

TRAKPACTOR 550

The Powerscreen® Trakpactor 550 is a horizontal shaft impactor which is versatile, efficient and highly productive. It offers both excellent reduction and a high consistency of product yield in quarrying, recycling and demolition applications. The machine has been designed with excellent material flow and serviceability in mind. In addition, the machine can be configured for work safely and in record time as set-up is all carried out at ground level.

The robust Terex impact chamber features c-shaped blowbars as standard for better impact and a time-saving hydraulic adjust option.

Features & Benefits

- Suitable for a variety of feed materials including recycling, demolition & quarry applications
- Double deck grizzly feeder with under screen
- Impact crusher with hydraulic overload protection
- 4 Bar rotor with twin apron design
- Crusher speed variation through user friendly PLC control system
- Modular conveyor with raise/lower facility to aid clearance of rebar
- Economical to operate with a chamber drive via clutch & highly fuel efficient direct drive system
- Full length conveyor "under belt version"
- New Terex Chamber
- Fitted with Powerscreen Pulse Telematics system
- Efficient load sensing hydraulic system for better fuel efficiency
- Terex design underpan
- Low level battery access
- Designated hydraulic cabinet

Options

- Full & half size martensitic, austenitic, chrome, ceramic blow bars
- Vibrating grizzly feeder
- 4 Full size blow bars in lieu of 2 half blow bars
- Blow bar crane
- Wire mesh for grizzly underscreen
- Belt weigher
- Overband magnet
- Bypass conveyor
- Electric refuelling pump
- Hydraulic driven water pump
- Radio remote control
- 2 Deck live pre-screen
- Plant lighting
- Fully independent under crusher vibrating pan feeder
- Positive air pressure control cabinet
- Small pulley wheel for slower rotor tip speeds
- Constant speed engine (EU only)
- Hazemag 1214 Chamber
- Product conveyors dust covers
- Auto adjust (Terex chamber only)
- Reversible fan
- Fuel active diesel delivery system
- Bolt on extended hopper

Applications

- Blasted rock
- River rock
- C & D waste
- Foundry waste
- Processed ores
- Processed minerals

TRAKPACTOR 550

Weight (Est)	54,850kg (115,919lbs) with bypass conveyor & magnet (excluding pre-screen)
Transport width	3m (9'10")
Transport length	17.46m (57'3")
Transport height	3.8m (12'6")
Working width	3m (9'10") 6.96m (22'10") with bypass conveyor
Working length	18.6m (61')
Working height	5.15m (16'9") with hopper extensions



*Depends on application
Engines are available that are certified to US EPA and EU off road diesel emission standards. Talk to your dealer about possible certification options (i.e. Tier 3/Stage 3A, Tier 4 / Stage 4, Constant speed).

Hopper

Wear resistant feed hopper
Length: 4.87m (15'12")
Width: 2.62m (8'7")
Capacity: 7m³ (9.2yds³)

Feeder

Vibrating pan and grizzly feeder
Length: 4.3m (14'1")
Width: 1.26m (4'2")
Grizzly length: 2m (6'6")

Crusher

Twin apron, 4 bar impact crusher
Feed Opening: 1370mm x 911mm (54" x 36")
Min. CSS: 75mm (3")* upper apron
Min. CSS: 35mm (1.4") lower apron

Bypass Conveyor (option)

Width: 800mm (32")
Discharge height: 3.2m (10'6")



Tracks

Width: 500mm (20")

Power Unit

Tier 3/Stage 3A:
CAT C13 ACERT 328kW (440hp)
Tier 4F/Stage 4:
Scania DC13 373kW (500hp)
Fuel tank capacity: 1000 L (264 US Gal)

Product Conveyor

Width: 1200mm (47")
Discharge height: 3.8m (12'6")



TRAKPACTOR 550SR

The NEW high performance Trakpactor 550SR is the flagship impactor of the Powerscreen range. It is designed for processing soft to medium-hard primary and secondary materials such as natural rock and construction derived materials such as asphalt, recycling and demolition waste.

The plant has been designed with ease of maintenance in mind. Hydraulic banks, battery access and control valves are at eye level to make setup and operation much easier. The SR section is fully detachable using quick release hydraulics and electrics. The recirculating conveyor can also slew from recirculation to stockpiling position giving an incredibly impressive 5.43m (17' 10") stockpile height.

Features & Benefits

- NEW Recirculating conveyor slews hydraulically from recirculation to stockpiling mode
- Converts to Trakpactor 550 in minutes thanks to quick-detach SR section. Ideal for regions with transport weight restrictions
- Excellent access features for serviceability eg. hydraulic cabinet at ground level; unrestricted access to both sides of power unit; steel pipes in key locations
- Low level set-up removes requirement for working at height maximising machine uptime
- Enhanced material flow features increases productivity
- Direct drive via Desch gearbox provides machine fuel efficiency
- Start up motor for smooth engagement and increasing clutch life
- Powerscreen Pulse intelligent monitoring as standard

Options

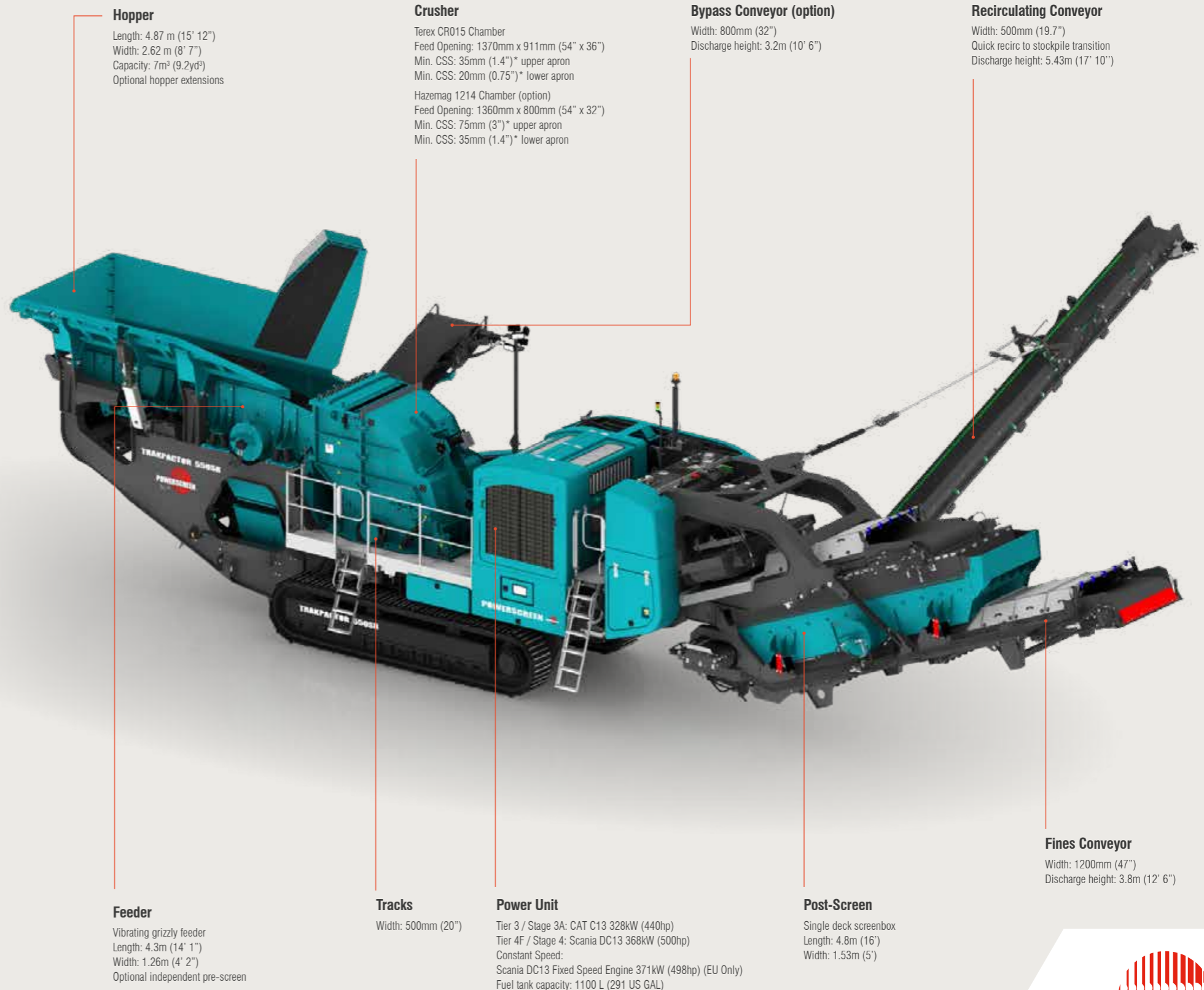
- Full & half size martenitic, austenitic, chrome, ceramic blow bars
- Vibrating grizzly feeder
- 4 Full size blow bars in lieu of 2 full 2 half blow bars
- Blow bar crane
- Wire mesh for grizzly underscreen
- Optical belt scale
- Single pole/twin pole magnet
- Bypass conveyor
- Electric refuelling pump
- Hydraulic driven water pump
- Radio remote control
- 2 Deck live pre-screen
- Single deck post-screen
- Plant lighting
- Fully independent under crusher vibrating pan feeder

Applications

- Blasted rock
- River rock
- C & D waste
- Foundry waste
- Processed ores
- Processed minerals

TRAKPACTOR 550SR

Weight (Est)	66,800kg (147,269lbs) (VGF, Terex chamber, full length product conveyor, bypass conveyor & magnet)
Weight (Est)	72,000kg (158,733bs) (Constant speed engine, independent pre-screen, hopper extensions, Hazemag chamber, underpan feeder, bypass conveyor & magnet)
Transport width	3.45m (11' 4")
Transport length	21.1m (69' 1")
Transport height	3.8m (12' 6")
Working width	6.88m (22' 7") with bypass conveyor
Working length	20.6m (67' 7")
Working height	5.83m (19' 2")



*Depends on application
Engines are available that are certified to US EPA and EU off road diesel emission standards. Talk to your dealer about possible certification options (i.e. Tier 3/Stage 3A, Tier 4/Stage 3B, Tier 4F / Stage 4).

