

I-100

IMPACT CRUSHER



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

 **FINLAY**®
A TEREX BRAND

I-100

IMPACT CRUSHER



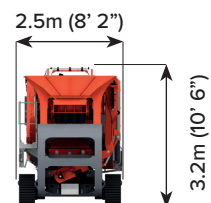
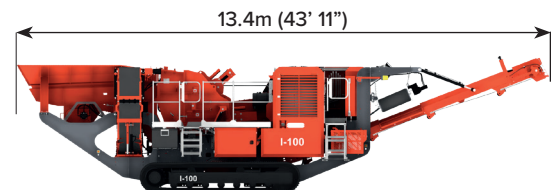
The Finlay® I-100 tracked impact crusher has been specifically designed for quarrying, recycling and demolition applications. The I-100 features a Ø860mm x 830mm (Ø34" x 33") direct drive impact chamber with variable rotor speed. The advanced electronic control system monitors, controls and regulates the speed of VGF with, integrated pre-screen, to maintain a consistent feed of material into the impact chamber while maintaining optimal crushing capacity.

The machine provides operators high material reduction ratios and produces a consistent product grading.

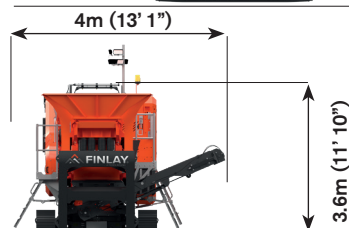
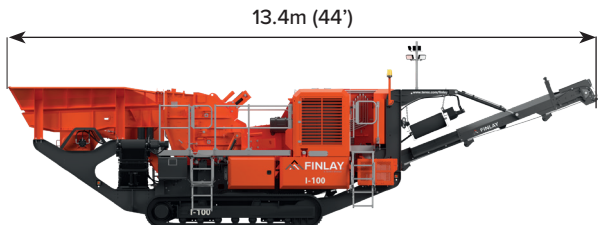
FEATURES:

- Hydraulic apron setting assist provides convenient and efficient adjustment of the aprons.
- Hydraulic overload protection provides instant protection for uncrushable material.
- Heavy duty vibrating feeder (VGF) with integrated prescreen helps by-pass dirty fines
- Direct drive crusher chamber with independent belt tensioner allowing for rapid adjustment.
- Crusher chamber is supplied with a 4 bar rotor and two apron design for large reduction ratios.

TRANSPORT DIMENSIONS



WORKING DIMENSION



MACHINE WEIGHT: 27,000kg (59,525lbs)
* With by-pass conveyor & twin pole magnet

1 HOPPER / FEEDER

Hopper capacity: 2.3m³ (3.01yd³)

Feed height: 3.2m (10' 6")

Speed: variable, 450 - 850 rpm

2 BY-PASS CONVEYOR

Belt Width: 500mm (20")

Working Angle: 25°

Discharge Height: 2.03m (6' 8")

Stockpile capacity: 13.8m³ (18yd³) @ 40°

3 IMPACT CHAMBER

Rotor diameter: Ø860mm (34")

Rotor width: 830mm (33")

Inlet opening: 860mm x 610mm (34" x 24")

Hydraulic apron setting assist

4 UNDERCARRIAGE

Shoe Width: 400mm (16")

Gradeability: 25°

5 MAGNET SEPARATOR (OPTIONAL)

Suspended self cleaning crossbelt overband magnet

Permanent magnet

Twin pole Version

6 MAIN CONVEYOR

Belt Width: 900mm (36")

Full length main conveyor with impact bars at feed point

Main conveyor can be lowered hydraulically for maintenance

Discharge Height: 3.25m (10' 8")

Stockpile capacity: 51m³ (66.7yd³) @ 40°



T-LINK TELEMATICS

T-Link telematics hardware and software along with free seven year data subscription are fitted and installed as standard.





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