

## Belt haul-offs for profiles and pipe



*P100 BVE*

### Construction principle

A separate drive for each belt consists of an AC-servo-gear-motor and a digital controller. The haul-off is provided with poly-V-belts covered by PUC.

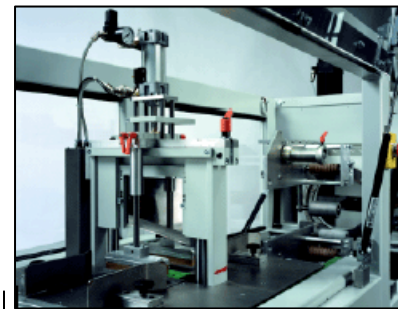
Parallel end guiding of the floating upper belt is standard. Strong pressure cylinders, good belt friction values and large drive torques insure high haul-off forces.

### Options:

- Positive stop for upper belt support
- Capability for lateral adjustments on haul-offs with multiple-groove belts

### Commonly combined with:

- Film coating device FA 125
- SAW SPR 63
- SAW SPR 125 P/E
- Knife Cutting unit MTV 125 P/E



*Haul-off with film coating device FA 125 and knife cutting unit MTV 125*

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### Control panel *BMC smart*:

- The control system *BMC smart* (part of the *BMC plus* family) offers integration into the American Maplan automation program.
- Capability of integration into existing extrusion lines.



Control panel *BMC smart*

### Multi motor technology

- Elimination of the mechanical force distribution.
- Improvements in efficiency.
- Optimization of production reliability.

### Technical Data

Type	P 50 BVE	P 100 BVE	P 160 BVE	P 250 BVE/2400
Max. diameter [mm]	63	125	160	---
Min. diameter [mm]	25	25	25	---
Min. diameter with V-shaped and flat Band [mm]	16	16	16	---
Max. opening height	90	150	190	190
Belt width (mm)	140	140	140	230
Contact length [mm]	600	800	1200	2400
Max. haul-off force [N]	1750 900	7500 5000 3000	7500 5000 3000	27,000 18,000
Speed range [m/min]	1.0 – 50 2.0 – 100	0.4 - 20 0.6 – 30 1.0 – 50	0.4 – 20 0.6 – 30 1.0 – 50	0.2 – 10 0.3 - 15
Drive rating [kW]	2 x 0.9	2 x 1.4	2 x 1.4	2 x 2.1
Extrusion height [mm]	Standard	1160		
	Optional	1000 - 1250		
Length [mm]	2630	2870	3270	4600
Width [mm]	960	960	960	1380
Height = Extrusion height + x [mm]	720	720	770	845
Weight [kg]	750	1000	1200	2250

In the interest of continuing development, we reserve the right to amend any specification without notice.



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