

Chassis

The chassis is constructed of heavy duty box and welded steel plates, ribbed and stiffened to withstand all operational and travelling stresses. The unit is mounted on 3.75m (12' 4") x 400mm (16") shoes centre heavy duty tracks and is controlled using a "dog lead". There are two hydraulic jacking legs located under the engine area to give extra site stability.

Feeder

The 4.25m x 1.0m (14' 0" x 40") spring mounted heavy duty vibrating feeder is fitted with 20mm Hardox plate. The feeder is designed to control the feed of material into the jaw crusher therefore the controls are variable speed and are located at the control platform allowing full control whatever the application. The 1.66m (5' 6") scalping section is fitted with a grizzly bar cassette which can be manufactured to suit the customer requirements. There is the option of feeding the material onto the main product conveyor or onto the side dirt conveyor. The feeder is fitted with a heavy duty hopper which is hydraulically foldable for ease of set-up.

Jaw Crusher

The jaw crusher has a feed opening of 1050mm x 800mm (42" x 32") and an actual jaw length of 1.80m (71"). The long jaws combined with a specific nip angle makes the crusher unit ideal for hard rock applications. The jaw opening can be hydraulically set using hydraulic levers, also built into this hydraulic wedge adjustment is a release system if uncrushable objects enter the crusher. An automatic sensor is fitted to the toggle tension springs to maintain the correct tension at all times.

Product Conveyor

The product conveyor is fitted with a 1200mm (48") heavy duty 4 ply belt and runs on heavy duty troughing sets. The conveyor is driven hydraulically through a lagged top end drum and built in torque hub for maximum efficiency. The conveyor is hydraulic folding for transport.

Dirt Conveyor

The dirt conveyor is fitted with a 650mm (26") heavy duty 3 ply belt and runs on heavy duty troughing sets. The conveyor is driven hydraulically through a flexible coupling and lagged top end drum and is hydraulic folding for transport.

Power Unit

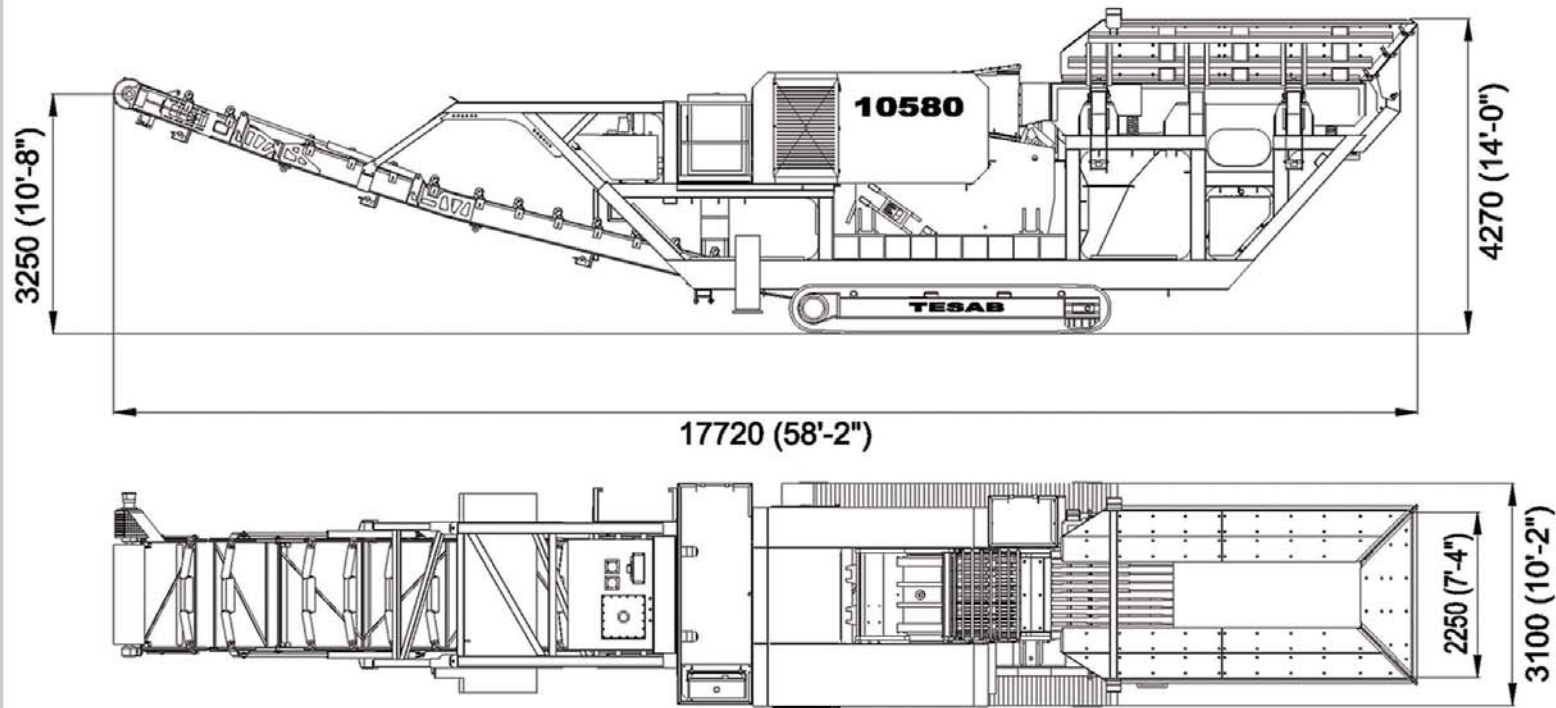
The diesel engine is a Caterpillar C9 Tier III power pack and the crusher unit is driven through a heavy duty Transfluid 19 KPTO. The diesel tank has a capacity of 750 litres (165 gallons - 198 US gallons). The conveyors, feeders, tracks and auxiliaries are all driven through hydraulic pumps fitted to the engine's auxiliary drives.

Catwalks and Guards

All relevant catwalks, handrails and guards are fitted to this machine allowing access to all relevant maintenance points. Emergency stops are fitted to all necessary points. The machine complies with all essential health and safety requirements.

Options

- Manual Clutch
- Caterpillar Tier III C13 Powerpack with 21 KPTO
- Autolube
- Belt Scales
- Magnet
- Remote Control Tracking
- Dust Suppression Spray Bars
- other options available on request

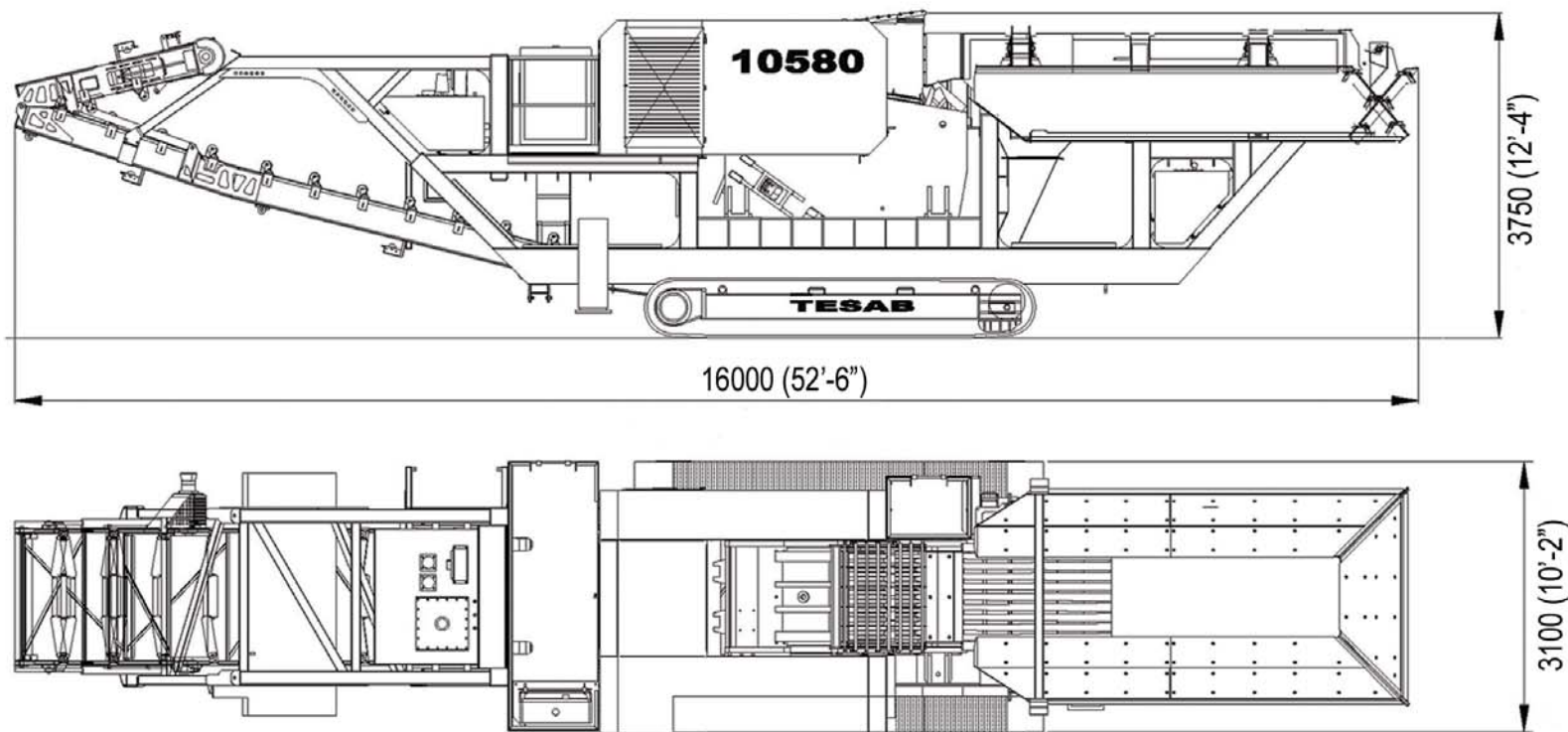


Working Details

LENGTH:	17720mm (58' 2")
HEIGHT:	4270mm (14' 0")
WIDTH:	3100mm (10' 2")
WEIGHT:	53,000kg (116,850 lbs)

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Transport Details

LENGTH:	16000mm (52' 6")
HEIGHT:	3750mm (12' 4")
WIDTH:	3100mm (10' 2")
WEIGHT:	53,000kg (116,850 lbs)

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