

HQ 5 lift transverse unit



- The lift transverse unit is a module for branching transport. It lifts the workpiece pallet and moves it transversely to the original conveying direction via a driven roller section.
- **Notice:**
 - This lift transverse unit is delivered without section.
 - Note the orientation of the workpiece pallet after branching.
 - When using the interface to SEW, the motor is in

 Assembly instructions

- Can be used with all WT 5 workpiece pallets
- The transverse transport level is 4.5 mm above the transport level of the longitudinal section
- Protective casing can also be removed in the case of low conveyor heights
- Compressed air connection: 5 ... 6 bar
- Pneumatic push-in fitting: 6 mm
- Drive possible with AB 5

Product description

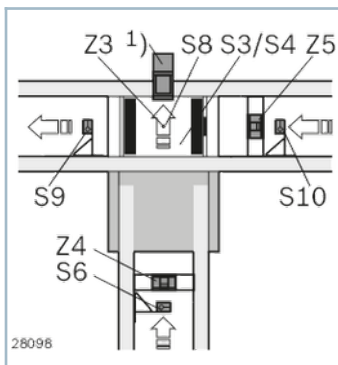
Set up of transverse conveyor

Technical data

Transport and nominal speed vN

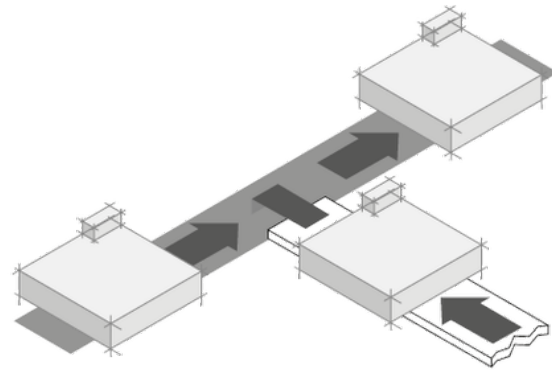
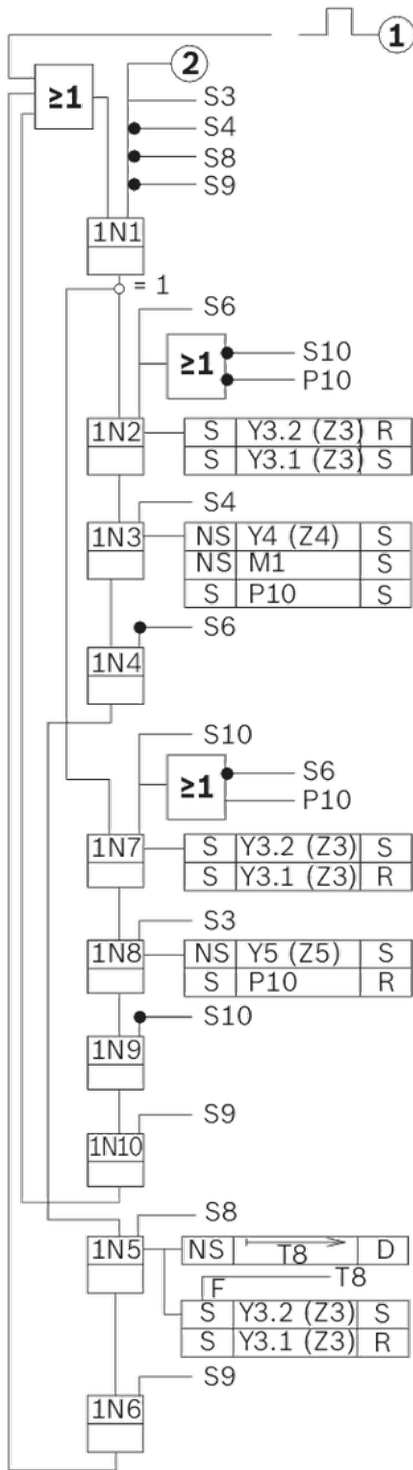
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Symbols/Circuit diagrams



1) Damper

HQ lift transverse unit (stop gate, infeeding)



33035

T8 = delay time 100 ... 200 ms
 S3 = Lift end position at bottom
 S4 = Lift end position at top
 S6 = WT before VE (Z4)

S8 = WT at HQ

S9 = Enable main section 2

S10 = WT before VE (Z5)

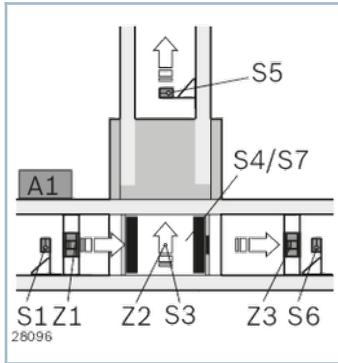
Y3 = HQ lift cylinder (Z3)

Y4 = VE secondary section (Z4) + DA main section (Z6)

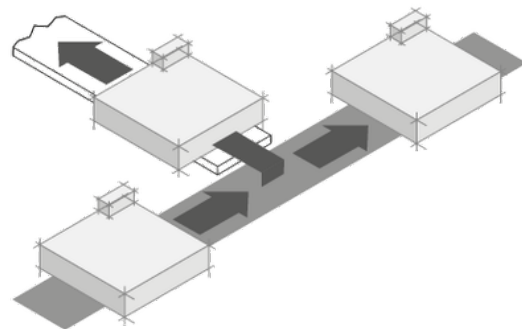
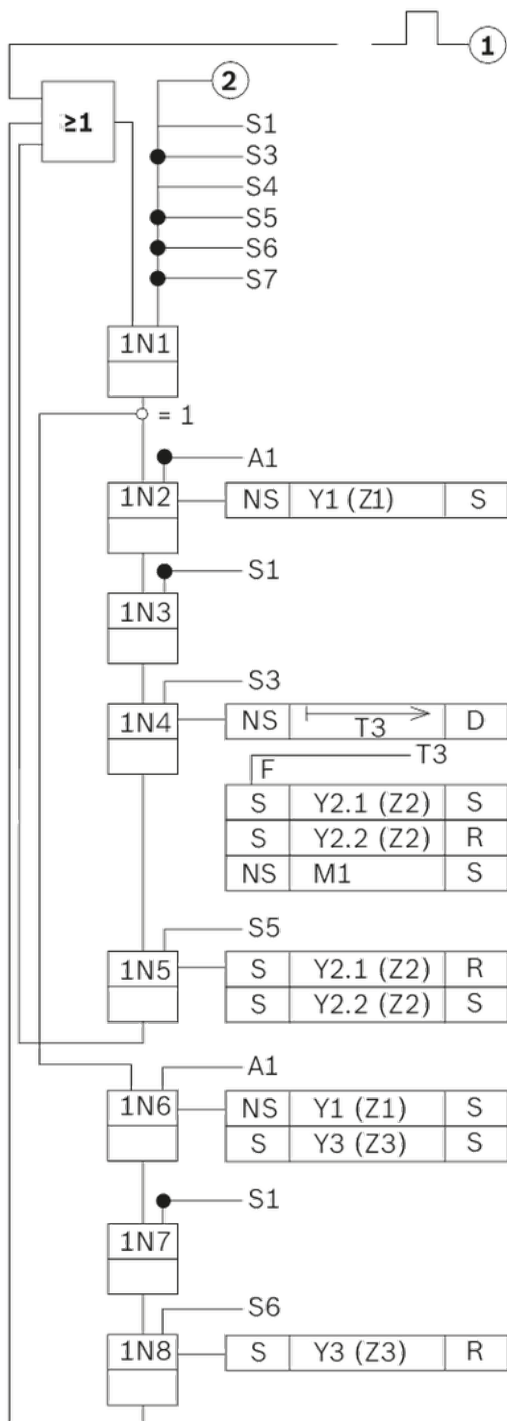
Y5 = Main section VE (Z5)

M1 = HQ motor

P10 = Main section priority



HQ lift transverse unit (separating, outfeeding)



33034

T8 = delay time 100 ... 200 ms

S4 = Lift end position at bottom

S7 = Lift end position at top

S1 = WT before VE (Z1)

S3 = WT at HQ

S5 = Enable main section

S6 = WT after VE (Z3)

Y2 = HQ lift cylinder (Z2)

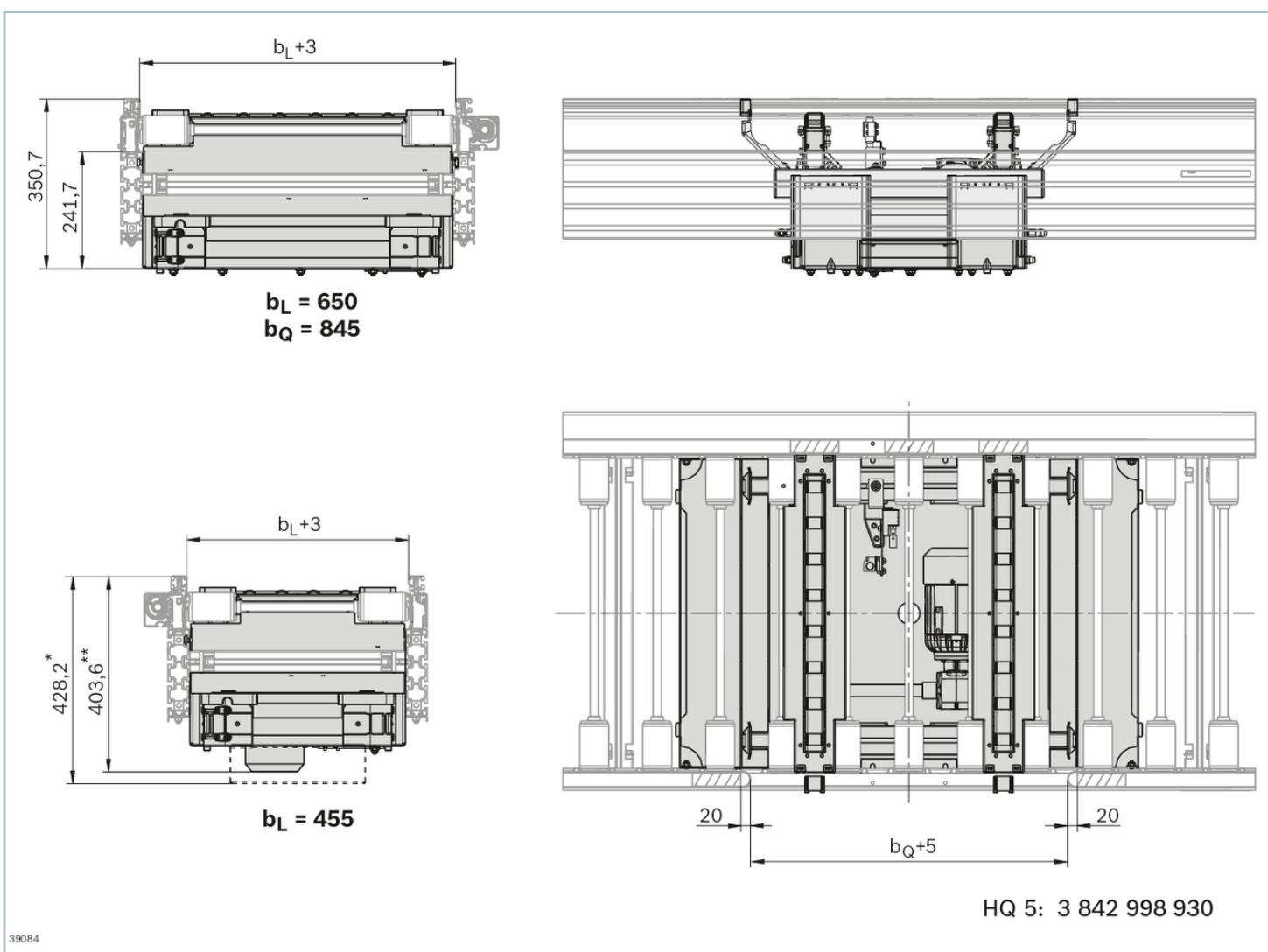
Y1 = Main section VE (Z1)

Y3 = Main section VE (Z3)

M1 = HQ motor

A1 = identification system with straight ahead signal

Dimensions



* with protective case

** without protective case

Accessories

Required accessories

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

2x switch bracket SH 2/U-H for position inquiry top and bottom

Sensor application matrix

Recommended accessories

Lateral guide cover

For position inquiry workpiece pallet sensor 3842545972



Clamping holder for sensors

- Clamping holder for sensor Ø 12 mm, for screwing onto the stop gate



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

Including fastening material for mounting the HQ 5 in conveyor sections ST 5/XH, ST 5/H and in the drive modules AS 5/XH, AS 5/H

Incl. support rollers included in all configurations up to $b_L = 845$ mm with $p = 130$ mm or $p = 195$ mm, as there are no problems with the conveyor trench

Incl. protective covers for the lifting mechanism and roller section

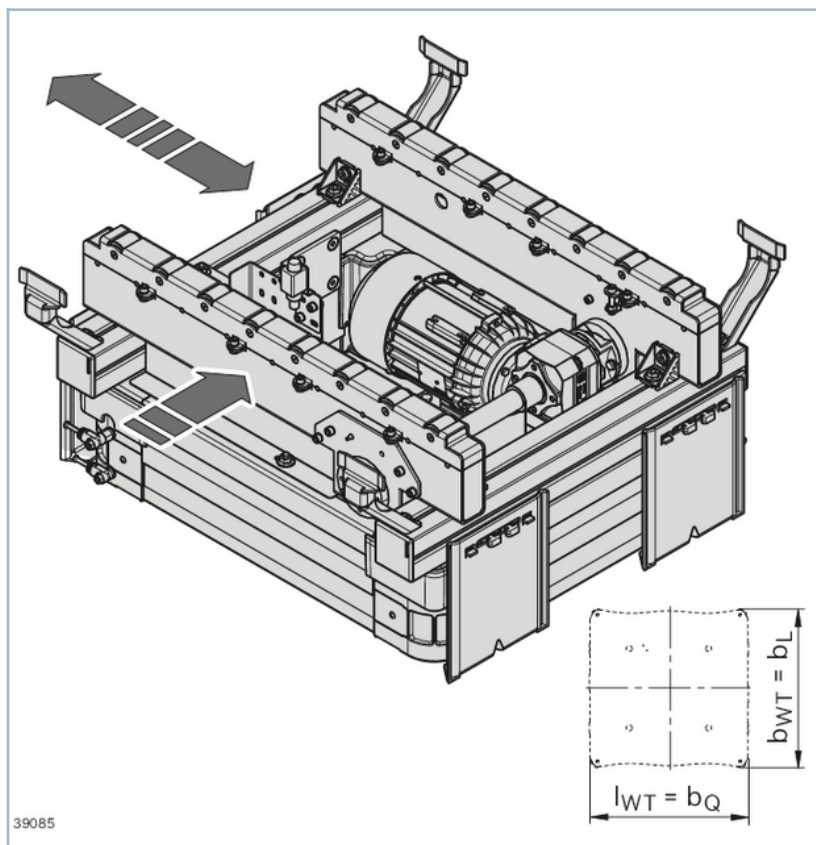
Incl. cover on passive or active side depending on the selection of parameter OFD and use of support rollers

Incl. guide piece and warning label

Condition of Delivery

Fully assembled

Ordering codes



Order Parameter

No.		3842998930
b_L (mm)	Track width (longitudinal conveyor)	455; 650; 845
b_Q (mm)	Track width (transverse conveyor)	455; 650; 845; 1040
p	Roller spacing (pitch)	130; 195; 260; 325
OFD	Direction of outfeed 1: Left 2: Right 3: On both sides	1; 2; 3
DSM	King shaft installation on main section 1: Left 2: Right	1; 2
CT	Protective case 0: without protective case 1: with protective case	0; 1
GM	Gear motor 0: Without (SW17 interface) 1: With SW17 gear motor 2: Without (interface to SEW connection, round shaft Ø20)	0; 1; 2
v_N (m/min)	Nominal speed	6; 9; 12
U, f (V, Hz)	Voltage, frequency	see motor data
AT	Motor connection S: cable/plug K: terminal box	S; K

No.
3842998930