

Terex Pegson XR400



Track mounted fully mobile primary jaw crushing plant

The XR400 incorporates the remarkable performance of the TEREX Pegson 1100x650 Premiertrak hydraulic adjust jaw crusher. This will give exceptional levels of throughput, reduction and reliability.

Features:

- Terex Pegson "M" series single toggle jaw.
- High throughput capacities up to 400 tph.
- Aggressive crushing action with high swing jaw.
- Hydraulic crusher overload system ideal for applications with uncrushable material in feed up to 200mm cube in feed.
- Hydraulic unblocking facility.
- Very low fuel consumption, typically only 22 litres/hour depending on application, due to highly efficient hydraulic fluid

The XR400 is recommended for applications where there is a risk of steel or other uncrushable material in the feed up to 200 mm cube. The crusher will self protect and open in the event of this creating a crusher overload.

Options:

- Extended one piece hydraulic folding hopper.
- Fixed 15 mm thick Hardox feed hopper liners can be supplied fitted to the internal rear and side of the feed hopper (available on the standard feed hopper only).
- Wire mesh for underscreen.
- Multi tooth jaw plates in lieu of super tooth profile.
- Premium jaw plates in lieu of super tooth profile.
- Deflector plate under crusher.
- Hydraulically folding 600 mm wide side/dirt stockpile conveyor with a

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- operated direct drive system.
- Low running cost due to direct crusher drive and efficient plant control.
- Quick set up time.
- Maximum mobility with heavy duty, low ground pressure crawler track.
- 1100×650 mm feed opening.
- Hydraulic CSS adjustment from 50 to 125 mm.
- Hydraulic folding feed hopper with wedge fixing system.
- Feed hopper capacity 10.0 m³.
- 4080×1060 mm vibrating feeder.
- 2-deck preliminary screenbox. Top deck - 2120×1060 mm Grizzly, bottom deck - rubble blanking mat or various aperture wire mesh (available as optional extra).
- A two-way dirt chute is provided to discharge to the product conveyor or the optional dirt conveyor when fitted.
- Caterpillar C9 Tier III Acert diesel engine developing 172kW (230 hp) @ 1800 rpm.
- 1000 mm wide plain troughed product conveyor with a discharge height of 3905 mm.
- Product conveyor can be hydraulically raised and lowered for transport and maintenance purposes.
- Excellent under crusher access for removal of wire with hydraulic tilting conveyor system
- A hard wired umbilical control unit for the track motion, feeder stop/start and a stop button for the plant.
- Dust suppression sprays fitted as standard.
- Operator walkways and access ladder.
- discharge height of 2300 mm.
- Overband magnetic separator with permanent magnet suspended over the main on plant product conveyor and complete with hydraulic drive.
- Single idler belt weigher with integrator and speed sensing wheel fitted to the main product conveyor.
- Hydraulic driven water pump assembly to provide a pressurized water supply to the dust suppression system.
- Plant mounted hydraulic pick breaker fitted to the side of the chassis.
- Electric re-fuelling pump kit.
- Radio remote control.
- Engine fire extinguisher system.
- Plant lighting mast.

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Dimensions & Weight:

Operational width, mm	2800
Operational width with dirt conveyor, mm	4290
Operational length, mm	14960
Operational height, mm	4135
Transport width, mm	2790
Transport length, mm	15365
Transport height, mm	3150
Total weight of the basic plant, kg	43000
Total weight with dirt conveyor & magnet, kg	45000

All given data is for information only and is subject to change without notice.

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