



MS104T

ADVANCED DATA SHEET

DETAILS

Model Name MS104T

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

Category Screeners

Type Scalper

Brand IMS

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

- Aggregate
- 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, dry compost, rock
Not Built For	Wet materials, clay, materials that need to be washed, large quantities of wet/sticky compost
Best Loader	Mid-sized excavator, Crusher (Barford 750J, ARK J2716)

KEY SPECIFICATIONS

Ton per hour	300 tph
Power Source	Diesel Hydraulic
Size Out	Adjustable down to 0.03"

OTHER SPECIFICATIONS

Size In Up to 15"

Top Deck Screen 4"

Transport Size (L x W x H) 34'5" x 8'5" x 7'6"

Bottom Deck Screen 1/4"

Engine Power 74 HP

Feed Height 9'10"

Number Of Decks 2 decks

Stockpile Height 9'2"

Operating Weight 31900 lbs

Deck Size 10' x 4'2"

Mobility Tracked

Engine Type Caterpillar C2.2 Stage V Diesel Engine

Working Size (L x W x H) 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