

I-100RS

IMPACT CRUSHER



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

 **FINLAY**®
A TEREX BRAND

I-100RS

IMPACT CRUSHER



The Finlay® I-100RS direct drive Ø860mm x 860mm (Ø34" x 34") horizontal impact crusher with variable speed gives operators unprecedented levels of fuel efficiency and production in both recycling and quarrying applications. The machine features a 2.44m x 1.2m (8' x 4') single deck screen for sizing and recirculating oversize material back to the crushing chamber.

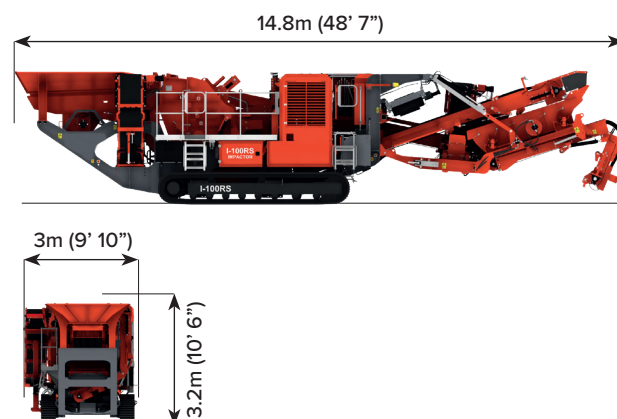
The sizing screen can be quickly detached for applications that do not require resizing or recirculation of materials for further processing.

The I-100RS features hydraulic folding of all conveyors providing rapid set-up times and easy point to point moves when operating on multiple sites.

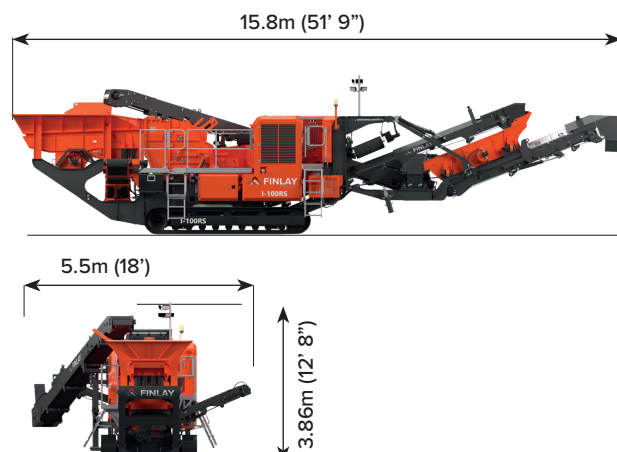
FEATURES:

- Direct drive Ø860mm x 860mm (Ø34" x 34") crusher chamber with unique belt tensioner system allowing for rapid adjustment.
- Hydraulic apron setting assist provides convenient and efficient adjustment of the aprons and hydraulic overload protection in event that an un-crushable object enters chamber.
- Detachable 2.44m x 1.2m (8' x 4') single deck screen returns oversize material back to the crusher via the on-board recirculating system.
- Quick and easy detachable screen, fines and transfer conveyor for open circuit crushing.

TRANSPORT DIMENSIONS



WORKING DIMENSION



MACHINE WEIGHT:

33,950kg (74,847lbs)*

(*With by-pass conveyor & twin pole magnet)

1. HOPPER / FEEDER

Feed height: 3.20m (10' 6")
 Width at rear: 2.26m (7' 5")
 Speed: variable, 450 - 850 rpm

2. BY-PASS CONVEYOR

Belt Width: 500mm (20")
 Hydraulically folds for transport
 Stockpile capacity: 13.8m³ (18yd³) @ 40°

3. IMPACT CHAMBER

Rotor diameter: Ø860mm (34")
 Rotor width: 860mm (34")
 Inlet opening: 860mm x 610mm (34" x 24")
 Drive arrangement: Direct drive via clutch

4. RE-CIRCULATING CONVEYOR

Belt width: 500mm (20")
 Speed: Adjustable
 Hydraulically folds for transport

5. MAIN CONVEYOR

Belt Width: 900mm (36")
 Discharge Height: 3.25m (10' 8")
 Full length main conveyor with impact bars at feed point
 Main conveyor can be lowered hydraulically for maintenance

6. SCREENBOX

Top deck: 2.44m x 1.2m (8' x 4')
 Drive: Hydraulic Motor
 Screen can be lowered to a horizontal position for mesh changing and general service access
 Screen and Fines can be quick detached if not required

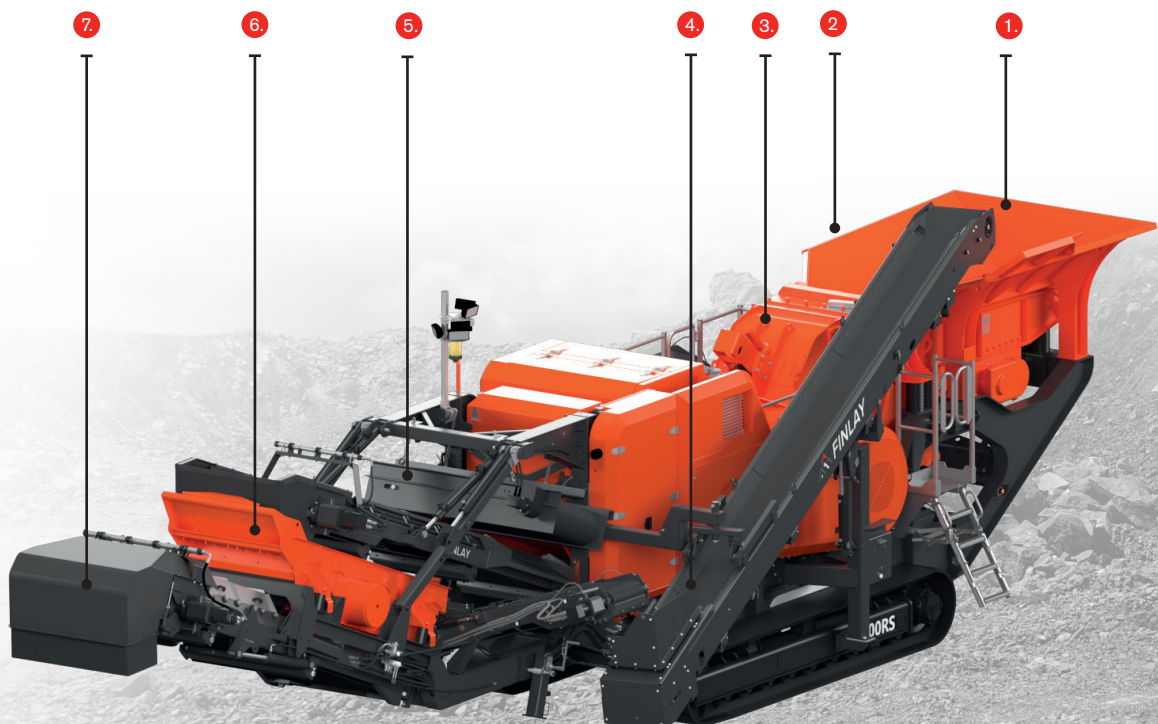
7. FINES CONVEYOR

Belt Width: 1.2m
 Hydraulically folding for transport



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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