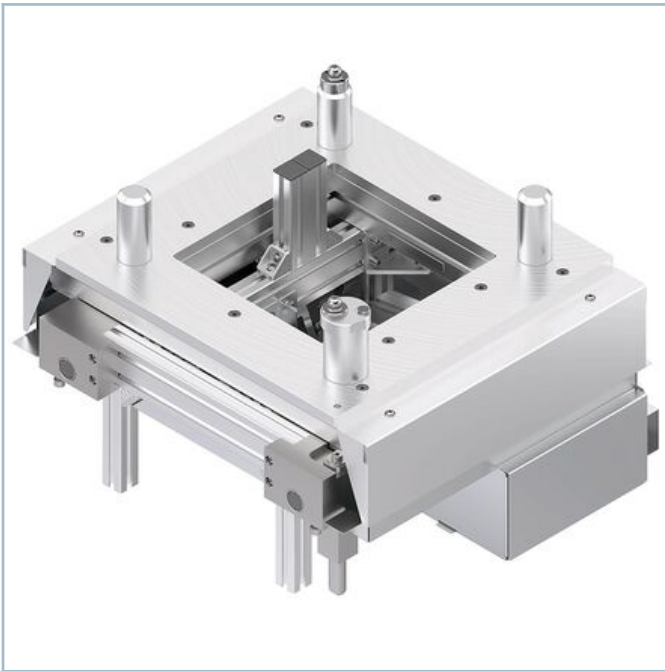


PE 5/OC positioning unit



- Positioning a workpiece pallet in a manual or automated processing station in the longitudinal conveyor with high positioning accuracy requirements (± 0.3 mm)

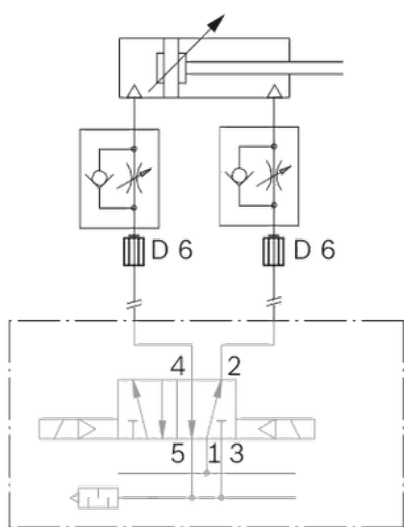
- Can be used with all WT 5 workpiece pallets
- Installation from below
- Lift over transport level: 5 mm
- Positioning accuracy: ± 0.3 mm in x and y direction
- Permissible vertical process force with center load: up to 4000 N regardless of the WT weight
- Suitable for ST 5/OC
- Compressed air connection: 5 ... 6 bar
- Push in air connection: 8 mm

Product description

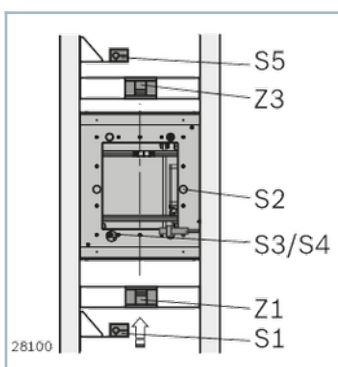
Sensor application matrix

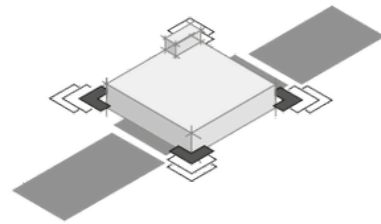
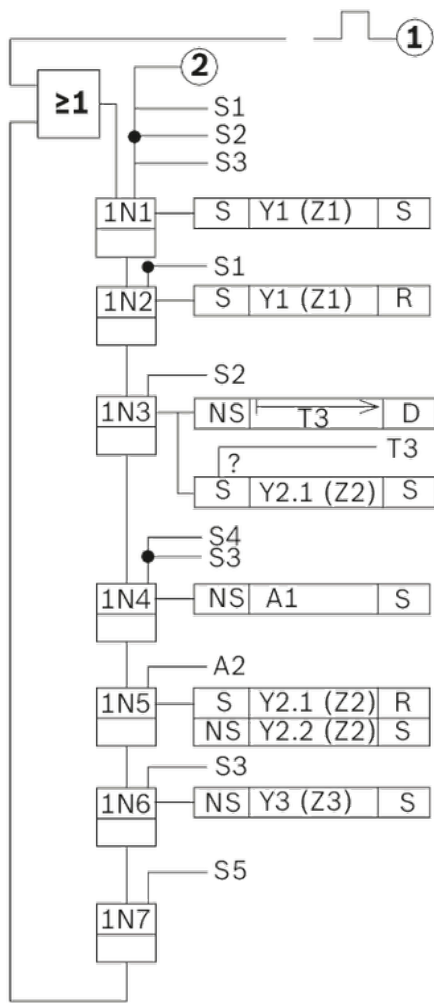
Assembly, positioning, and orientation

Symbols/Circuit diagrams



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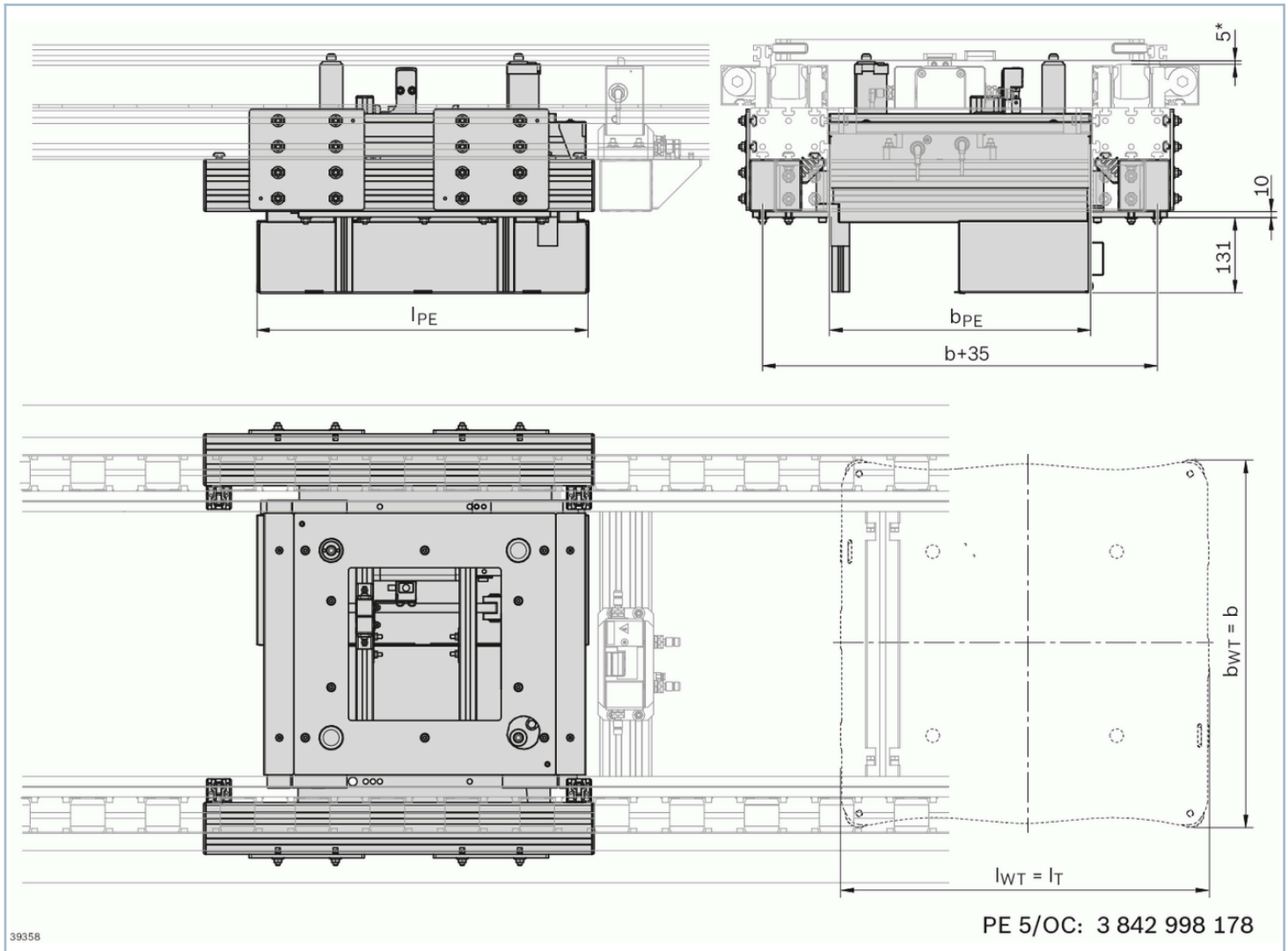


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- S1 = WT before VE
- S2 = WT arrival
- S3 = Lift end position at bottom
- S4 = Lift end position at top
- S5 = WT after VE
- Y1 = Open VE (Z1)
- Y2 = WT lift (Z2)
- Y3 = Open VE (Z3)
- A1 = Start of processing
- A2 = End of processing

Dimensions

PE 5/OC positioning unit



* Lift over transport level

Track width	Length in direction of transport	Positioning unit width	Positioning unit length
b	l_T	b_{PE}	l_{PE}
mm	mm	mm	mm
455	455	259	471
455	650	259	576
650	650	454	576
650	845	454	764
845	845	649	764
845	1040	649	996

Accessories

Required accessories

VE 5/200, VE 5/D-300, VE 5/D-301 or VE 5/D-1000 stop gate

SH 2/U-H 3 842 537 289 switch brackets

Assembly kit SH 2/U-H 3 842 545 132

Protective sleeves and protective cover

Recommended accessories

Lateral guide cover

Protective cover



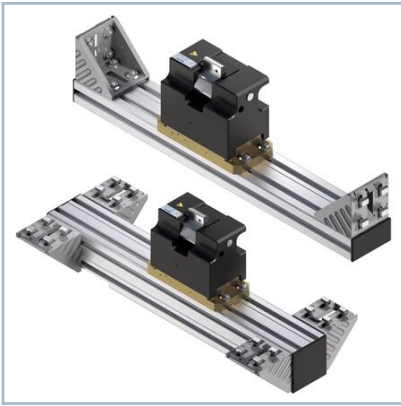
VE 5/200, VE 5/OC-200 stop gates

- Stopping one or more accumulating workpiece pallets at the defined workpiece pallet stop surface.



VE 5/D-300, VE 5/OCD-300 stop gates

- Damped stopping of one or more accumulating workpiece pallets at the defined workpiece pallet stop surfaces.



VE 5/D-1000, VE 5/OCD-1000
stop gates

- Oil-damped stopping of one or more accumulating workpiece pallets at the defined workpiece pallet stop surface.



SH 2/U-H switch bracket

- Fastening for a M12x1 sensor for workpiece pallet position sensing from below and for position inquiry at HQ 5... and PE 5...
- Especially sturdy metal design
- Integrated stop for 12 mm sensor
- Mounting location: On the assembly kit for the switch bracket

Delivery notes

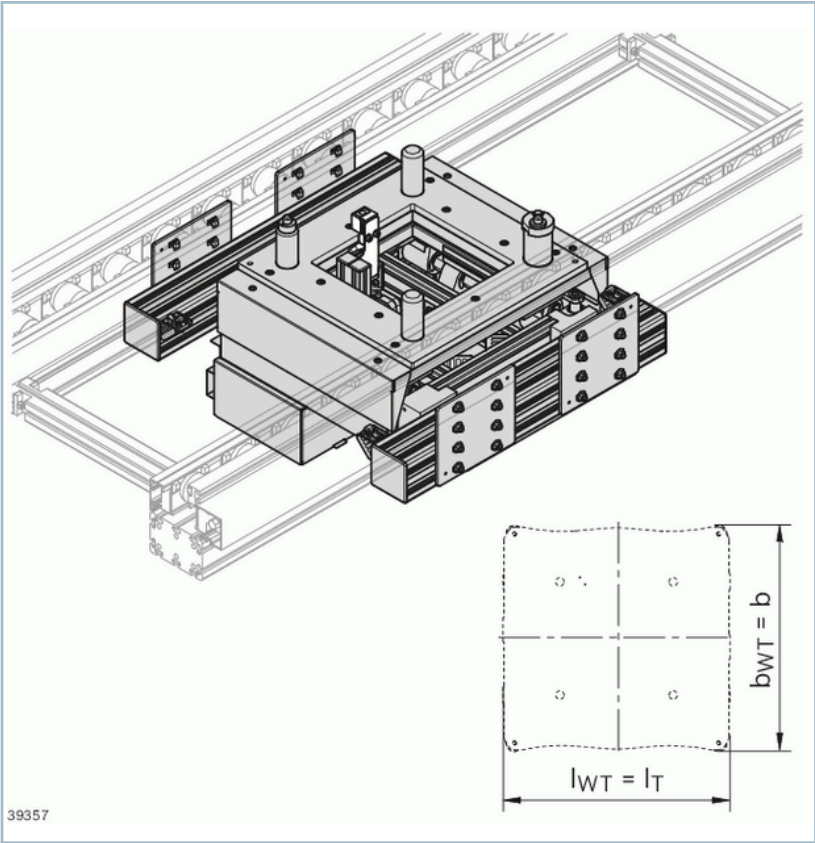
Scope of delivery

Incl. fastening material for mounting the PE 5/OC in ST 5/OC conveyor sections

Condition of Delivery

Fully assembled

Ordering codes



Order Parameter

b	Track width	455; 650; 845
l_T	Length in direction of transport	455; 650; 845; 1040
SC	Protective case 0: without protective case 1: with protective case	1; 2

	No.
PE 5/OC positioning unit	3842998178