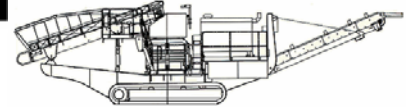




TEREX | PEGSON

1000 MAXTRAK SPECIFICATION



CONE CRUSHER

- Crusher type:** 1000 Automax Crusher fitted as standard with long throw eccentric.
- Liners:** Manganese steel alloy mantle and concave.
- Standard concave:** Medium Coarse.
- Lubrication:** Pumped system having a chassis mounted lube tank with airblast cooler.
- Adjustment:** Hydraulic setting adjustment, automatic overload release and hydraulic unblocking.
- Control:** System 2 hydraulic controls as standard.
- Concave options:** Extra coarse (XC)
Coarse (C)
Autosand (AS)
- Eccentric option:** Short throw.
- Drive:** Wedge belt drive from engine via hydraulically controlled clutch



CRUSHER OPTIONS

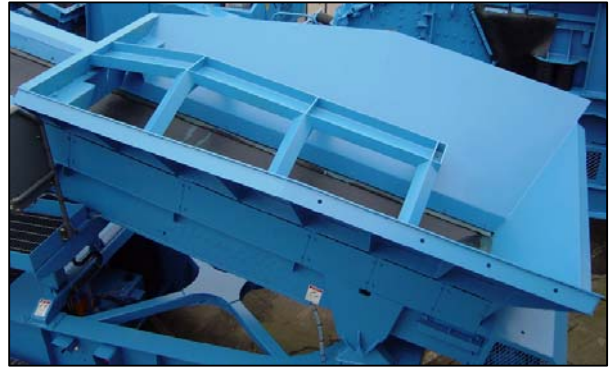
CRUSHER	CONCAVE	MAXIMUM FEED SIZE	MAXIMUM RECOMMENDED CSS
1000 Automax	Medium Coarse	160mm	36mm
1000 Automax	Coarse	175mm	36mm
1000 Automax	Extra Coarse	195mm	36mm
1000 Autosand	Autosand	63mm	32mm

Each of the above available with choice of long & short throw eccentrics

1000 MAXTRAK SPECIFICATION

HOPPER

Hopper type:	Fixed feed hopper.
Hopper length:	3.38m.
Hopper width:	2.5m.
Hopper capacity:	Up to 4.4m ³ gross depending on method of feed.
Hopper body:	10mm thick Hardox steel plate, fitted with crash bars to minimise impact feed on the feed conveyor.



ON PLANT FEED CONVEYOR

Conveyor type:	Shallow troughed belt variable speed conveyor.
Design:	Conveyor is designed to lower for transport and raise hydraulically for operation and crusher maintenance.
Belt type:	EP500/3 with 5mm top and 1.5mm bottom heavy-duty rubber covers, and vulcanised joint.
Belt adjustment:	By use of screw adjustment at the tailshaft.
Belt width:	1m.
Belt centres:	5.4m.
Drive:	Hydraulic motor drive via flange mounted gearbox.
Impact rollers:	Provided immediately below the feed hopper.
Metal detector:	Suitable for detecting steel and manganese, complete with audible warning device and connected to stop the feed conveyor.
Barge boards:	Extend from the feed conveyor to the conveyor head.

Lubrication:	Oil for head drum gearbox. Grease nipples located at head and tailshaft for lubrication of shaft bearings.
Level probe:	Crusher feed ring fitted with level probe designed to maintain choke feed to the crusher.



ON PLANT PRODUCT CONVEYOR

Conveyor Type:	Troughed belt fixed speed conveyor with hydraulic drive
Belt Type:	EP500/3 with 5mm top and 1.5mm bottom heavy-duty rubber covers, and vulcanised joint.
Belt width:	800mm.
Discharge height:	3.23m.
Impact rollers:	Provided immediately below the crusher outlet under the conveyor feed point
Drive:	Direct drive hydraulic motor at head end.

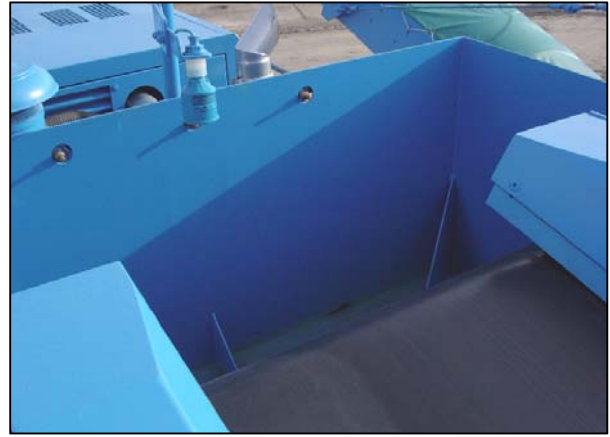
Belt covers:	Canvas type removable dust covers are fitted at the head end beyond the chassis area.
Belt adjustment:	By use of screw adjustment at the head shaft.
Lubrication:	Four grease nipples located at head and tail shaft for lubrication of shaft bearings.
Speed sensor:	Fitted to belt and designed to stop plant feed when discharge conveyor stops.

1000 MAXTRAK SPECIFICATION

CHUTES

Feedbox: Fabricated in 6mm mild steel plates. Hinge down back plate to lower feed conveyor head section into for transportation.

Product conveyor feed boot: Fabricated in 10mm thick Hardox steel with Hardox liners at impact areas.



POWERPACK

Powerpack type: Caterpillar C-9

Performance: 335HP (250kW) at 1800 rpm at sea level.

Engine: Six cylinders, four stroke, direct Injection.

Fuel tank capacity: 522 Litres.



CLUTCH

Clutch type: High efficiency, self-adjusting HFO clutch with electro-hydraulic operation.

DUST SUPPRESSION SPRAYS

Sprays bars with atomiser nozzles are mounted over the crusher mouth and the product conveyor feed and discharge points piped to an inlet manifold for client's pressured water supply.

Type: Clean water multi atomising nozzles.

Inlet: Single Point on chassis.

Pressure required: 2.8 bar (42 psi).

Water supply: 23 litres per minute.

Frost Protection: Via system drain valves.

Pump: **Optional extra.**



TRACK DRIVE

Type: Heavy-duty tracks fitted as standard.

Pitch: 160mm.

Longitudinal centres: 3800 mm.

Track width: 400 mm.

Climbing grade: 30° maximum.

High speed: 1.3 km/hr.

Slow speed: 0.72 km/hr.

Drive: Hydraulic integral motors.

Track tensioning: Hydraulic adjuster, grease tension.



1000 MAXTRAK SPECIFICATION

GUARDS

Wire mesh or sheet metal guards are provided for all drives, flywheels, pulleys & couplings.

The guards provided are designed and manufactured to CE & ANSI standards.



PLATFORMS

Platforms are provided for inspection and maintenance, allowing access to each side of the crusher, the rear of engine and one side of the feed conveyor head section. They are made from open mesh steel flooring with steel toe boards, double row handrails and access ladders.



CHASSIS

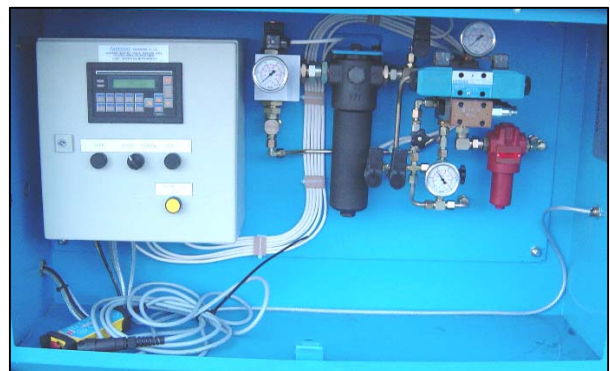
Heavy duty fabricated I section of welded construction.



CRUSHER CONTROLS

The hydraulic system control panel is mounted on the side of the main chassis.

This enables crusher-setting changes to be made and to calibrate and monitor manganese wear.



1000 MAXTRAK SPECIFICATION

PLANT CONTROLS

A Control panel is fitted onto the plant to operate the following items: -

- Crusher (Stop/Start).
- Oil Pump (Start/Stop).
- Discharge conveyor (Start/Stop).
- Feed conveyor (Start/Stop/Speed).
- Crusher level controls.

A control lever is also mounted onto the plant to operate the raising and lowering of the feed conveyor assembly for transport and maintenance.



UMBILICAL CONTROL

An umbilical control unit is also supplied with the plant. This is used to control the tracking function and is also fitted with a stop button for the plant.



OPTIONAL EXTRAS

(For prices refer to your dealer)

- Automax Extra Coarse (XC) concave
- Automax Coarse (C) concave
- Autosand (AS) concave
- Short throw eccentric
- Electric re-fuelling pump kit.
- Single idler belt weigher with integrator and speed sensing wheel fitted to the main product conveyor.
- Radio remote control.

- Additional level sensor over feed hopper necessary for applications where plant may be underfed.

RECOMMENDED OPTIONAL EXTRAS

- Engine fire extinguisher system.
- Hydraulic driven water pump assembly to provide a pressurised water supply to the dust suppression sprays.

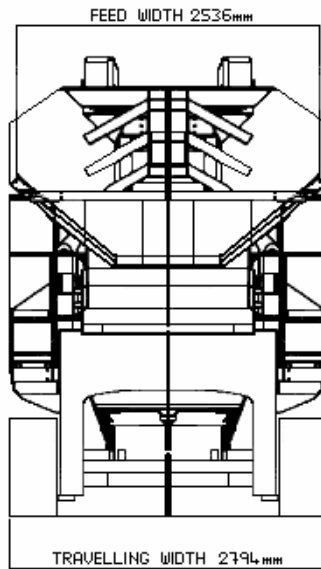
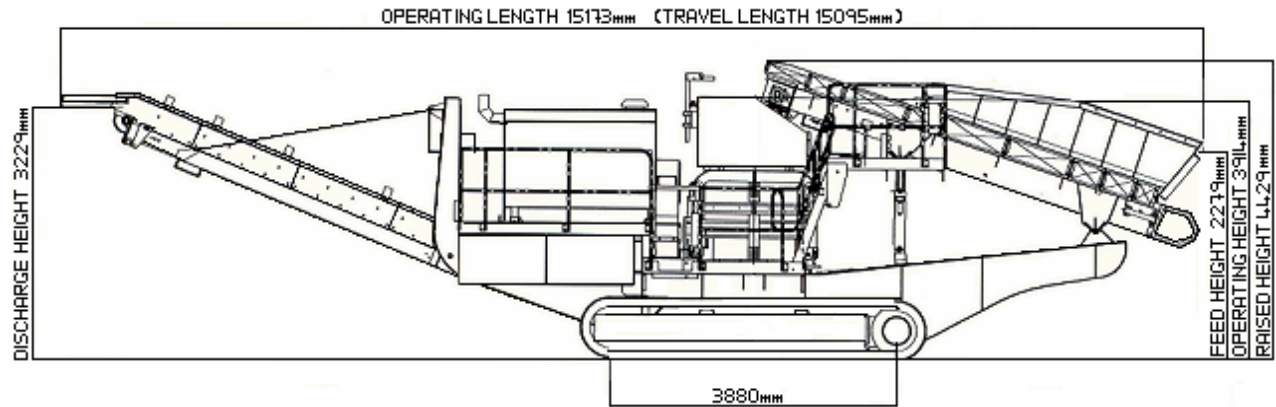
REMOTE CONTROL (OPTIONAL EXTRA)

This option will control the tracking function and also provides stop and start controls for the vibrating grizzly feeder, together with a stop button for the plant. **This facility is only available in certain countries where type approval has been obtained.** For a full list of countries, please consult TP or your dealer.



1000 MAXTRAK SPECIFICATION

PLANT DIAGRAM



APPROXIMATE OVERALL PLANT WEIGHTS & DIMENSIONS

Operating Length: 15173 mm
Operating Height: 3914 mm
Feed Height at rear: 2779 mm

Transport Length: 15095 mm
Transport Width: 2794 mm
Transport Height: 3446 mm

Total plant weight: 31500 Kg

PAINTING

The plant is finish painted RAL 5015 Blue. The tracks and handrails are painted RAL 7012 Grey.

General

TEREX | Pegson equipment complies with CE requirements.

The plant is designed to operate between ambient temperatures of between -10c and 40c at altitudes up to 1000 meters above sea level. For applications outside this range please consult with Terex Pegson Limited.

Please consult TEREX | Pegson if you have any other specific requirements in respect of guarding, noise or vibration levels, dust emissions, or any other factors relevant to health and safety measures or environmental protection needs. On receipt of specific requests, we will endeavour to ascertain the need for additional equipment and, if appropriate, quote extra to contract prices. Every endeavour will be made to supply equipment as specified, but we reserve the right, where necessary, to amend the specifications without prior notice as we operate a policy of continual product development. It is the importers responsibility to check that all equipment supplied complies with local legislation.