

Powered transfer conveyor for continuous feed into Horizontal Index systems

Designed for Precision Feed & Continuous Flow

The Transverse Conveyor bridges your stacking string to the Horizontal Index (Bridge) Conveyor with the power and mobility to match dynamic leach pad operations. With a high-powered drive and smart wheel setup, it maintains flow even when units are repositioned—minimising interruptions during cell changeovers or pad retreats.

SPECIFICATIONS

Standard length:	30 m module
Belt widths:	600–1500 mm
Height:	Engineered for horizontal index conveyor handover height
Capacity:	~300–2,000 tph (ore & config dependent)

Key Benefits on Site

- ✓ Dedicated feed into Horizontal Index (Bridge) Conveyor
- ✓ High-powered drive for smooth, consistent discharge
- ✓ Wheel configuration enables quick repositioning
- ✓ Enables continuous retreat stacking when paired with the Horizontal Index Conveyor
- ✓ Supports quick restart after grasshopper change outs
- ✓ Fast relocation up pads or over berms
- ✓ Works seamlessly with grasshopper string and full Carmaky stacker system



Common Applications

- Heap leach stacking systems with horizontal index conveyors
- Dynamic pad operations with frequent reconfiguration
- Systems requiring elevated transfer onto elevated distribution conveyors or pad lifts

System Role: Where It Fits

Placed at the end of the grasshopper string, the Transverse Conveyor is the dedicated handoff point to the Horizontal Index Conveyor.

Typical flow:

Feed source → Grasshopper string → **Transverse Conveyor** → Horizontal Index → Radial Stacker

Standard Features

- Wheel-mounted with loader/dozer or telehandler towing point
- Configured to feed the horizontal index conveyor
- Frame design similar to Grasshopper for system continuity
- Special wheel set for off-axis repositioning
- Integrated skirting and spillage control
- **Local support from South Africa**

Options & Integrations

- Quick-connect power/control umbilicals
- Walkways & Belt covers
- Powered and manual bogey options for quicker repositioning



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