

IMS BT1200-48TB Specification Sheet

Overview

The **IMS BT1200-48TB Blending Plant** is engineered for high-volume material blending with outstanding accuracy and reliability. Designed for producers who demand consistent output, streamlined operation, and a transport-friendly footprint, the BT1200-48TB delivers exceptional performance across quarrying, mining, construction, and recycling applications.

Key Features

Four 12m³ Feed Bins (48m³ Total Capacity)

- Large-volume storage for continuous production
- Suitable for sand, aggregates, topsoil, recycled materials, and specialty blends
- Heavy-duty construction for durability in demanding environments

Variable Speed Belt Feeders

- Precision-controlled feeder belts ensure accurate dosing from each bin
- Adjustable from the control panel for fine-tuning blend ratios
- Smooth, consistent material flow reduces blockages and downtime

Central Collection Conveyor

- All materials are combined onto a single 1200mm conveyor
- High-capacity design supports large tonnages
- Ensures uniform blending before final discharge

User-Friendly Control System

- Intuitive interface for selecting and adjusting blend percentages
- Digital readouts for monitoring belt speeds and output
- Ideal for operators of all experience levels

Transport & Setup

- Modular structure for fast onsite installation
- Easily transported between sites
- Designed for reduced assembly time and minimal groundworks

Performance Benefits

- **High Output:** Built to handle bulk material production with ease
- **Accurate Blending:** Variable speed controls maintain consistent mix ratios
- **Operational Efficiency:** Reduced material handling and improved workflow
- **Versatile Applications:** Perfect for sand blends, recycled aggregates, concrete mix components, topsoil, and more
- **Low Maintenance:** Robust engineering, quality components, and simple access points



Typical Applications

- Quarry & Aggregate Production
- Sand and Soil Blending
- Construction Materials Manufacturing
- Recycling & Waste Processing
- Cement & Concrete Pre-Mix Facilities
- Landscaping Material Production

Technical Summary

- **Total Bin Capacity:** 48m³ (4 × 12m³ bins)
- **Feeders:** Variable-speed belt feeders on each bin
- **Main Conveyor:** 1200mm wide, high-capacity discharge conveyor
- **Power Requirements:** Suitable for standard industrial power setups
- **Design:** Heavy-duty steel fabrication
- **Mobility:** Modular layout for transport and rapid setup

Why Choose the IMS BT1200-48TB?

Designed with efficiency and accuracy at its core, the BT1200-48TB offers producers a dependable blending solution that enhances production speed, reduces waste, and ensures repeatable material quality. Its rugged build and intuitive controls make it a long-term asset for any material processing operation.