



TEREX® | FINLAY

I-130

I-130 Impact Crusher



SPECIFICATION:

Rotor Size:	Ø1270 x 1219mm Ø50" x 48"
Net Engine Power:	328kW 440 HP
Portability:	Tracked
Operating Weight:	49,000 kgs* 108026 lbs*

**Note: Without one by-pass and magnet options*

WORKS FOR YOU.™

SPECIFICATION

IMPACT CHAMBER

Cedarapids IP1313

Inlet opening 1060mm x 840mm (42" x 33")

Discharge opening: 1667mm x 1238mm (66" x 49")

Rotor size: Ø1270mm x 1219mm (50" x 48")

Maximum feed size: 600mm (24")* - *depends on material

Power rating: 186 - 224kW (250 - 300HP)

Rotor speed: 400 - 600rpm

Direct Drive via fluid coupling and V-Belt.

Impact bar arrangement: 4 rotor standard, (2 Hi- 2 Low)

3 rotor optional (Specify at time of order)

Standard impact bars - Tool steel

Weight - 279kg (615lbs)

Length - 1219mm (48")

Thickness - 102mm (5")

Optional Impact Bars- (Specify at time of order)

127mm (5") High Chrome with ceramic inserts

127mm (5") High Chrome (25%)

Capacity: 136-272 tph (150 - 300 US)

Primary Apron Cast Manganese - 2087kg (4600lbs)

Hydraulically raised front section for ease of access

Simple wrench adjustment of breaker plates, hydraulic assist

Massive backer bar with replaceable insert bar

Simple quick impeller bar replacement

Dual locking impact bar wedge system

Interchangeable breaker apron liners

Interchangeable frame liners

Balanced, high strength, high inertia open-disc type rotor

Large spherical roller bearings

Inspection doors for all critical areas

MAIN CONVEYOR

1000mm (40") Rip Stop Belt

Discharge height- 3.7m (12' 10")

High spec scraper at head drum

Dust suppression standard

Low level greasing as standard

Hydraulic folding for transport

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

Full length belt standard

(no undercrusher vibratory feeder fitted)

HOPPER AND FEEDER

9m³ hopper capacity (11.7 yd³)

Hydraulically folding rear and Sides

12mm (5/8") wear resistant side walls

Tapered grizzly apertures - set to 50mm spacing*
(*Optional Spacing 25mm, 75mm & 100mm)

Integral screen 5' x 4' (1500 x 1200mm)

Heavy duty counter rotating shafts, oiled bearings

Hydraulically driven- variable speed

Hopper length: 4640mm (15'2")

Hopper width: 2670mm (8'9")

Vibrating unit length: 4070mm (13'4")

Vibrating unit width: 1095mm (3'7")

Independant hydraulic Pre-screen optional

POWERPACK AND CONTROL SYSTEM

Tier 3/Stage 3A Caterpillar C13 328 kW (440hp)

Tier 4/Stage 3B Scania DC1370A 331kW (450hp)

Direct drive

Full catwalk access on both sides

Access panels

730 litre (160gal) (193 US gal) diesel tank

UNDERCARRIAGE

3780mm (12'5") sprocket centres 500mm (20") shoe width

2 speed selectable track speed

Gradability 30°

Hydraulic grease tensioning

Bolt on tracks

Dual Speed tracking with soft start

MAGNETIC SEPARATOR (OPTIONAL)

Suspended self cleaning cross belt overband

600mm (24") belt

Centres 1680mm (66")

Hydraulically driven

TOOL BOX

Mounted lockable tool box

Tool kit and flogging spanners

Grease gun

Manuals

RADIO REMOTE CONTROL

Full function radio remote unit (Option)

Machine can be switched from crushing mode into track mode, moved, and switched back to operating mode from remote control unit.

Umbilical control unit (supplied standard) offers track control only



CONTROL SYSTEM

Advanced CANBUS compliant system

Large display screen (IP67 Rated)

Five simple operating modes with menu driven graphic user interface -

- Track mode : For moving machine
- Manual mode : For manually starting machine
- Automatic mode : For automatically starting the machine in predetermined sequence
- Configuration mode : For testing/setting individual components
- Language selection : For setting languages

Detachable doglead control for tracking

Radio remote control (option)

Engine control/monitoring panel

Lockable compartment

BYPASS CONVEYOR (OPTIONAL)

650mm (26") Plain belt

Universal mounting to left or right hand side-
(Specify at time of order)

Foldable for transport

Low level greasing

2100mm (6' 10") discharge height

EXTENDED BYPASS CONVEYOR (OPTIONAL)

650mm plain belt - 3 ply, 3mm top, 1.5mm bottom

2800mm (9' 2") discharge height

Direct hydraulic drive

Universal mounting to left or right hand side

Hydraulically folded for transport

Low level greasing

PLATFORMS

Maintenance/ access platforms are provided for all key areas around the impact chamber, drive system and power unit. The catwalks are accessible from right hand side of the machine and feature double handrails, self-closing access gates and access ladders.

All catwalks are galvanized

ALSO AVAILABLE

I-130 Tracked and Wheeled

Detachable bogie unit allows tracked machine to be transported without using trailer

Specify option on machines at time of order

WORKS FOR YOU.™





STANDARD FEATURES

ENGINE:

Tier 3 / Stage 3A Cat C13 328kW (440Hp)

Tier 4i / Stage 3B Scania DC13 70A 331kW (450Hp)

CHAMBER:

Cedarapids IP1313 Impact chamber

4 bar rotor toolsteel blow bars 2 hi - 2 low

Direct Drive

Hydraulically assisted apron setting

HOPPER/ FEEDER:

9m³ hopper capacity (11.7 yd³)

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:

1000mm (40") Rip stop belt full length belt

High spec scraper at head drum

GENERAL:

Piped for dust suppression c/w Spraybars

Piped for overband magnet

Two Speed Tracking

Heavy Duty Track Unit - 3780mm (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

High specification oil cooler

Emergency stops

OPTIONAL EQUIPMENT

Undercrusher vibratory feeder c/w shortened main conveyor

Radio remote System: Operational controls of machine (auto start/ stop) & track movement

Bypass conveyor with 650mm wide plain belt

Extended bypass conveyor with 650mm wide plain belt

Over band magnet c/w stainless steel skirting & stainless steel discharge chute

Heavier duty overband magnet (skirting & chute as above)

Manual gantry for assisting blow bar change

Belt weigher

1 nr stockpiler drive(Requires 1 nr Auxiliary Drive)*

Special paint colour (if different from Terex White Colour RAL 1013 or Finlay Orange RAL 2002). RAL must be specified

Additional dust cover on discharge conveyor

Hydraulically driven water pump(Requires 1 nr Auxiliary Drive)*

Re-circulation conveyor (for 694 application. NB 694 requires special oversize plus conveyor)

Independent pre-screen c/w extended bypass conveyor with 650mm wide plain belt, 75mm cassette spacing & 38mm mesh as standard - other cassette and mesh apertures available upon request (Requires 1 nr Auxiliary Drive)*

Optional spacing on grizzly, 25mm/75mm/100mm

Lighting mast

Please contact the sales department for blowbar options

3 bar rotor

Hot climate lubrication kit (For above +30°C ambient)

Hot climate cooler pack (For above +40°C ambient). Note Includes hot climate lubrication kit

Cold climate lubrication kit (for below -10°C ambient)

* Note: only 2 nr Aux Drives available 1 standard and 1 waterpump



TEREX | FINLAY

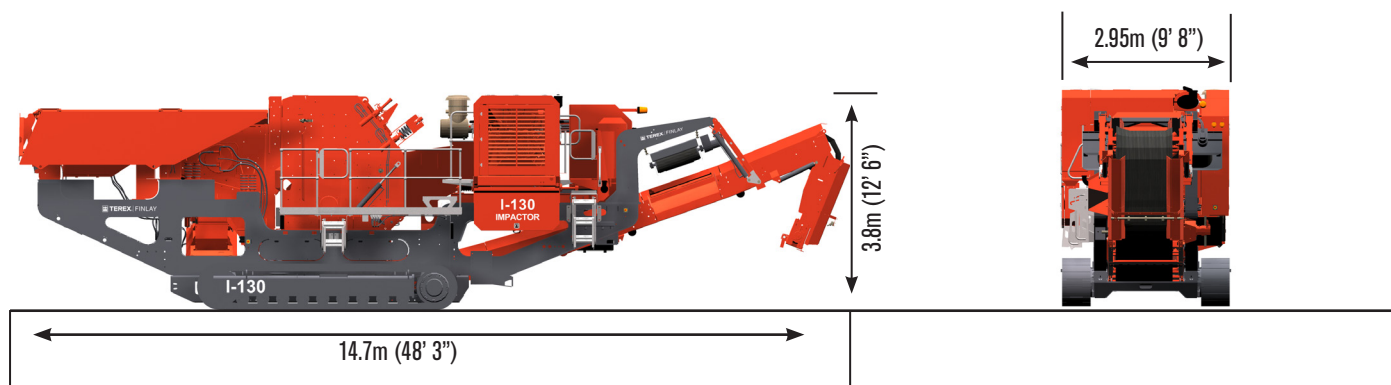




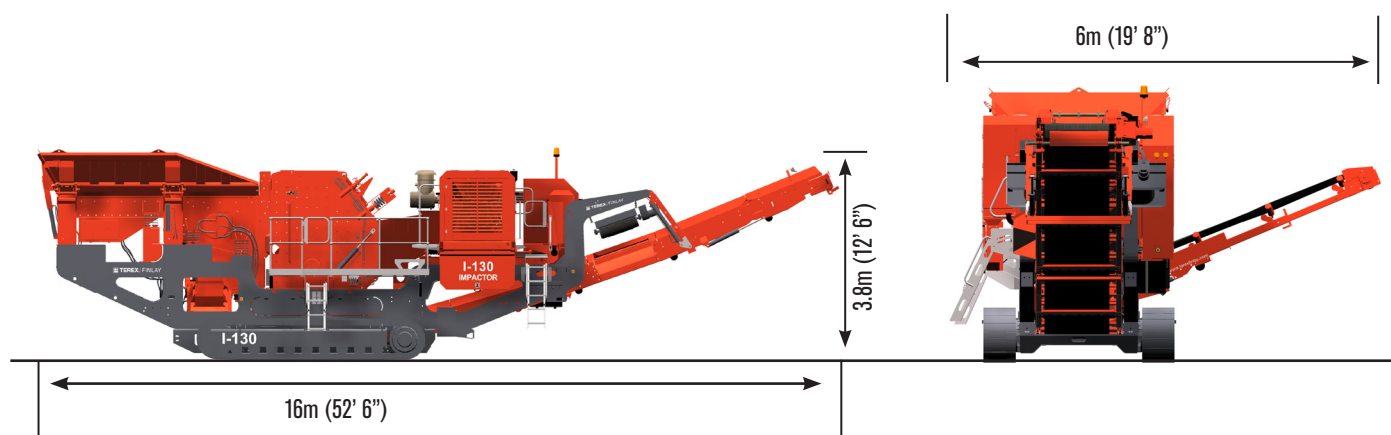
I-130

TRANSPORT AND WORKING DIMENSIONS

TRANSPORT



WORKING



WEIGHT: 49,000kgs 108,026lbs
No options

WORKS FOR YOU.™





TEREX® | FINLAY

