

TR-80

RADIAL CONVEYOR



STRONG **HERITAGE**, STRONG **FUTURE**

 **FINLAY**®
A TEREX BRAND

TR-80

RADIAL CONVEYOR



The Finlay TR-80 Radial Stockpiling Conveyor is the ideal solution for stockpiling material after mobile crushing and screening plants to build a desegregated stockpile and ensure a consistent quality product.

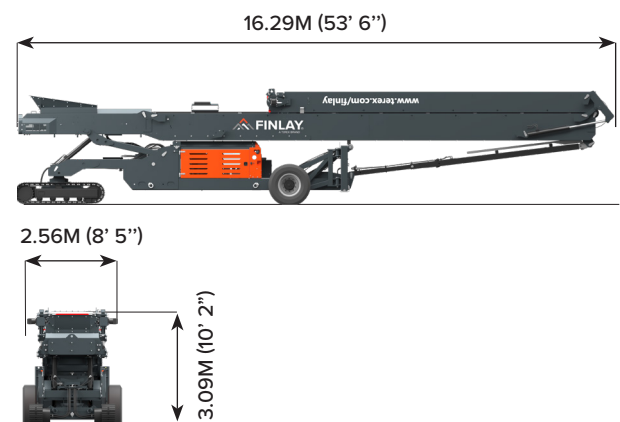
It can also be integrated seamlessly into stationary plants. The mobility and flexibility of the TR-80 radial conveyor reduces / eliminates the use of a wheel loader on site and the inbuilt strength of the machine means it can be utilized in a wide range of applications from heavy duty primary jaw crushing to light duty screening applications.

With a maximum discharge height of 10.18m (33' 5") when operated in conical mode the machine will stockpile 1811m³ (2369yd³) of material. When configured to operate at 120° Kidney Bean mode the machine will stockpile 7566m³ (9897yd³) of material.

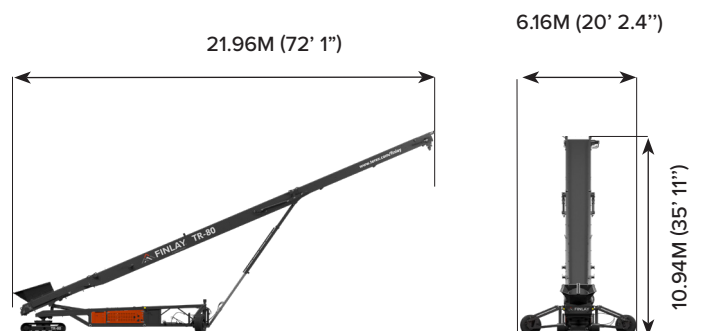
FEATURES:

- Inbuilt safety measures engineered into the machine include hydraulic feed height adjustment of the feedboot and pinless deployment of the main conveyor.
- For efficient onsite mobility the machine is fitted with crawler tracks and pendant control system as standard, optional radio remote control is also available to enable easy movement and transfer between locations.
- The machine features a 22.82m (74' 10") discharge conveyor that has the capacity to transfer up to 600tph (661 US tph) of material

TRANSPORT DIMENSIONS



WORKING DIMENSION



MACHINE WEIGHT:

16,020 KG (35,318LBS)
(STANDARD MACHINE CONFIGURATION)

1 TRACKS

Shoe Width (mm)	400mm (1' 4")
Gradability (°)	47.7°

2 FEEDBOOT

Standard Feedboot Capacity: 0.6m ³ (0.8 yd ³)
Feed in width: 1300mm (4' 3")
Extended Minimum Feed In Height: 2140mm (7' 0")

3 SAFETY MEASURES

Inbuilt safety measures engineered into the machine include hydraulic feed height adjustment of the feedboot and pinless deployment of the main conveyor.

4 CONVEYOR

Length: 22.82m (74' 10")
Belt width: 1050mm (42")

4 STOCKPILE CAPACITY

Maximum conical stockpile capacity based on 37° angle of repose: 640 tonnes (705 US ton).

Conveyor Angle (°)	Discharge Height	Stockpile Capacity @ 37° Angle of Repose	
		Conical	120° Kidney Bean
10	5.53m (18' 1")	274m ³ (439 yds ³)	3447m ³ (4509 yds ³)
12	6.27m (20' 6")	404m ³ (529 yds ³)	3929m ³ (5139 yds ³)
14	6.99m (22' 11")	569m ³ (745 yds ³)	4473m ³ (5851 yds ³)
16	7.72m (25' 4")	772m ³ (1009 yds ³)	5070m ³ (6631 yds ³)
18	8.43m (27' 8")	1013m ³ (1325 yds ³)	5718m ³ (7479 yds ³)
20	9.14m (29' 11")	1300m ³ (1700 yds ³)	6425m ³ (8404 yds ³)
23	10.18m (33' 5")	1811m ³ (2369 yds ³)	7566m ³ (9897 yds ³)





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Published and Printed in 2023