

TR 75 – TRACKED CONVEYOR

TECH SPECIFICATION

REV02



The TR75 is a track mobile high capacity stockpiling conveyor, which is strong and economical to run. The TR75 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 TR75 consists of a track base, feedboot, conveyor, powerunit and has a pendant remote control system.

FEATURES

- Total weight 12500kg
- Width (transport) 2.3m (7'8")
- Length (transport folded) 12m (39'1")
- Powerunit

Diesel Hydraulic with Deutz TD2011 (50KW/66HP) / JCB (JCB444 63kw 84 HP)



TR 75 – TRACKED CONVEYOR

ADVANTAGES

- Capable of handling up to 600TPH.
- 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 • Compost

TRANSPORT DIMENSIONS

Length: 12m (39'1")
Width: 2.3m (7'8")

WORKING DIMENSIONS

Stockpile Capacity: 1930cu m (2525cu yard)
Height: 10.9m (35'6")

FEEDBOOT

The feedboot directs the sand, gravel, coal etc. onto the conveyor belt.
Hopper capacity (standard feedboot extensions – 1.5m³ = 1.96 cu yd.
Hopper capacity (longer feedboot extensions – 1.9m³ = 2.48 cu yd.

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.

Conveyor Belt: -	3 ply 1050mm (42") wide
Drums outside diameter: -	323mm (12.75")
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)



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TR 75 – TRACKED CONVEYOR

DRIVE

Self contained diesel engine with aluminium and cast iron hydraulic pumps driving cast iron motors.

ENGINE

Diesel Hydraulic with Deutz 2011 (50KW/66 HP) / JCB (JCB444 63kw 84 HP)

DUAL POWER OPTION

30KW Electric Motor with mains socket to enable belt to be run off external mains supply.
Can also be run with standard diesel/hydraulic drive if preferred/required.

HYDRAULICS:

Hydraulic Pump:

DEUTZ

Standard: Parker 23/23 (on main flywheel)

JCB

Standard: David Brown 23/23 (on PTO)

Hydraulic Motors:

Eaton OMV630 or OMV800 (OPTION)

Control Valve:

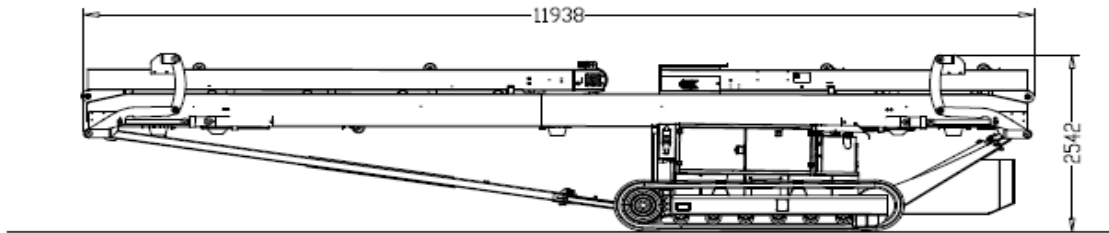
Nimco CV SERIES at 220 Bar (3200 PSI) Max

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)

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TRANSPORT DIMENSIONS



WORKING DIMENSIONS

