



# MS104T

## ADVANCED DATA SHEET

**DETAILS**

**Model Name** MS104T

**Model Title** 10' x 4'2" Tracked 3-Way Screener

**Category** Screeners

**Type** Scalper

**Brand** IMS | Irish Manufacturing Services

**Description** The MS104T three-way mobile tracked scalping screen, from Irish Manufacturing Services (IMS), redefines efficiency and flexibility in screening operations for small to medium-sized operators. This heavy-duty machine, while simple in its operability, doesn't compromise on performance, offering a high-capacity output that is tailored to meet diverse operational needs. The MS104T features a 6 Yd hopper paired with a variable speed 40" belt feeder, catering to efficient material handling and feeding capabilities. Designed with a 10' x 4'2" double-deck screen, the MS104T boasts a screening capacity of up to 300 tph, varying according to material type, feed size, and screen media selection. At its core is a Caterpillar C2.2 74HP (55kW) T4F/Stage V Diesel Engine, ensuring reliable power while maintaining compliance with the latest environmental standards. The inclusion of Sauer Danfoss hydraulic motors and hydraulic folding wing conveyors underline the machine's design for ease of operation and maximum productivity.

**PROCESSED MATERIALS**

- Compost
- Concrete
- Demolition Waste
- Gravel
- Rock
- Sand
- Soil
- Stone
- Topsoil

**RECOMMENDED USE**

**Best For** Sizing large particles of aggregates and concrete

**Good For** Screening topsoil, compost

**Not Built For** Wet, sticky materials including clay or materials that need to be washed

**Best Loader** Mid-sized excavator, crusher, smaller loader

**KEY SPECIFICATIONS**

<b>Size In</b>	Up to 15"
<b>Top Deck Screen</b>	4"
<b>Bottom Deck Screen</b>	1/4"
<b>Engine Power</b>	74 HP
<b>Max ton per hour</b>	300 tph
<b>Size Out</b>	Adjustable down to 0.03"
<b>Deck Size</b>	10' x 4'2"

**OTHER SPECIFICATIONS**

<b>Transport Size (L x W x H)</b>	34'5" x 8'5" x 7'6"
<b>Feed Height</b>	9'10"
<b>Number Of Decks</b>	2 decks
<b>Stockpile Height</b>	9'2"
<b>Power Source</b>	Diesel Hydraulic
<b>Operating Weight</b>	31900 lbs
<b>Mobility</b>	Tracked
<b>Engine Type</b>	Caterpillar C2.2 Stage V Diesel Engine
<b>Working Size (L x W x H)</b>	34' x 29'6" x 10'3"

**FEATURES**

- 10' x 4'2" double deck screen
- Caterpillar C2.2 74HP (55kW) T4F/Stage V Diesel Engine
- Sauer Danfoss hydraulic motors
- Hydraulic folding wing conveyors
- 6 Yd hopper with variable speed 40 inch belt feeder
- Can fit in a container for transport