



BP1200-48TB

Four Bin Electric
Mobile Blending Plant



SEARCH

IMS TRACK BLENDING PLANT





The BP1200-48TB electric four-hopper (each holds 12m³ of material) tracked blender. The BP1200-48TB is powered by a Cat C7 generator that can be connected to mains power and can drive a 24m radial stacker for extra stockpile capacity. The Nord electric gear drive motors allow for a wide range of accurate speeds to suit low-percentage blends.



Feed Hoppers

Four 12cbm hoppers located adjacent to each other to accept material from loading shovels. Hoppers fitted with 900mm wide belt. All Feeder Belts equipped with variable speed control to allow operator to define material ratio from each bin. Electric Nord Gear Drive Motors.

Undercarriage

The undercarriage consists of a robust modular type chassis fitted with 4500mm long crawler tracks. 4 No. Hydraulically operated support legs are provided to the 4 corners of the chassis to ensure stability when operational

Discharge Conveyor

1200mm wide x 9.2m long Discharge Conveyor capable of handling up to 1000tph of blended material. Conveyor fitted with heavy duty belt and driven with 2no Electric motors

Power Unit

Unit powered by a Caterpillar C7.1 Genset with hydraulic power pack for hydraulic functions. Power unit is adequately enclosed in suitable canopy with oil cooler and airflow to control the temperature inside the enclosure. Diesel and hydraulic tanks located adjacent to the Power Unit.

Controls

All the controls are centrally located and are easy accessible for the operator. The controls include the AC to control the generator and all belts, the AC panel can be wired to mains electrical also, there are manual controls for the hydraulic cylinders, and flow control operation.

Emergency Stop System

Every BP1200-9TB track Conveyor is equipped from the factory with an emergency stop system that will render the plant inoperable when activated, providing added safety for the operator



Standard Features

4no 12m³ Feed Hoppers

Variable Speed Belt Feeders

Crawler Track Movement

Cat C7.1 Generator

Remote Stop Start

1200mm (48") wide Discharge Conveyor

Telescopic Folding of Conveyor for Transport

Hydraulic Support Legs for Operational Stability

Ultrasonic Run Empty Sensor, Flashing Beacon System

Pull Cord Emergency Stops

Options

Hydraulic Tipping Vibrating Grid Grid

Dust Covers over Discharge Conveyor

Belt Scales Options

Hardox Wareplates in Hoppers

Centralised Mixing Chamber

