



PM1050-16TB

ADVANCED DATA SHEET

DETAILS

Model Name

PM1050-16TB

Model Title

Tracked Pugmill mixer

Category

Pugmills

Type

Tracked

Brand

IMS | Irish Manufacturing Services

Description

The PM1050-16TB tracked pugmill from Irish Manufacturing Services' (IMS) is engineered to thrive in challenging environments, boasting a versatile blending capacity of 50-500 tph and can handle additive percentages from 1% to 20%. Whether it's stabilizing road base materials with water, cement, or lime, mixing cold emulsified asphalt (Cold Mix), creating Roller Compacted Concrete (RCC), or producing Flowable Backfill material, the PM1050-16TB does it all with precision and efficiency. At the heart of this powerhouse is a robust Caterpillar 75kw diesel engine and a twin-shaft mixer designed to prevent surging, ensuring a steady, high-quality output. Its design not only emphasizes operational efficiency and flexibility but also underscores IMS's commitment to safety, incorporating an emergency stop system for enhanced operational security. With features like a variable speed conveyor belt for precise material flow control, a water surge tank for consistent mixing, and hydraulic folding for easy transportation and setup, the PM1050-16TB pugmill epitomizes the perfect blend of performance, reliability, and innovation.

PROCESSED MATERIALS

- Asphalt
- Cement
- Gravel

RECOMMENDED USE

Best For stabilizing road base materials with water, cement, or lime, mixing cold emulsified asphalt (Cold Mix)

Best Loader Large excavator or skid steer

KEY SPECIFICATIONS

Engine Power 102 hp

Max ton per hour 50-500 tph

Operating Weight 43,296 lbs

Engine Type Cat Stage V Diesel

OTHER SPECIFICATIONS

Transport Size (L x W x H) 39'4" x 7'4" x 8'4"

Tank Capacity 48 gallon

Additive Range 1%-20%

Belt Size 42" wide 3 ply

Mobility Tracked

Hydraulic tank capacity 83 gallon

Working Size (L x W x H) 62' x 7'4" x 16'4"

FEATURES

- Crawler track movement with dog lead control
- Hydraulic folding on pugmill
- Wash facility for pugmill mixer
- 75 kw Diesel-hydraulic drive
- Additive chute
- 42" wide 3-ply belt
- Water header tank
- Hydraulic adjustment of tail section for transport on low loader