

IMPACT CRUSHERS



WORKS FOR YOU.™

I-130

The Terex Finlay I-130 tracked impact crusher has been specifically designed for quarrying, mining, recycling and demolition applications. The Terex Finlay I-130 incorporates a Terex 1313 impact chamber with direct drive and advanced electronic control system. The large hopper features a variable speed VGF feeder and is available with an optional independent pre-screen with constant RPM for optimum separation even if feeder speed is reduced. The machine provides operators high material reductions ratios and produces a excellent product shape.

STANDARD FEATURES

Engine:

Tier 3 / Stage IIIA: Cat C13 440hp (328kW)

Tier 4i / Stage IIIB: Scania DC13 77A 450hp (331kW)

Chamber:

Cedarapids IP1313 Impact chamber

4 bar rotor - Toolsteel blow bars 2 High & 2 Low

Direct Drive via Fluid Coupling

Hydraulically assisted apron setting

Hopper / Feeder:

Hopper capacity: 9m³ (11.7yd³)

Hydraulically folding hopper sides

Heavy duty vibrating feeder

Stepped grizzly feeder with integral pre-screen, standard 50mm spacing

Mesh aperture on grizzly feeder: 38mm

Selectable discharge to by-pass conveyor or main conveyor

Main Conveyor:

Belt: 1000mm (40") full length

High spec scraper at main conveyor head drum

Piped for dust suppression c/w Spraybars

GENERAL:

Piped for overband magnet

Two Speed Tracking

Heavy Duty Track Unit - 3.78m (12' 5") Sprocket Centres, 500mm (20") Shoe Width

Hand Held Track Control Set with Connection Lead

Safety Guards in Compliance with Machinery Directive

Galvanised catwalk c/w handrail, kick board and access ladders

Emergency stops

Main Conveyor

- ▶ Belt Width: 1m (40")
- ▶ Belt Spec: plain
- ▶ Working Angle: 22°
- ▶ Speed: 120-135 m/min
- ▶ Full length main conveyor with impact bars at feed point
- ▶ Main conveyor can be lowered hydraulically for maintenance
- ▶ Dust suppression: fitted with hose and spray bars as standard (no pump supplied)
- ▶ Discharge Height: 3.7m (12' 10")
- ▶ Stockpile capacity: 75.3m³ (98.5yd³) @ 40°
- ▶ Optional vibratory undercrusher feeder with wear resistant liners and 2/3 length main conveyor

Powerpack

- ▶ Tier 4i: Stage IIIB : Scania DC13 77A
Engine Power: 450hp (331kW)
Engine Speed: 1700-2100 rpm
- ▶ ROW (Tier 3 or equivalent): Tier 3 / Stage IIIA -
Caterpillar C13 Tier 3 ACERT
Engine Power: 440hp (328kW)
Engine Speed: 1700-2100 rpm

Impact Chamber

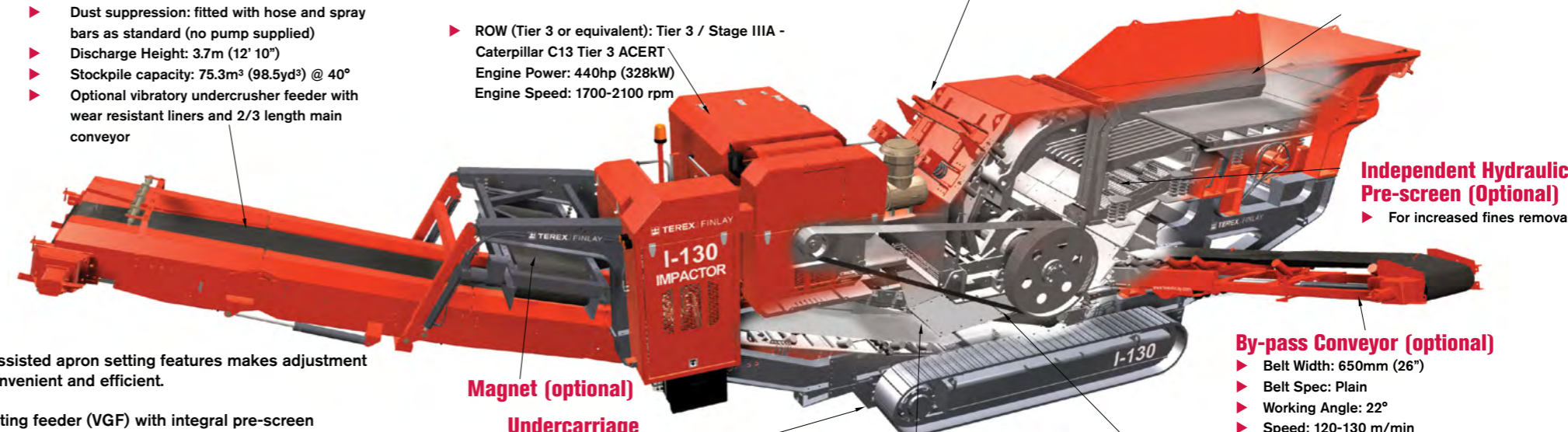
- ▶ Rotor diameter: Ø1270mm (50")
- ▶ Rotor width: 1220mm (48")
- ▶ Inlet opening: 1.06m x 840mm (42" x 33")
- ▶ Rotor speed Range: 400 - 600 rpm
- ▶ Maximum feed size: 600mm (24")* - depends on material
- ▶ Drive arrangement: Direct Drive
- ▶ Twin Apron
- ▶ Maximum apron settings: Primary 200mm (8") secondary 100mm (4")
- ▶ Minimum apron settings: primary 75mm (3") secondary 25mm (1")
- ▶ Rotor Configuration: 4 bar rotor, 2 high / 2 low standard
- ▶ Hydraulically opens for ease of access
- ▶ Simple wrench adjustment of breaker plates, hydraulic assist
- ▶ Blowbar options: Tool steel (standard), ceramic & high chrome

Hopper / Feeder

- ▶ Hopper capacity: 9m³ (11.7yd³)
- ▶ Feed height: 4.17m (13' 8")
- ▶ Material: 12mm (1/2") wear resistant steel
- ▶ Width at rear: 2.65m (8' 8")
- ▶ Locking mechanism: manual
- ▶ Hydraulically folding sides and rear
- ▶ Vibrating Grizzly feeder (VGF): 1.5m x 1.2m (5' x 4')
- ▶ VGF grizzly aperture: 75mm standard (50mm, 100mm optional)
- ▶ VGF wire mesh aperture: 38mm
- ▶ Speed range: variable 450-850 rpm
- ▶ Optional Hopper extensions VGF ONLY - 11m³ (14.4yd³)
- ▶ Optional Independent Hydraulic Prescreen - Feed height 4.28m (14') (+1500kgs / 3300lbs)

Features:

- ▶ Fully hydraulic assisted apron setting features makes adjustment of the aprons convenient and efficient.
- ▶ Heavy duty vibrating feeder (VGF) with integral pre-screen removes dirt fines and sizes bypass material for reprocessing.
- ▶ Optional under crusher vibratory plate feeder with wear resistant liners aids material discharge flow and reduces under crusher blockages.
- ▶ Efficient direct drive crusher chamber is supplied with a 4 bar rotor as standard with a 3 bar rotor available as an option.



Independent Hydraulic Pre-screen (Optional)
▶ For increased fines removal

Magnet (optional)

Undercarriage

- ▶ Bolt on tracks
- ▶ Shoe Width: 500mm (20")
- ▶ Sprocket Centres: 3.78m (12' 5")
- ▶ 2 Speed with 'soft start':
- ▶ Track Speed: 1.5km/h
- ▶ Gradeability: 25°

Under-crusher Vibratory Feeder (optional)

- ▶ Full belt available (standard)

Direct Crusher Drive

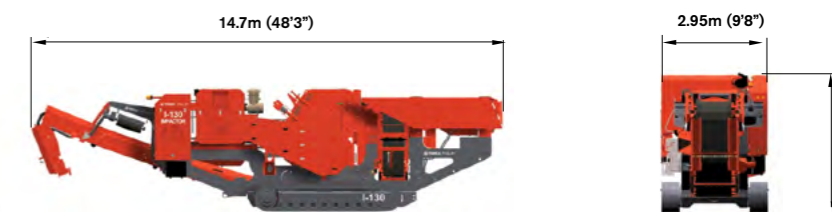
- ▶ Increased operating efficiency

By-pass Conveyor (optional)

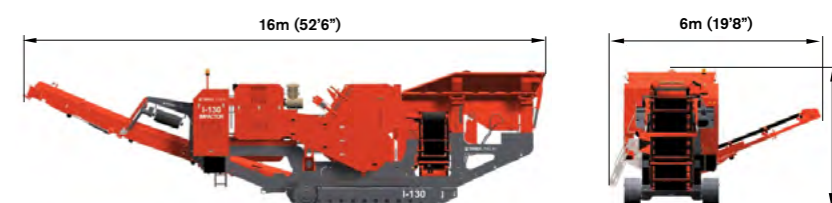
- ▶ Belt Width: 650mm (26")
- ▶ Belt Spec: Plain
- ▶ Working Angle: 22°
- ▶ Speed: 120-130 m/min
- ▶ Universal mounting to left or right hand side- (Specify at time of order)
- ▶ Hydraulically folds for transport
- ▶ Standard Discharge Height: 2.1m (7')
- ▶ Stockpile capacity: 13.8m³ (18yd³) @ 40°
- ▶ Optional extended discharge height: 2.9m (9' 6")
- ▶ Extended Stockpile capacity: 36.3m³ (47.5yd³) @ 40°



Transport Dimensions



Working Dimensions



Machine Weight: 49,000Kg (108,026lbs)*
*Standard machine configuration

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