



Tapered Trough Tracker

Engineered for the carry side of the conveyor, the Traksure Tapered Trough Tracker covers the full range of duty specifications and belt widths from 450mm to 3000mm, with custom sizes available on request. The inclusion of a compact pivot arm design supports installation in guarded or confined areas.

The Tapered Trough Tracker uses tapered wing rollers to create an instantaneous tracking response. As the belt moves off centre and along the tapered roller, it creates an imbalance which actuates the centre pivot and moves the belt smoothly back to centre.

The result is fast, responsive belt correction on the carry side of the conveyor, without relying on guide rollers or direct belt-edge contact.



Applications

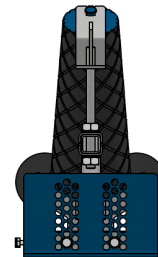
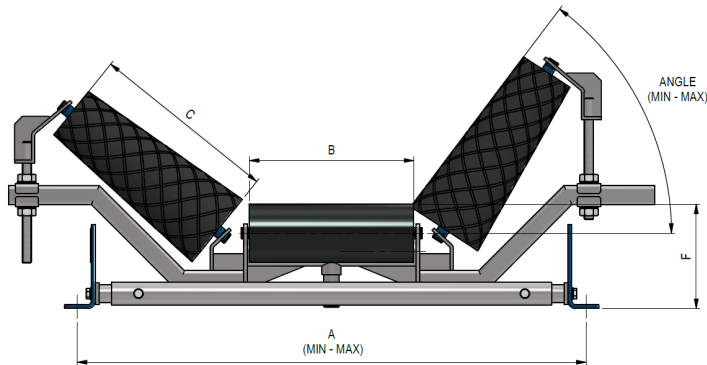
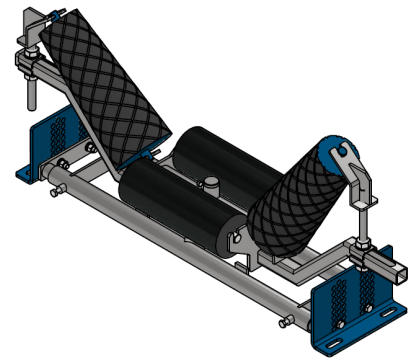
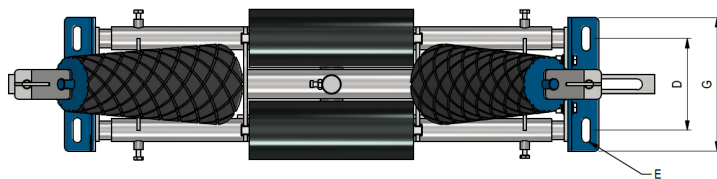
- ▶ Carry-side tracking on troughed conveyors
- ▶ For use on all belt types including steel cord and overland conveyors
- ▶ Single or bi-directional conveyor belts
- ▶ Suitable for surface and underground conveyors FRAS certified
- ▶ Compatible with 35°-58° trough angles
- ▶ Belt widths from 450-3000BW as standard, custom sizing available

KEY FEATURES

- ▶ Belt widths from 450-3000BW as standard, with custom sizes available
- ▶ Adjustable trough angle range of 35°-58°
- ▶ Compact pivot arms and adjustable base
- ▶ Quick roller changeout design
- ▶ Tapered wing rollers for instant activation
- ▶ Simplified product range
- ▶ 12mm injection-moulded lagging
- ▶ Lagging options including Natural and FRAS rubber and FRAS Polyurethane

KEY BENEFITS

- ▶ Suitable for all belt width and duty applications
- ▶ Allows installation in wider range of applications
- ▶ Allows for greater installation flexibility in guarded or restricted areas
- ▶ Fast roller replacement reduces conveyor downtime
- ▶ No servo rollers to damage conveyor belt edge
- ▶ Duty rating matched to belt width simplifying selection
- ▶ One-piece injection-moulded lagging supports long service life
- ▶ Certified for Underground Mining applications



CODE	BELT WIDTH	A ADJUSTABLE MIN-MAX	B	C	D MIN-MAX	E (SLOT)	F MIN-MAX	ANGLE MIN-MAX	G	TOTAL WEIGHT (KG)
55-20-001	450	560-725	120X Ø102	250	84-196	14X70	221-277	35-53	300	58
55-20-002	600	680-975	220X Ø102	290	84-196	14X70	221-277	35-53	300	67
55-20-003	750-800	830-1125	270X Ø102	290	84-196	14X70	221-277	35-53	300	73
55-20-004	900	980-1470	320X Ø127	380	84-196	14X70	255-333	35-53	300	124
55-20-005	1000-1050	1130-1830	370X Ø127	380	84-196	14X70	262-430	35-53	300	127
55-20-006	1200	1330-1830	430X Ø152	490	197-283	22X65	262-430	35-53	350	161
55-20-007	1350-1400	1530-1830	480X Ø152	490	197-283	22X65	262-408	35-53	350	222
55-20-008	1500-1600	1658-2114	540X Ø152	640	197-283	22X65	271-429	35-53	350	244
55-22-010	1800	1935-2480	640X Ø152	623	197-283	22X65	323-491	35-53	350	315
55-24-011	2000-2100	2235-2780	720X Ø152	750	197-283	22X65	329-429	35-53	350	335
55-24-013	2200	2435-2980	800X Ø152	800	197-283	22X65	329-429	35-53	350	364
55-24-015	2400	2635-3180	850X Ø152	850	197-283	22X65	329-429	35-53	350	379
55-24-016	2500	2735-3280	850X Ø152	900	197-283	22X65	329-429	35-53	350	384
55-24-017	2600	2835-3380	950X Ø152	900	197-283	22X65	329-429	35-53	350	396
55-24-018	2800	3035-3580	1050X Ø152	1050	197-283	22X65	329-429	35-53	350	477

The above table outlines wear-resistant rubber lagging options. This product is also available in FRAS Rubber and Fire Resistant Polyurethane. For further information or assistance selecting the right lagging solution for your application, please contact TS Global.

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