

ANACONDA

CONVEYING THE FUTURE

Ardboe Business Park, Kilmascally Road, Dungannon, Co. Tyrone BT71 5BJ
Tel: (028) 867 37878 – Fax: (028) 867 36675

INTRODUCING THE TR60 TRACKED CONVEYOR



FEATURES

- | | |
|-----------------------------|--|
| • Total weight | 9000kg |
| • Width (transport) | 2.3m (7'8") |
| • Length (transport folded) | 12m (39'1") |
| • Powerunit | Diesel Hydraulic with CAT 2.2NA (38KW/50 HP) or Deutz D2011F (27.5kw/37HP) |

ADVANTAGES

- Capable of handling up to 500TPH.
- Quick set up time typically under 20 minutes.
- Track mobile unit
- High performance hydraulic system.

APPLICATIONS

- Crushed stone
- Sand and gravel
- Coal
- Topsoil
- Wood Chip

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All Specifications subject to change without prior notice



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The TR60 is a track mobile high capacity stockpiling conveyor, which is strong and economical to run.

The TR60 is versatile and can be used on its own or with other screening plants.

Its portability allows it to work in confined spaces and also where heavier conveyors would find it impossible to manoeuvre.

The TR60 consists of a track base, feedboot, conveyor, powerunit and has a pendant remote control system.

Feedboot:

The feedboot directs the sand, gravel, coal etc. onto the conveyor belt.

Conveyor:

The main frame can be raised or lowered with a hydraulic cylinder giving alternate stockpiling heights. The conveyor belt can be either plain or chevron, 3 ply, 800mm (32"), 900mm (36"), or 1050mm (42") wide.

Drive:

Self contained 50 H.P. CAT or 37HP DEUTZ diesel engine and cast iron hydraulic pumps driving cast iron motors.

Overall Dimensions:

Maximum Stockpiling Height:	8.4m (27'4")
Stockpile Capacity:	812cu m (1062cu yard)

Engine:

CAT 2.2Na running at 2300 RPM developing 38 kW (50 HP) or
DEUTZ D2011F running at 2200 RPM developing 27.5kW (37HP)

HYDRAULICS:

Hydraulic Pump:

Ultra 2PL105

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Hydraulic Motor:

Eaton OMT 500 (32" and 36") OMV630 (42")

Control Valve:

Commercial KA18 at 207 Bar (3000 PSI)

Recommended Hydraulic Oil

0 Deg. C - 30 Deg. C ambient temp, Shell Tellus 46 (or equivalent)
+ 30 Deg. C ambient temp, Shell Tellus 100 (or equivalent)

Typical Operating Pressures:

Empty: - 29 Bar (400 PSI)

Increase in pressure per 100
Tonnes (112 U.S. Tons) per hour: - 29 Bar (400 PSI)

Conveyor Details:

Conveyor Belt: - 2 ply 800mm (32") wide
or
2 ply 900mm (36") wide
or
3 ply 1050mm (42") wide

Drums outside diameter: - 273mm (10.75")

Drum speed (max.) Empty: - 145 rpm
Full: - 135 rpm

Conveyor Belt Speed Empty: - 127 m/min (416 ft/min)
Full: - 119 m/min (390 ft/min)

Crawler Track Data:

Tractive Effort	=	14,276 daN
Gradability Percentage	=	77 -75 %
Gearbox Ratio	=	134:1
Hydraulic Motor	=	Rexroth 32 cc/rev
Approximate Speed	=	1.53 Km/hr (0.95 Mph)

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