



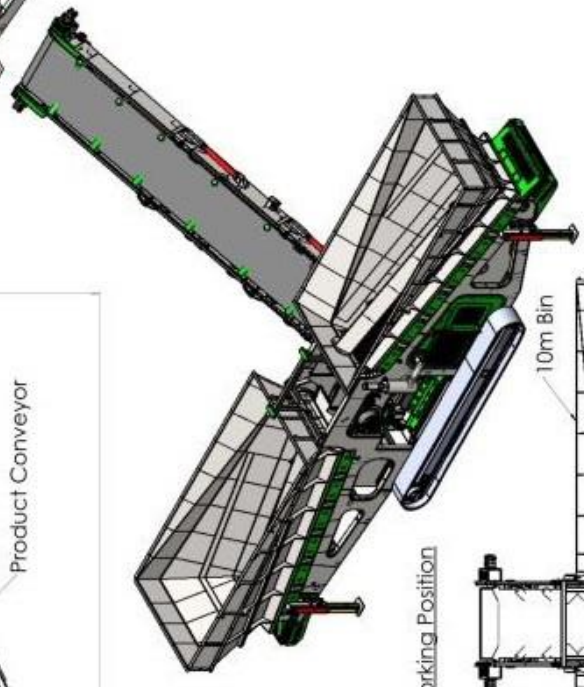
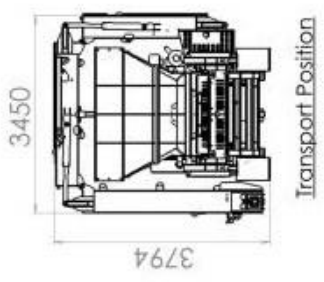
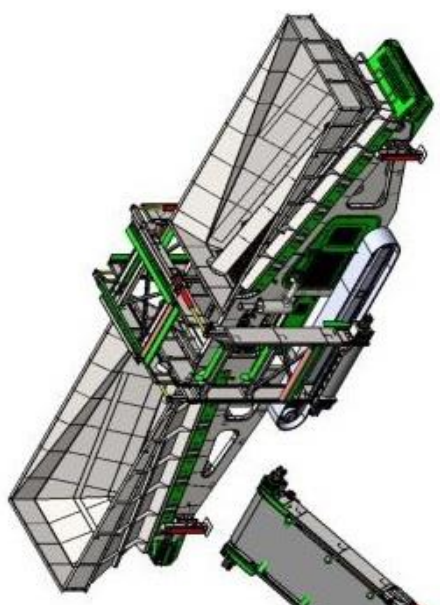
BP1200-9TB

Mobile Blending Plant

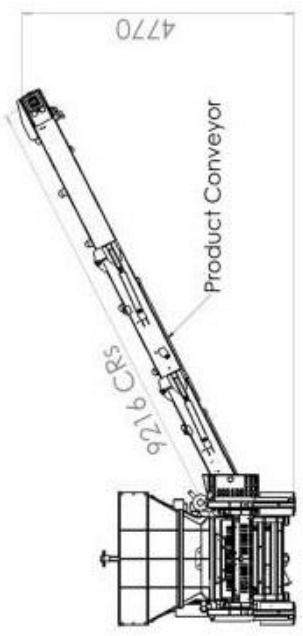
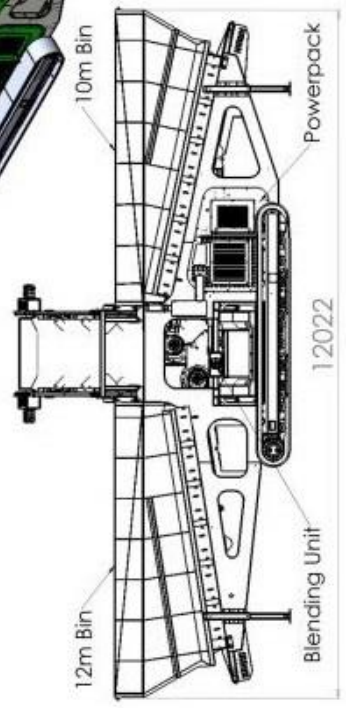


The BP1200-9TB Mobile Blender has been developed by IMS to meet the many applications where blending of material is essential. It can be used in applications where high volumes are required and is capable of producing up to 1000tph of blended material. Where more refined mixing is required, the unit is equipped with a mixing chamber with rotating mixer shaft to thoroughly blend mulch, topsoil, sand, etc. for use in lawn development, golf courses, and similar applications

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Working Position





Feed Hoppers

12cbm and 10cbm capacity feed hoppers located adjacent to each other to accept material from loading shovels. Hoppers fitted with 1000mm wide belt feeders placed strategically to allow discharge from 10cbm hopper to feed directly on top of discharge from 12cbm hopper. Both Feeder Belts equipped with variable speed control to allow operator to define material ratio from each bin.

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 chevron belt and driven with 2 OMV630 hydraulic motors

Power Unit

Unit powered by a Caterpillar C4.4 Tier 3 Flex Diesel Engine with multiple hydraulic pumps to provide oil flow for the various 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

Mixer/Shredder Unit

A hydraulic operated single shaft Mixer/Shredder unit is located centrally to accept the discharge from both feeders. This Mixer/Shredder is used when more refined mixing is required but can be moved out of line by hydraulic cylinder when large volume output is required

Controls

All the controls are centrally located and are easy accessible for the operator. The controls include the Engine Starter Panel, the solenoid engagement switches, the 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

- ▶ 12m³ and 10m³ Feed Hoppers
- ▶ Variable Speed Belt Feeders
- ▶ Crawler Track Movement
- ▶ 75kw Diesel Hydraulic Power Unit
- ▶ 1200mm (48") wide Discharge Conveyor
- ▶ Hydraulic Folding of Conveyor for Transport
- ▶ Hydraulic Support Legs for Operational Stability
- ▶ Pull Cord Emergency Stops

OPTIONS

- ▶ Hydraulic Tipping Grid on one bin
- ▶ Dust Covers over Discharge Conveyor
- ▶ Belt Scales on Feeders



SPECIFICATIONS

- ▶ Operational length 12.02M
- ▶ Operational height 4.77M
- ▶ Loading height 3.1M
- ▶ Hydraulic tank capacity 650 l
- ▶ Diesel fuel capacity 450l
- ▶ Engine make/model Caterpillar C4.4 Diesel Engine
- ▶ Transport width 3.45 M
- ▶ Transport height 3.8 M
- ▶ Transport length 12.02M
- ▶ Total weight 19400 kgs

Due to Irish Manufacturing Services Limited's policy of continuing product improvements, specifications are subject to change without notice or obligation. No representation is made that the products depicted herein comply with any laws, codes, rules, regulations or standards. Compliance is the responsibility of the user. Additional safety equipment may be required by the particular location and application of product.

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