

# IMS BP1200-9TB Specification Sheet

## Overview

- The BP1200-9TB is a **mobile blending / blending-plant** built by IMS (Irish Manufacturing Services) — designed for blending mulch, topsoil, sand, etc., for applications like landscaping, lawn development, golf courses, and similar projects.
- It can produce up to **1000 tons per hour (TPH)** of blended material.
- When using the mixer for more refined blending, throughput may reduce (some sources note ~400 TPH with mixing engaged) depending on material and configuration.

## Key Technical Specifications

Spec / Feature	Value / Details
Feed Hoppers	Two bins: <b>12 m<sup>3</sup></b> and <b>10 m<sup>3</sup></b> capacity
Feeders	Variable-speed belt feeders feeding main hopper/chamber
Power Unit	Diesel-hydraulic: 75 kW diesel engine — typically a Caterpillar C4.4 engine
Discharge Conveyor	1200 mm (48") wide main discharge belt conveyor
Mobility	Crawler (tracked) undercarriage for movement on site
Transport Dimensions	Width ~ 3.45 m; Height ~ 3.8 m; Length ~ 12.02 m (per one spec sheet)



Operating Dimensions (stockpile mode)	Operational height ~ 4.77 m; loading height ~ 3.1 m
Hydraulic Tank Capacity	650 L (hydraulic system)
Diesel Fuel Capacity	450 L
Total Weight	≈ 19,400 kg (as per one data sheet)
Additional Options/Features	<ul style="list-style-type: none"> <li>– Hydraulic tipping grid on one bin</li> <li>– Dust covers over discharge conveyor</li> <li>– Belt scales on feeders</li> <li>– Hydraulic support legs for stability</li> <li>– Emergency stop pull cords</li> <li>– Option for side or radial stacker using extra hydraulic circuit</li> <li>– Mixing/shredding chamber with rotating mixer shaft when mixing required</li> </ul>

## Typical Configuration & What It Does Well

- The BP1200-9TB uses dual feed hoppers to allow two material inputs, which then feed into a main blending chamber — great for combining materials like mulch + soil, or multiple soil types.
- The variable-speed feeders — combined with the mixing chamber — let you control blending intensity. If you want coarse mixing (e.g. simple blending of sands/top-soils), you can run at full throughput (~1000 TPH). If you need finer, homogeneous mixing (e.g. for landscaping/top-dress mixes), you engage the rotating mixer — albeit at a slower output rate.
- The tracked undercarriage + hydraulic folding conveyors + transport-friendly dimensions make it suitable for mobile deployment — beneficial for projects that move between sites (e.g. golf courses, landscaping companies, Nursery operations, construction sites).

