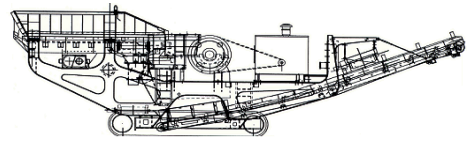


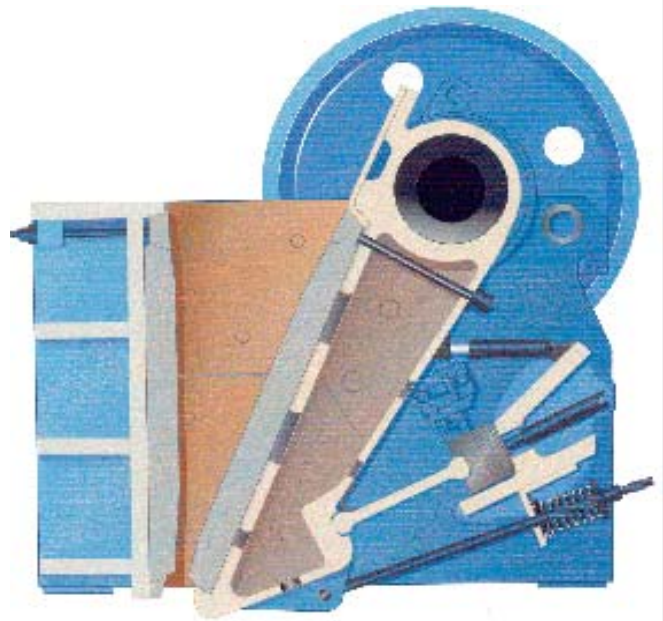
# TEREX PEGSON

## 44 x 26 PREMIERTRAK SPECIFICATION



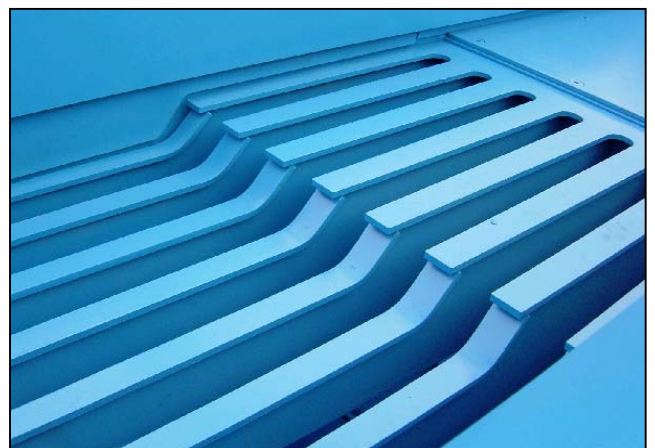
### JAW CRUSHER

<b>Crusher type:</b>	'M' Series Single Toggle Jaw.
<b>Feed opening:</b>	44" x 26"
<b>Bearings:</b>	Self aligning spherical rollers.
<b>Lubrication:</b>	Eccentric shaft roller bearings lubricated by grease.
<b>Drive:</b>	Through wedge belts with screw tension adjustment on engine.
<b>Pre-set:</b>	3" CSS.
<b>Minimum setting:</b>	2" closed side on concrete. 2½" CSS on natural rock not exceeding a 10% fines value of 390kN. For applications outside this range, please consult BLP. Setting measured from root to tip of opposite tooth.
<b>Maximum setting:</b>	6".
<b>Adjustment:</b>	Manual adjustment system with hand operated hydraulic pump.



### 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>	14'0".
<b>Width:</b>	42".
<b>Drive:</b>	Flange mounted hydraulic motor
<b>Grizzly:</b>	65" long stepped cartridge type grizzly with nominal 2-3/8" aperture tapered from front to back.
<b>Control:</b>	Variable speed control through a proportional flow control valve.



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## HOPPER

<b>Hopper type:</b>	Hydraulic folding feed hopper.
<b>Hopper length:</b>	10'9".
<b>Hopper width:</b>	7'11".
<b>Hopper capacity:</b>	Up to 11.1yd <sup>3</sup> gross depending on method of feed.
<b>Hopper body:</b>	5/8" thick Hardox wear resistant steel plate with suitably braced steel sections.



## ON PLANT PRODUCT CONVEYOR

<b>Conveyor type:</b>	Troughed belt conveyor with hydraulic raise /lower of the tail section.	<b>Belt adjustment:</b>	Belt tensioning is by use of screw adjustment at the head drum.
<b>Belt type:</b>	EP500/3 with 3/16" top and 1/16" bottom heavy-duty rubber covers to BS490 and DIN 22102.	<b>Belt covers:</b>	Canvas type removable dust covers are fitted at the head end beyond the magnet area.
<b>Belt width:</b>	39".	<b>Belt scraper:</b>	Polyurethane blades are fitted as standard.
<b>Discharge height:</b>	10'6"	<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 conveyor beneath the magnetic separator.
<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>Impact cradle:</b>	This is provided immediately below the crusher outlet under the conveyor feed point, using heavy-duty impact bars.	<b>Skirting:</b>	Fully skirted wear resistant rubber sealing along the entire conveyor length.

## ON PLANT DIRT/SIDE CONVEYOR

<b>Conveyor type:</b>	Troughed belt, hydraulic folding for transport.
<b>Width:</b>	24"
<b>Discharge height:</b>	7'0"
<b>Drive:</b>	Direct drive hydraulic motor.
<b>Lubrication:</b>	Grease nipples located as follows: -
<i>Head shaft:</i>	One on each bearing housing.
<i>Tail shaft:</i>	Two on each side of the main chassis below the feeder.
<b>Skirts:</b>	Full length.
<b>Position:</b>	Mounted to discharge on near side of plant.



## MAGNET

<b>Magnet type:</b>	Suspended self-cleaning overband.
<b>Magnet width:</b>	24".
<b>Magnet length:</b>	40".
<b>Drive:</b>	Hydraulic Motor.
<b>Control:</b>	Pre-set variable speed.
<b>Discharge chute:</b>	Via stainless steel shedder plate.
<b>Power:</b>	570 Gauss at 8". 450 Gauss at 10".





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## PLANT CHUTEWORK

- Crusher feed chute:** Fabricated in ½" mild steel plate sides with 1" thick bottom plate.
- Grizzly fines chute:** A two-way dirt chute is provided to discharge to the on plant product conveyor or the dirt conveyor fabricated in ¼" mild steel plate, complete with hand operated flap door to the direct grizzly fines to either the side dirt conveyor or the main product conveyor.



## 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:** 1.85 gallons per minute.
- Frost protection:** Via system drain valves.
- Pump:** Optional extra.



## POWERPACK

- Powerpack type:** Caterpillar C-9
- Performance:** 230 HP (172kW) at 1600 rpm at sea level.
- Engine:** Six cylinders, four stroke, direct Injection.

## CLUTCH

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



## CHASSIS

Heavy duty fabricated I section of welded construction.



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## CRAWLER TRACKS

<b>Type:</b>	Heavy-duty tracks fitted as standard.
<b>Pitch:</b>	7-1/2".
<b>Longitudinal centres:</b>	12'9".
<b>Track width:</b>	1'8"
<b>Climbing grade:</b>	25° maximum.
<b>High speed:</b>	0.6 mph.
<b>Slow speed:</b>	0.2 mph.
<b>Drive:</b>	Hydraulic integral motors.
<b>Control:</b>	Remote handset - Dual Speed
<b>Track tensioning:</b>	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 ensure as far as reasonably practicable that the machinery and plant on which they are fitted can be operated safely and without risk to health when properly used. However, the company cannot guarantee that they will meet requirements of any individual inspectors or local laws. This is the importers responsibility.



## PLATFORMS

Maintenance platforms are provided on each side of the crusher with double row handrails and access ladders. Platforms are also included to gain access between the crusher and the powerpack.



## TOOLBOX

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



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## PLANT CONTROLS

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

- Feeder (Start/Stop/Speed).
- Dirt Conveyor (Start/Stop).
- Product Conveyor (Start/Stop).
- Crusher (Start/Stop).



## REMOTE CONTROL

A remote radio control is provided for the tracking function, this 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 with BLP or your dealer.



## UMBILICAL CONTROL

An umbilical control unit is also supplied with the plant. This has the same features at the remote control.



## OPTIONAL EXTRAS

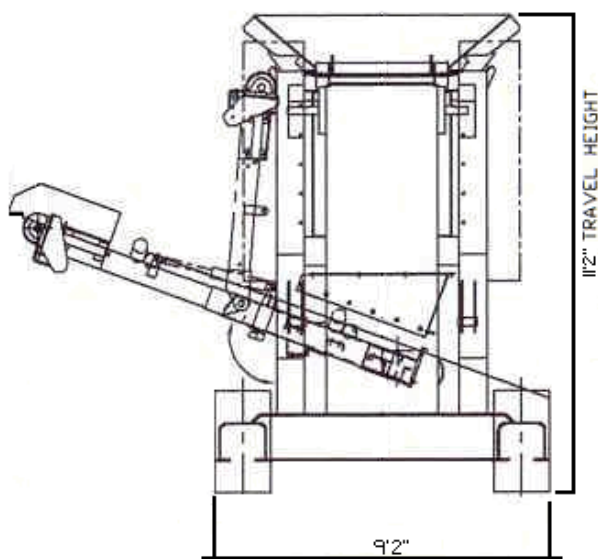
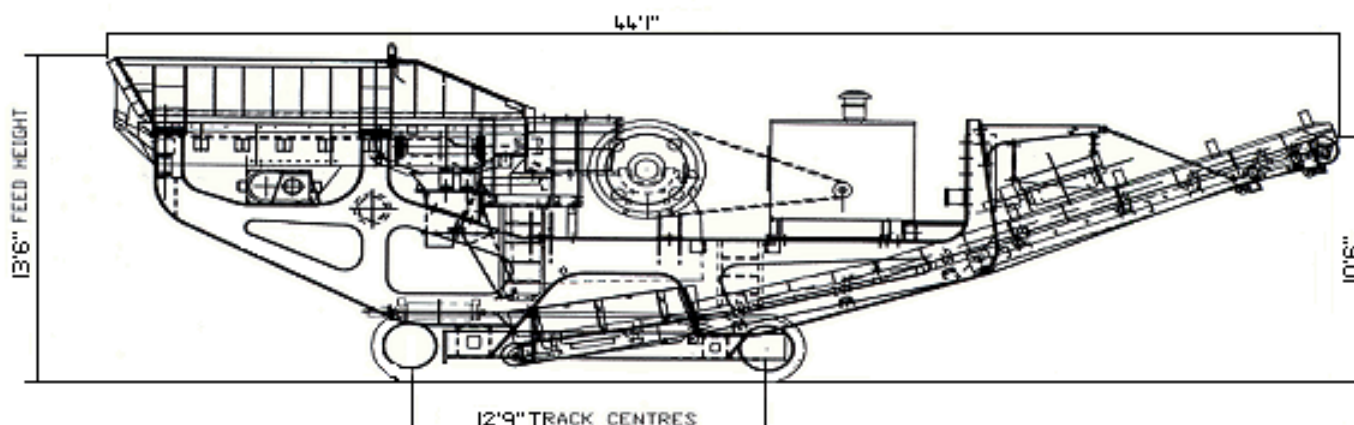
(For prices refer to BL-Pegson Limited)

- Feed hopper liner plates in mild steel.
- Single idler belt weigher with integrator and speed sensing wheel fitted to the main product conveyor.
- Hydraulic driven water pump assembly to provide a pressurised water supply to the dust suppression sprays.
- Heavy duty product belt (4 ply).
- Anti-vandal guards.
- Manual disc clutch in lieu of HFO (may be on long lead time).
- Manual folding feed hopper.



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## PLANT DIAGRAM



## APPROXIMATE OVERALL PLANT WEIGHTS & DIMENSIONS

Operating Length:	44'1"
Operating Height:	13'6"
Transport Length:	44'1"
Transport Width:	9'2"
Transport Height:	11'2"
Total plant weight:	51.5 Tons

## PAINTING

The plant is finish painted RAL 5015 Blue. All Handrails are galvanised.

## General

We cannot guarantee that the equipment quoted will meet any specific requirement in respect of noise or vibration levels, dust emissions, or any other factors relevant to health and safety measures or environmental protection needs. However, 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 specifications without prior notice as we operate a policy of continual product development. It is the importers responsibility to ensure that the equipment complies with local legislation.

44 x 26 Premiertrak specification PT1165/103.