

I-140RS

IMPACT CRUSHER



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

 **FINLAY**®
A TEREX BRAND

I-140RS

IMPACT CRUSHER



The Finlay® I-140RS mobile impact crusher has been designed to give improved material flow and production capabilities in quarrying, mining, demolition and recycling applications.

Incorporating the Terex® CR032 impact chamber with direct drive and advanced electronic control system the machine provides operators with high material reduction ratios and produces a consistent product shape.

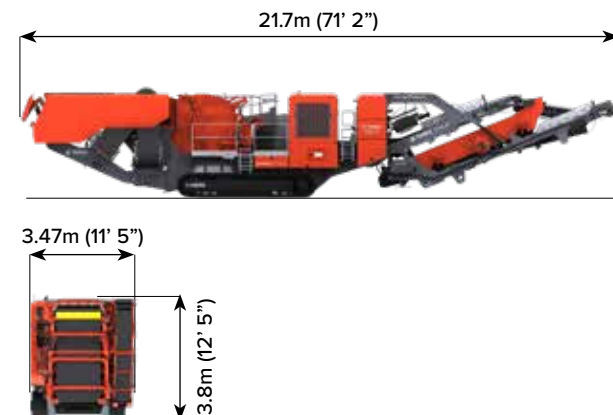
A key component of the machine is the on-board innovative quick detach 4.8m x 1.5m (16' x 5') single deck screen. For applications not requiring recirculation of materials for further processing or stockpiling the complete screening and recirculating system can be quickly detached from the machine.

The high productivity, ease of maintenance and operation makes the machine an ideal solution for large scale producers and contract crushing operators.

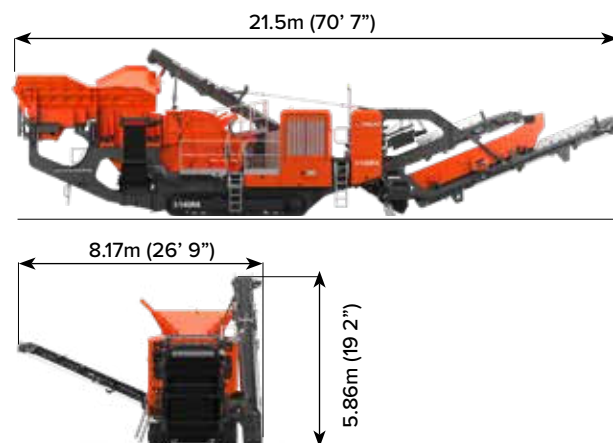
FEATURES:

- The ease of material flow through the machine has greatly improved with each component increasing in width as the material moves through the machine.
- Fully hydraulic assisted apron setting features makes adjustment of the aprons convenient and efficient.
- Heavy duty vibrating grizzly feeder (VGF) with integral pre-screen removes dirt fines and sizes bypass material for reprocessing.
- Quick on-board detachable recirculating system including large 4.8m x 1.5m (16' x 5') single deck screen.
- Recirculating conveyor can be rotated from closed loop configuration or utilized for stockpiling making an additional oversized product.

TRANSPORT DIMENSIONS



WORKING DIMENSION



MACHINE WEIGHT:

72,300Kg (159,394lbs) *est
(with Prescreen, by-pass conveyor, underpan & magnet options)

1 HOPPER/FEEDER

Fixed Hopper with Optional hydraulically folding and locking extensions

VGF Hopper capacity - No Ext: 6m³ (7.85yd³)

VGF Hopper capacity - With Ext: 9m³ (11.8yd³)

Width at rear - No Ext: 2.17m (7' 1")

Width at rear - with ext: 3.60m (11' 10")

2 BY-PASS CONVEYOR

Belt Width: 800mm (32")

Discharge Height: 3.38m (11' 1")

Hydraulically folds for transport

3 IMPACT CRUSHER

Rotor diameter: Ø1270mm (50")

Rotor width: 1220mm (48")

VGF Inlet opening: 1.16m x 865mm (45.6" x 34")

Prescreen Inlet opening: 1.17m x 835mm (46" x 33")

Maximum apron settings: Primary 150mm (6") secondary 75mm (3")

Minimum apron settings: primary 50mm (2") secondary 20mm (1")

4 RE-CIRCULATING CONVEYOR

Belt Width: 500mm (20")

Conveyor can be hydraulically rotated between recirculation mode and stockpile mode

5 MAIN CONVEYOR

Belt Width: 1300mm (52")

Working Angle: 22°

Full length main conveyor with impact bars at feed point

Optional vibratory undercrusher feeder with wear resistant liners and 2/3 length main conveyor

6 SCREENBOX

Top deck: 4.8m x 1.52m (16' x 5')

Screen angle: 22°

Total screening area: 7.5m² (80.7ft²)

7 FINES CONVEYOR

Belt width: 1.4m (55")

Discharge height: 3.54m (11' 8")



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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