH 2/UH 3 842 537 289; assembly kit SH 2/UH 3 842 545 132; protective sleeves and protective cover