



TEREX® | FINLAY



WR-80

WR-80 PIT CONVEYOR

SPECIFICATION:

Conveyor Length:

22.85m (74' 10")

Drive:

Electric or Hydraulic

Portability:

Wheeled

SPECIFICATION

CONVEYOR

Conveyor Width: 900mm (36")

Belt Centres: 22.85m (74' 10")

Belt Type: (Plain/Chevron) Plain

Belt Spec: EP400 3 4+2

Hydraulic drive standard

Electric drive 15kW (optional)

Max Belt Speed of Conveyor: 80MPM - Based on CAT 1.7T Engine

Operating Angle: 7 - 23°

FEEDBOOT

Capacity (Low Level) 0.35 m³ (0.43yd³)

Feed In Width (Low Level) 775 mm (2' 6.5")

Minimum Feed In Height (Low Level) (7°) 1534 mm (5' 0")

Capacity (Extended) 1.1m³ (1.4yd³)

Feed In Width (Low feedboot) 1658 mm (5' 2")

Extended Minimum Feed In Height (7°) 1793 mm (5' 10")

POWERUNIT

Hydraulic drive plug-in as standard

Deployment Engine 5.5hp (optional)

Self-powered 18kW CAT 1.7 engine (optional)

UNDERCARRIAGE

Pit Chassis

Towing Eye

GENERAL

Can fit two side by side on a 'low-boy' trailer

One axle with dual wheels offers more stability and reduced ground compaction

Extended feedboot skirting to allow material to settle

Low Level grease points

Low Level feedboot

Simple feedboot base allowing end-user customisation when required

Poly Blade Spring mounted head scraper on Discharge Conveyor drive drum

Lattice design for increased strength and reduced weight

Two Emergency Stops

Low level wrap around drive allow the possibility of conveyor speed adjustment via pulley changes (with Electric version)

OPTIONS

Electric drive 15kW

Deployment engine 5.5hp

Low level greasing head drum

Spray Bar at head drum

High spec scraper at head drum, plain belt only

Single Radial Wheel Drive

Pull Cord E-Stop

Feedboot Liners: 6mm Mild Steel

Feedboot Liners: 6mm Wear Plate (AR400)

Feedboot Extension with Liners: Mild Steel

Feedboot Extension with Liners: 6mm Wear Plate (AR400)



Feedboot



Conveyor



Undercarriage

OPTIONS

Conveyor Fitted With Chevron Belt EP315/3 Ply x 3+1.5 Covers

Conveyor Fitted With Heavy Duty Plain Belt EP500/4 Ply x 8+2 Covers

Conveyor Underguard Length of Mid-Section

Canvas Conveyor Dust Covers

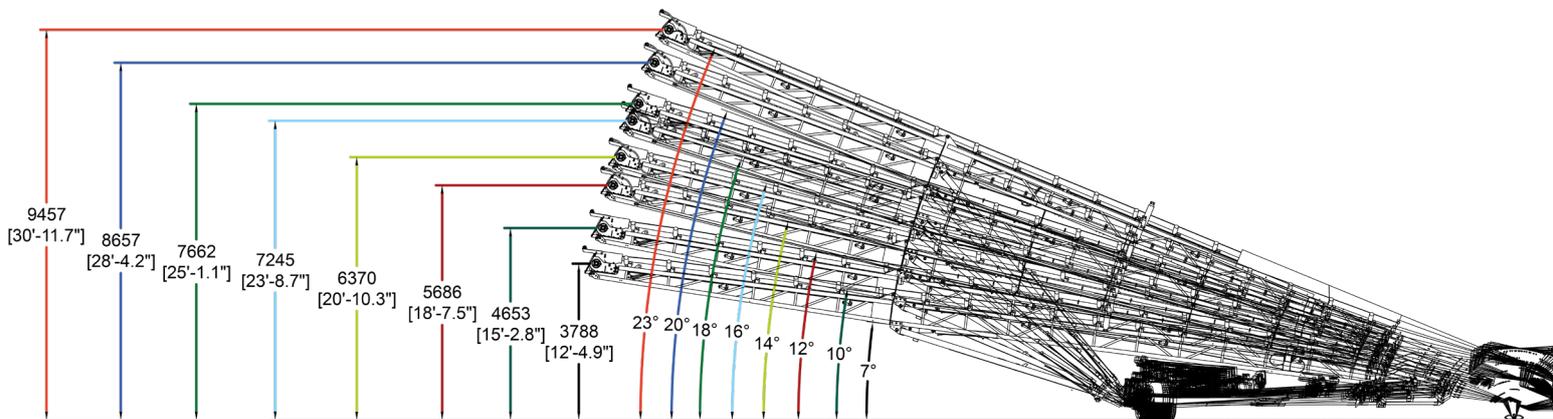
Hydraulic Angle Adjust

Hydraulic Fold (For Deployment)

Axle Jacking Legs (Hydraulic)

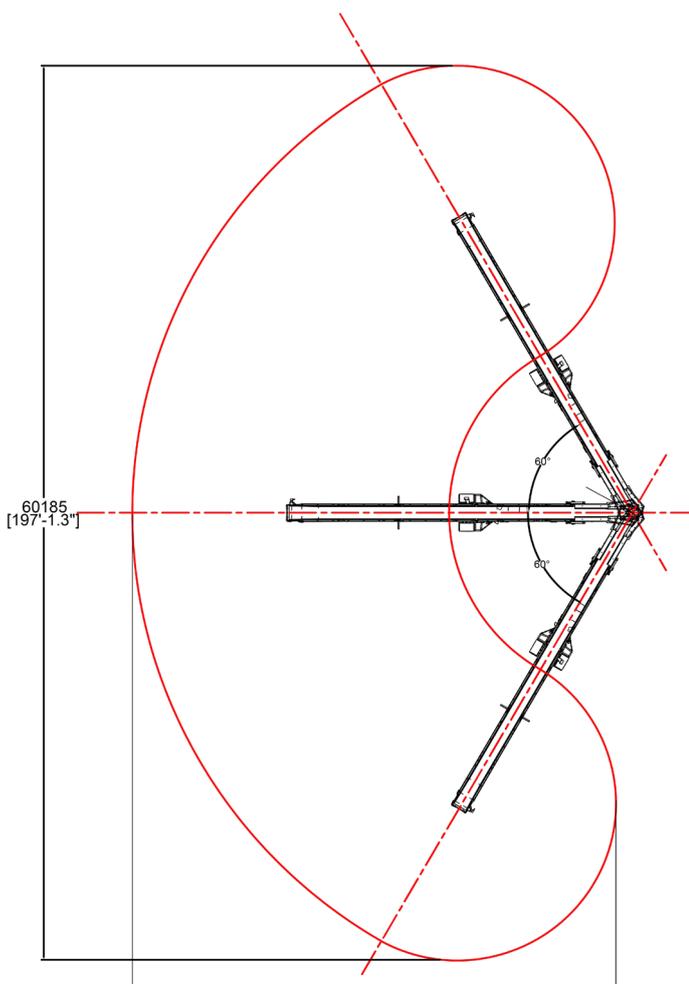
Feedboot-End Transport Jacking Legs (Hydraulic)

Self powered engine Cat C1.7 18kw with no after treatment system



STOCKPILE CAPACITIES

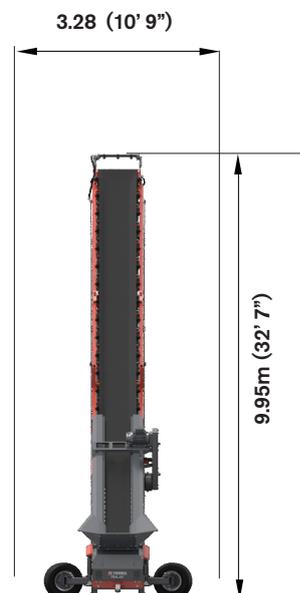
Discharge Height @ 23° Conical Stockpile	9.221m
Discharge Radius	20.958m
0° radial	1446m³ (2313yd³)
30° radial	2684m³ (4295yd³)
60° radial	3922m³ (6275yd³)
90° radial	5160m³ (8257yd³)
120° radial	6399m³ (10238yd³)
150° radial	7637m³ (12219yd³)
180° radial	8875m³ (14200yd³)
270° radial	12590m³ (20143yd³)
Variable Speed (Y/N)	Yes - Based on 1.7T Engine Speed



TRANSPORT DIMENSIONS

Length	16.55m (54' 3")
Width	3.1m (10' 2")
Height	3.95m (12' 11")

WORKING DIMENSIONS



MACHINE WEIGHT: 10,000 kg (22,046lbs) (Max Weight with full options)

FEEDBOOT DEADBOX:

- ▶ Standard Feedboot Capacity: (Low Level) 0.35 m³ (0.43yd³)
- ▶ Feed in width: (Low Level) 775 mm (2' 6.5")
- ▶ Minimum Feed In Height (Low Level) (7°) 1534 mm (5' 0")

CONVEYOR:

- ▶ Conveyor Width: 900mm (36")
- ▶ Belt Centres: 22.85m (74' 10")
- ▶ Belt Type: (Plain/Chevron) Plain
- ▶ Belt Spec: EP400 3 4+2
- ▶ Drive Drum Diameter: 293mm
- ▶ Tail Drum Diameter: 273mm
- ▶ Operating Angle: 7 - 23°
- ▶ Hydraulic drive standard
- ▶ Electric drive 15kW (Optional)



UNDERCARRIAGE:

- ▶ Pit Chasis
- ▶ Towing Eye

POWERUNIT:

- ▶ Hydraulic drive plug-in as standard
- ▶ Self-powered 18 kW CAT 1.7 engine (Optional)

STOCKPILE:

- ▶ Discharge Radius: 20.95m (68' 7")
- ▶ Discharge Height @ 23° Conical Stockpile: 9.22m (30' 2")