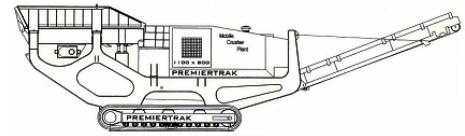




# TEREX | PEGSON

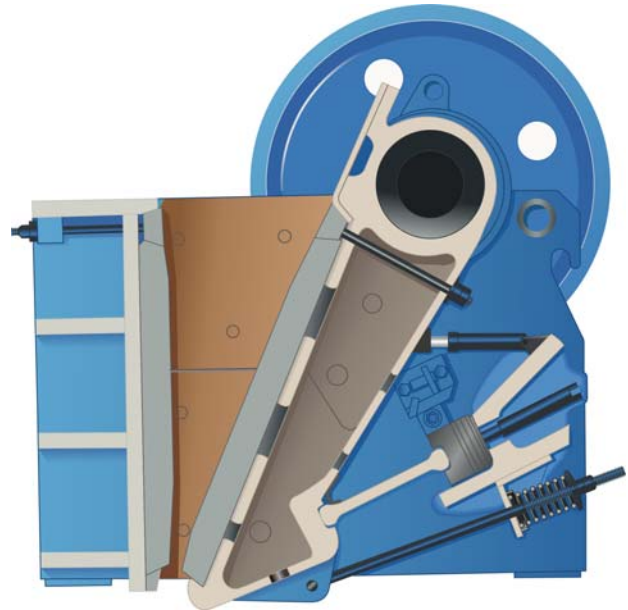
## 1100 x 800 PREMIERTRAK SPECIFICATION



Above image features an 1100 x 800 Premiertrak fitted with the optional side conveyor.

### JAW CRUSHER

- Crusher type:** 'M' Series Super Heavy Duty Single Toggle Jaw.
- Feed opening:** 1100 x 800 mm.
- Bearings:** Self aligning spherical roller
- Lubrication:** Eccentric shaft roller bearings lubricated by grease.
- Drive:** Through wedge belts with screw tension adjustment on engine.
- Factory pre-set:** 100 mm CSS.
- Minimum setting:** 90 mm CSS on natural rock. Not exceeding a 10% natural fines value of 500kN. Setting measured from root to tip of opposite jaw. For applications outside this, please consult TP.
- Maximum setting:** 150 CSS (subject to feed grading).
- Adjustment:** Manual adjustment system with hand operated hydraulic pump.



### HOPPER

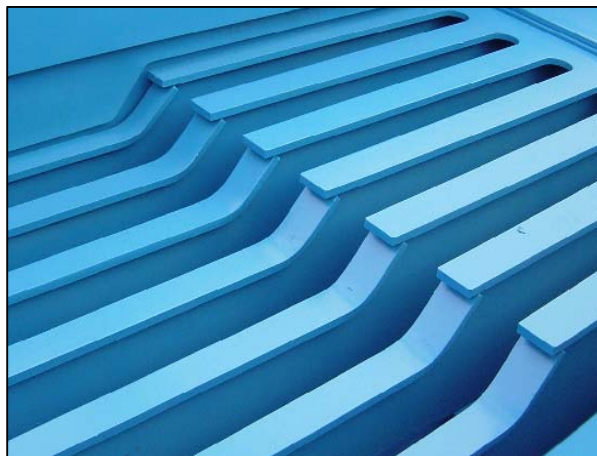
- Hopper type:** Hydraulic folding feed hopper.
- Hopper length:** 4.57m.
- Hopper width:** 2.4m
- Hopper capacity:** Up to 9.1m<sup>3</sup> gross depending on method of feed.
- Hopper body:** 15mm thick Hardox wear resistant steel plate with heavy duty reinforcing gussets.



# 1100 x 800 PREMIERTRAK SPECIFICATION

## VIBRATING GRIZZLY FEEDER

<b>Type:</b>	Spring mounted vibrating pan
<b>Vibrating unit:</b>	Twin heavy-duty cast eccentric shafts running in spherical roller bearings, gear coupled at drive end.
<b>Length:</b>	4.26m.
<b>Width:</b>	1.06m.
<b>Drive:</b>	Flange mounted hydraulic motor
<b>Grizzly:</b>	1.65 metres long stepped cartridge type grizzly with nominal 60mm aperture tapered from front to back.
<b>Control:</b>	Variable speed control through a proportional flow control valve.



## PLANT CHUTEWORK

<b>Crusher feed chute:</b>	Fabricated in 12mm mild steel plate sides with 20mm thick bottom plate.
<b>Grizzly fines chute:</b>	A two-way dirt chute is provided to discharge to the on plant product conveyor or the dirt conveyor fabricated in 6mm mild steel plate complete with hand operated flap door.



## ON PLANT PRODUCT CONVEYOR

<b>Conveyor type:</b>	Troughed belt conveyor with hydraulic raise/lower of the tail section.	<b>Belt adjustment:</b>	Screw adjustment at the head drum.
<b>Belt type:</b>	EP630/4 with 6mm top and 2mm bottom heavy-duty rubber covers to BS490 and DIN 22102.	<b>Belt covers:</b>	Canvas type removable dust covers are fitted at the upper end beyond the chassis area.
<b>Belt width:</b>	1m.	<b>Belt scraper:</b>	Polyurethane blades are fitted as standard.
<b>Discharge height:</b>	3.6m.	<b>Lubrication:</b>	Grease nipples located as follows: -
<b>Drive:</b>	Direct drive hydraulic motor	<i>Head shaft:</i>	Two nipples on the left hand side of the product conveyor.
<b>Feedboot:</b>	Fabricated in mild steel plate with abrasion resistant steel liners at feed point.	<i>Tail shaft:</i>	One nipple each side of the main plant chassis.
<b>Skirting:</b>	Fully skirted wear resistant rubber sealing along the entire conveyor length.	<b>Impact bars:</b>	Provided immediately below the crusher outlet under the conveyor feed point.

# 1100 x 800 PREMIERTRAK SPECIFICATION

## POWERPACK

**Powerpack type:** Caterpillar C-9  
**Performance:** 350 HP (262kW) at 1800 rpm at sea level.  
**Engine:** Six cylinders, four stroke, direct Injection.  
**Fuel tank capacity:** 454 Litres.

## CLUTCH

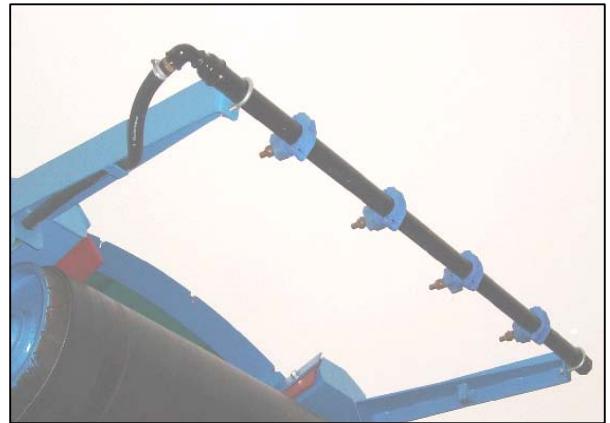
**Clutch type:** High efficiency, self-adjusting HFO clutch with Electro-hydraulic operation.



## 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.  
**Pressure required:** 2.8 bar (42 psi).  
**Water supply:** 7 litres per minute.  
**Frost protection:** Via system drain valves.  
**Pump:** **Optional extra.**



## CRAWLER TRACKS

**Type:** Heavy-duty tracks fitted as standard.  
**Pitch:** 190mm.  
**Longitudinal centres:** 4.22m.  
**Track width:** 500 mm.  
**Climbing grade:** 30° maximum.  
**High speed:** 0.7 km/hr.  
**Slow speed:** 0.322 km/hr.  
**Drive:** Hydraulic integral motors.  
**Track tensioning:** Hydraulic adjuster, grease tension.



## 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.



# 1100 x 800 PREMIERTRAK SPECIFICATION

## PLATFORMS

Steel grid maintenance platforms are provided on each side of the crusher and fitted with double row handrails, one of which is connected to the crusher/engine access platform by means of a foldable walkway.



## TOOLBOX

A plant mounted lockable toolbox is provided containing spare crusher shims, operators manual, hopper wedges, jawstock support wedge and a grease gun.



## PLANT CONTROLS

Controls are fitted onto the plant to operate the following items: -

- Feeder (Start/Stop/Speed).
- Optional dirt conveyor (Start/Stop).
- Product conveyor (Start/Stop).
- Crusher (Start/Stop).



## CHASSIS

Heavy duty fabricated I section of welded construction.



# 1100 x 800 PREMIERTRAK SPECIFICATION

## UMBILICAL CONTROL

An umbilical control unit is also supplied with the plant. This is fitted with controls for the track motion, feeder stop, start and a stop button for the plant.



## OPTIONAL EXTRAS

(For prices refer to your dealer)

- 800mm wide side discharge dirt conveyor, removable for transport, and one way dirt chute
- 600mm wide hydraulic folding dirt conveyor
- One way dirt chute.
- Feed hopper liner plates in Hardox steel.
- Overband magnetic separator with permanent magnet suspended over the main on plant product conveyor and complete with hydraulic drive. Note this plant is not recommended for recycling applications.
- Single idler belt weigher with integrator and speed sensing wheel fitted to the main product conveyor.
- 75mm Grizzly bar spacing (Not to be used with the standard dirt conveyor).

- 90mm Grizzly bar spacing ( Not to used with the standard dirt conveyor).
- Radio remote control.

## **RECOMMENDED OPTIONAL EXTRAS**

- Plant mounted hydraulic pick breaker.
- Hydraulic driven water pump assembly to provide a pressurised water supply to the dust suppression sprays.
- Camera mounted over crusher mouth with remote screen facility in operators cabin.
- Engine fire extinguisher system.

## ON PLANT DIRT/SIDE CONVEYOR **(OPTIONAL EXTRA)**

<b>Conveyor type:</b>	Troughed belt, hydraulic folding for transport.
<b>Width:</b>	600mm.
<b>Discharge height:</b>	2.1m.
<b>Drive:</b>	Direct drive hydraulic motor.
<b>Lubrication:</b>	Grease nipples located as follows: -
<i>Head shaft:</i>	One nipple is located on each bearing housing.
<i>Tail shaft:</i>	Two remote nipples on each side of the main chassis below the feeder.
<b>Skirts:</b>	Full length.
<b>Position:</b>	Mounted and discharge on near side of plant.
<b>Control:</b>	Fixed speed.
<b>Excessive fines:</b>	Should there be a high percentage of dirt to be removed, we recommend the optional one way dirt chute and 800mm wide fixed dirt conveyor.



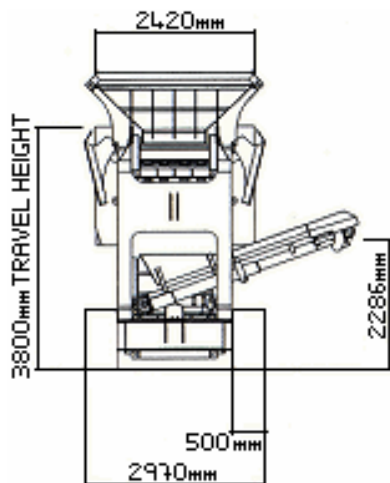
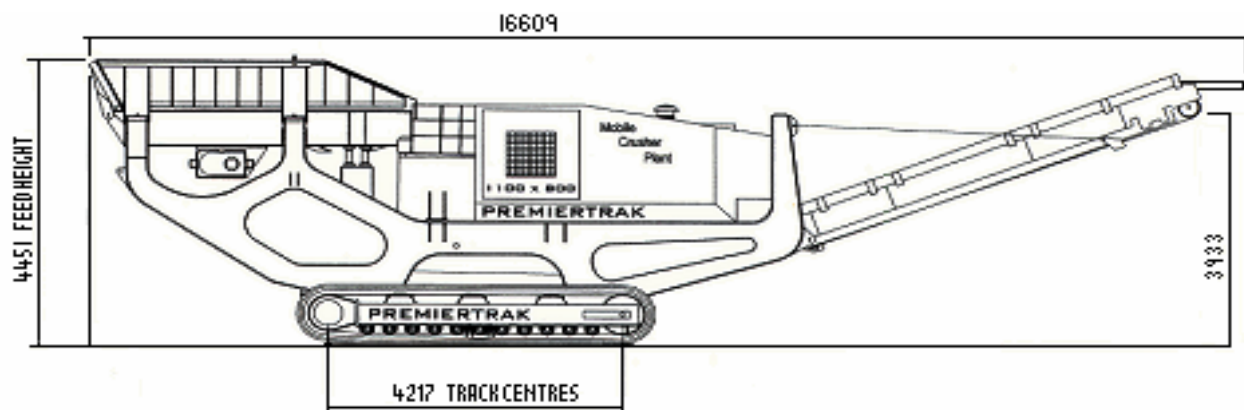
# 1100 x 800 PREMIERTRAK SPECIFICATION

## 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.



## PLANT DIAGRAM



## APPROXIMATE OVERALL PLANT WEIGHTS & DIMENSIONS

Operating Length:	16609 mm
Operating Height:	4451 mm
Transport Length:	16609 mm
Transport Width:	2970 mm
Transport Height:	3800 mm
Total plant weight:	56650 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.

Above line drawings feature a 1100 x 800 Premiertrak with optional side conveyor.

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.