

I-130

IMPACT CRUSHER



Inlet Opening:	Ø1065mm x 1245mm (Ø42" x 49")
Net Engine Power:	Tier 2: Scania DC13 335kW (450hp) Tier 4F/Stage V: Scania DC13 335kW (450hp) Dual Certified
Portability:	Tracked
Estimated Operating Weight:	41,410Kg (91,293lbs) - Pre-screen and By-pass Conveyor

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

 **FINLAY**®
A TEREX BRAND

I-130

IMPACT CRUSHER

VGF HOPPER/FEEDER

Hydraulic folding hopper with wedge-lock system

Length: 4.81m (15' 10")

Width: 2.6m (8' 6")

Width with extensions: 3.15m (10' 4")

Capacity: 7.2m³ (9.4 yd³)

Capacity with extensions: 9.4m³ (12.3 yd³)

Feed height: 4.25m (13' 11")

Feed height with extensions rear: 4.25m (13' 11")

Feed height with extensions side: 4.53m (14' 10")

VGF Grizzly aperture: 50mm (2") standard - options available

VGF wire mesh aperture: 38mm (1 1/2")

PRE-SCREEN (OPTIONAL)

Pre-screen: Hydraulic driven independent 2 deck prescreen

1.98m (6'6") x 1.17m (3'10") top and bottom deck

50mm (2") cassette standard - options available

punch plate top deck available

38mm (1 1/2") mesh standard - options available

IMPACT CHAMBER

Rotor width: 1245mm (49")

Rotor diameter: Ø1065mm (42")

Pre-screen inlet opening: 1166mm x 729mm (46" x 29")

Max CSS setting: 150mm (6") primary, 75mm (3") secondary

Min CSS setting: 50mm (2") primary, 18mm (0.7") secondary

Rotor speed: 590 - 748rpm

Tip speed: 33-41.8m/s

Drive arrangement: Direct Drive through wedge belts with tensioning system on the power unit

Twin Apron - grinding path option available

Hydraulic hood open

Simple wrench adjustment of aprons, hydraulic assist

Rotor configuration: 4 Bar Rotor

2 High & 2 Low - other options available

Max Feed Size: 500mm - Blasted Rock (Limestone Type), 800 x 650 x 250mm - Concrete / Demolition (Slab)

Maximum recommended size of rebar steel in feed material: 20mm diameter, 500mm long)

POWERPACK

Tier 2: Scania DC13

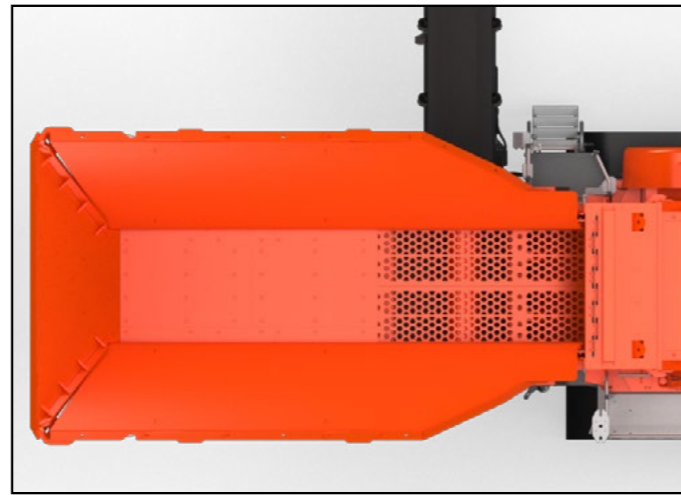
Engine Power: 335kW (450hp)

Engine Speed: 1500 - 1900 rpm

Tier 4F/Stage V: Scania DC13

Engine Power: 335kW (450hp)

Engine Speed: 1500 - 1900 rpm



Hopper & Feeder



Optional Independent Pre-Screen



Impact Chamber

MAIN CONVEYOR

Belt Width: 1100mm (44")

Working Angle: 24°

Dust Suppression: fitted with hose and spray bars as standard (no pump supplied)

Discharge height: 3.78m (12' 6")

Stockpile capacity: 99m³ (130yd³)

Optional under crusher vibratory feeder with wear resistant steel liners (c/w shortened main conveyor)

CONTROL SYSTEM

Full PLC control system

Full colour backlit screen

Complete pictorial user controls

Multi-function backlit menu buttons

Full system diagnostics

Sequential auto start up

Main controls:

- Engine/crusher speed
- Feeder (start/stop/speed)
- Product conveyor (start/stop)
- Screen/fines/cross/recirculating
- Product conveyor raise/lower
- Side conveyor
- Crusher control/screen setup

Detachable doglead control for tracking

Radio remote control

Engine control/monitoring panel

Lockable compartment

Emergency stops: 6 off

PLATFORMS

Galvanised catwalks and ladders for full maintenance and service access

Catwalks on both sides of machine

Compact folding for transport



Main Conveyor



Control System



Platforms

I-130

IMPACT CRUSHER

TANK CAPACITIES

Diesel Tank Capacity: 720L (190 US G)

Hydraulic Tank Capacity: 700L (184 US G)

Reductant Tank Capacity: 60L (16.8 US G)

BY-PASS CONVEYOR (OPTIONAL)

Belt Width: 650mm (25")

Working Angle: 24°

LH and RH variant available (Specify at time of order)

Hydraulic folding for transport

Discharge Height: 2.58m (8' 6")

Stockpile capacity: 31m³ (41yd³)

MAGNETIC SEPARATOR (OPTIONAL)

Suspended self cleaning crossbelt overband magnet

Belt Width: 750mm (30")

Drive: Direct Drive Hydraulic Motor

Single Pole or Twin Pole - RHS discharge only

UNDERCARRIAGE

Bolt on tracks

Shoe Width: 500mm (20")

Sprocket Centres Prescreen: 4.05m (13' 3")

Sprocket Centres VGF - 3.79m (12' 5")

Variable Speed Tracks

Top Speed 1 km/h

Gradeability: 30°



By-Pass Conveyor



Overband Magnet

OPTIONAL EQUIPMENT:

Crushing Chamber Gridding Path

Rotor fitted with 2 full martensitic ceramic & 2 low martensitic blow bars

Rotor fitted with 2 full high chrome & 2 low martensitic blow bars

Rotor fitted with 2 full toughened chrome & 2 low martensitic blow bars

Rotor fitted with 4 full martensitic ceramic blow bars

Rotor fitted with 4 full high chrome blow bars

Rotor fitted with 4 full toughened chrome blow bars

Hopper Extensions

Pre-screen optional grizzly spacing - 38mm, 63mm or 75mm

Pre-Screen optional punch plate spacing - 25mm, 38mm, 50mm, 63mm & 75mm

VGF optional grizzly spacing - 38mm, 63mm or 75mm

VGF optional punch plate spacing - 25x75mm, 38mm, 50mm, 63mm & 75mm

Mesh aperture on grizzly under screen if changing from standard size

Under crusher vibratory feeder with wear resistant steel liners (c/w shortened main conveyor)

Additional dust cover

Bypass conveyor with 650mm wide plain belt, discharging to the RHS or LHS of the machine.

Magnet preparation c/w hosing, shredder plate and mounting chains (RHS discharge standard)

Single pole over band magnet c/w stainless steel skirting & stainless steel discharge chute, discharging to RHS of the machine.

Twin pole over band magnet (skirting & chute as above).

Belt weigher on main conveyor

Hot climate lubrication kit (Recommended for ambient temperatures between +15 to +50°C)

Cold climate lubrication kit (Recommended for ambient temperatures between -20 to +30°C).

Water pump for dust suppression

Lighting Mast

Reversible Engine Fan with fuel save function

Plant Auto Greaser

I-130

IMPACT CRUSHER

IMPACT CHAMBER

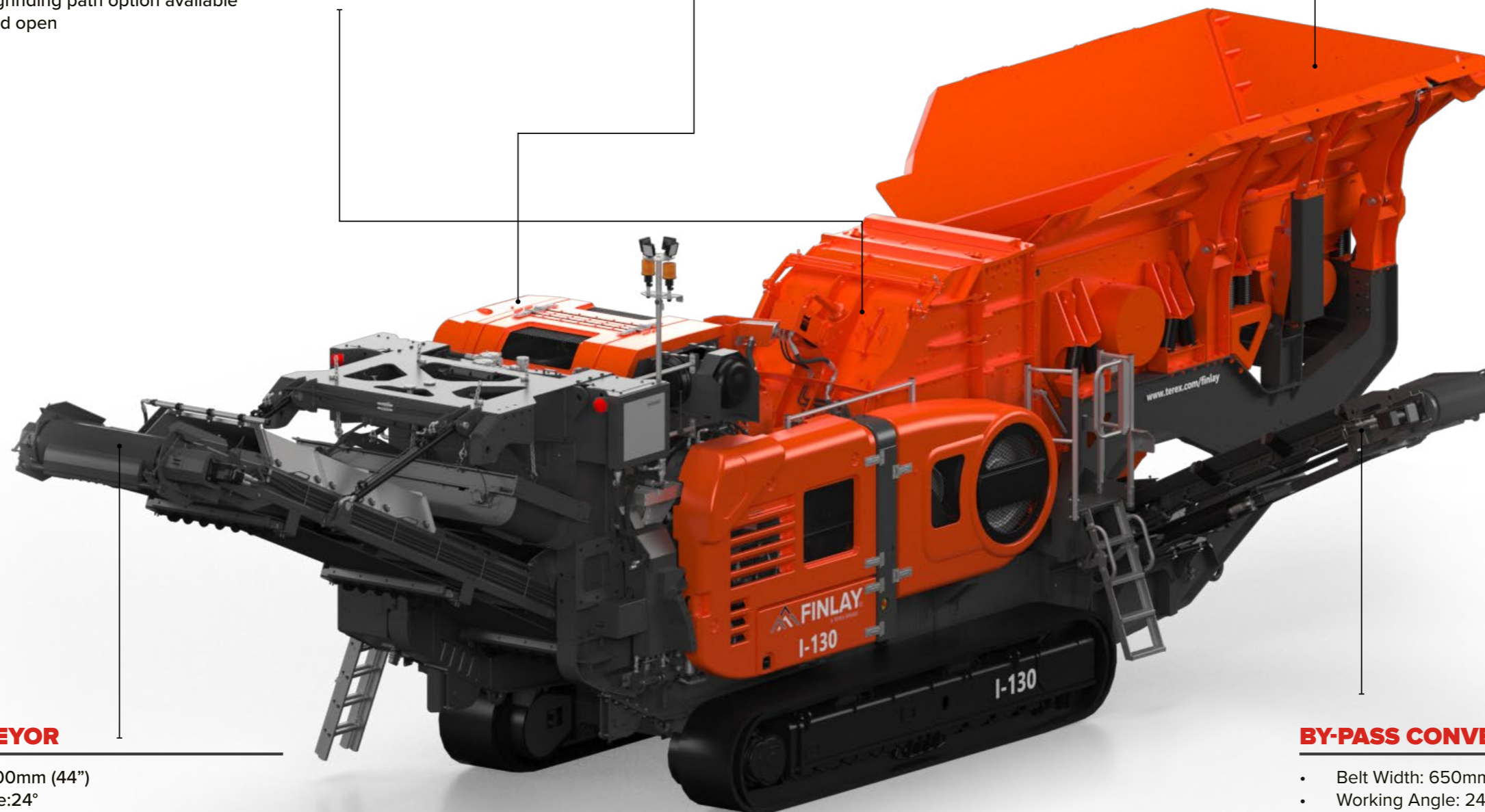
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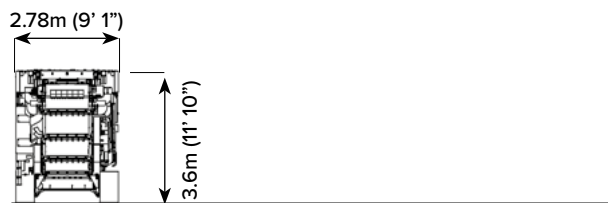
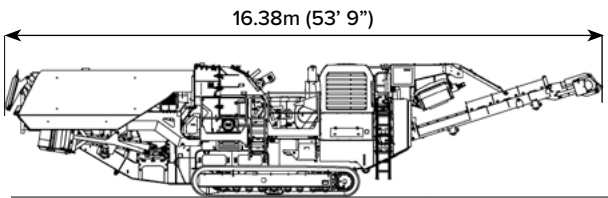
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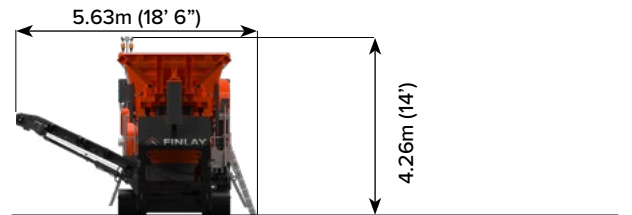
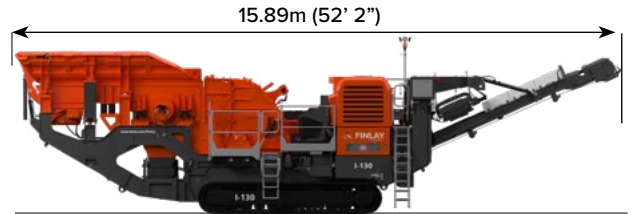
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TRANSPORT DIMENSIONS



WORKING DIMENSIONS



ESTIMATED MACHINE WEIGHT: 41,410Kg (91,293lbs)
Pre-screen and By-pass Conveyor