TECHNICAL GUIDE

Tracking Guides

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Tracking guides are flexible V-shaped strips welded to the underside of a conveyor belt. The guide runs in a groove in the pulleys and bed, keeping the belt running straight even when products load one side. The same profiles can be welded to the top of the belt as spill edges or low cleats.

STANDARD V-GUIDE SIZES			
Size (W x H mm)	**Weight g/m**	**Min pulley Ø – guide**	**Min pulley Ø – spill edge**
6 x 4	22	30mm	30mm
8 x 5	42	50mm	50mm
10 x 6	61	70mm	70mm
13 x 8	98	90mm	90mm
15 x 8	–	90mm	90mm
17 x 11	170	100mm	100mm

Lighter V-guide sections (8x5 to 17x11) are available for smaller pulleys, down to 50mm (8x5), 60mm (10x6), 70mm (13x8) and 90mm (17x11).

ROUND TOP GUIDES AND SPILL EDGES			
Size (W x H mm)	**Weight g/m**	**Min pulley Ø – guide**	**Min pulley Ø – spill edge**
8 x 8	77	60mm	135mm
12 x 12	120	60mm	180mm
20 x 15	300	135mm	320mm

POSITIONS	
Single guide	One guide, usually on the centre line of the underside – the most common set-up
Twin guides	One guide near each edge, for wide belts or conveyors with grooved pulleys at both edges
Spill edges	Guide profiles welded along the top edges to stop loose product falling off the belt
Castellated guides	Notched guides that bend more easily round small pulleys; can be cut to any width

ORDERING A BELT WITH TRACKING GUIDES

- Tell us the guide size (width x height) and its position, measured from the belt edge to the centre of the guide.
- Check the pulley diameter: the smallest pulley must not be below the minimum shown for the guide.
- Pulleys and the slider bed need a matching groove. Send us a photo if you are not sure.
- Tracking guides add to the lead time: typically 10–15 working days for a complex belt.

NOTES

- Minimum pulley diameters are typical values at 20°C. Lower temperatures may need larger pulleys.
- Tracking guides do not correct a conveyor that is out of square – check pulleys and frame alignment first.

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