



M300



***BUILT FOR THE
TOUGHEST TASKS***

**TECHNICAL
SPECIFICATION**

CHALLENGE ACCEPTED

Introducing the MDS M300, a powerful heavy-duty scalper designed to meet the toughest industrial demands. This high-performance machine excels at processing challenging materials like quarry blasted rock and construction and demolition debris. Compact and highly mobile, the M300 is perfect for contractors, quarry operators, and recycling yards seeking both strength and manoeuvrability.

Engineered for efficiency and ease of use, the M300 offers fully hydraulic setup for quick transitions without extra equipment. Its heavy-duty double-deck grid, featuring a T-Bar cassette top deck and mesh bottom deck, ensures precise and aggressive scalping. The 1400mm conveyor belt with variable speed boosts productivity, while hydraulic folding components make setup and breakdown fast and simple. Maintenance is streamlined with a swing-out engine and accessible parts, maximizing uptime and performance.

Combining strength, efficiency, and portability, the MDS M300 is an outstanding choice for those needing a reliable, high-capacity scalper in demanding environments.



KEY FEATURES

SUITABLE FOR



Overburden



Sticky/Dirty Clay



Limestone



Primary Screening



Demolition/Concrete



Blasted Rocks



Recycling



Topsoil



Sand & Gravel

DISCHARGE CONVEYOR

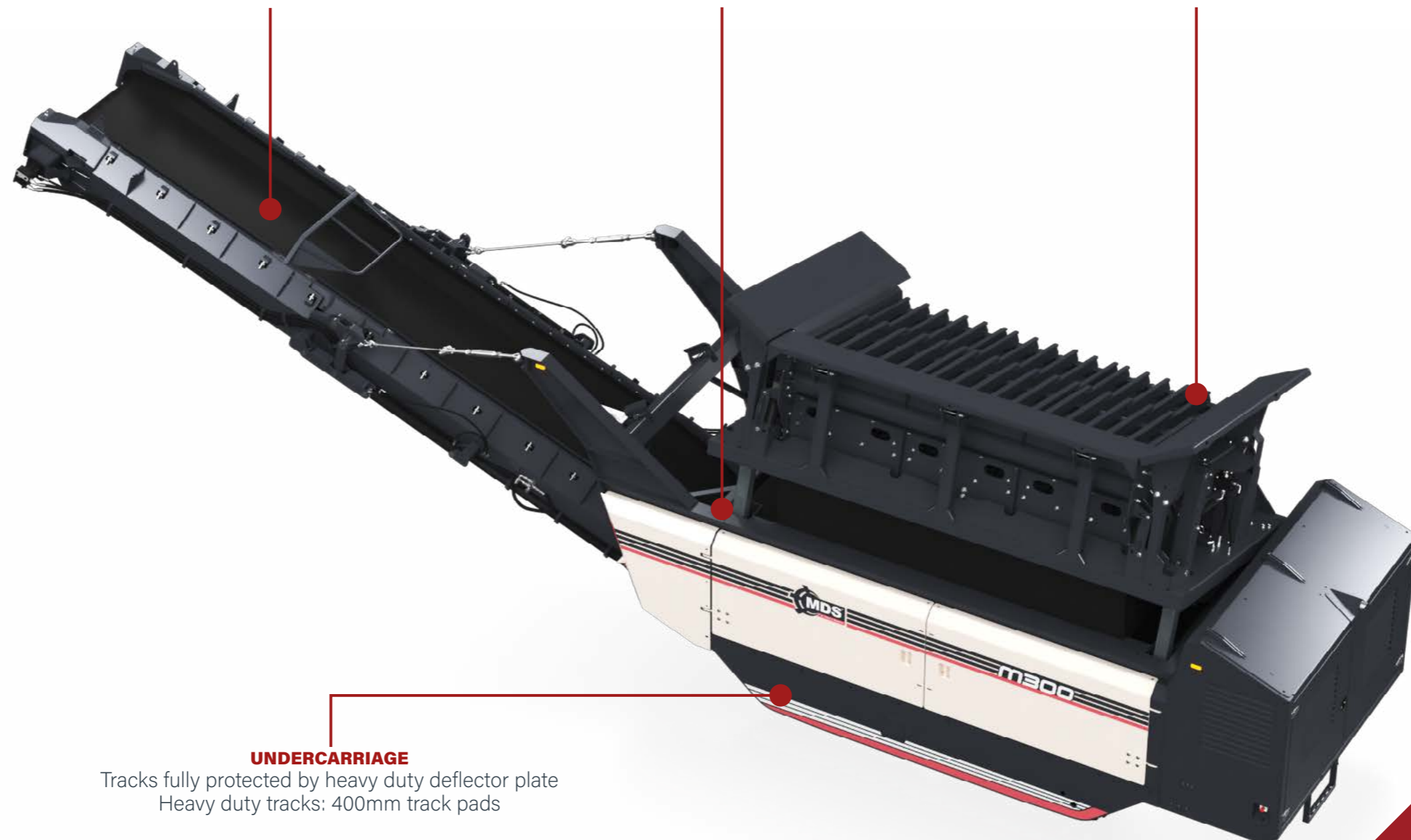
Belt width: 1400mm (48")
Hydraulic drive with steel skirting
Discharge height: 3960mm (13')
Stockpile capacity: 100m³ (108.6yd³)

COLLECTION CONVEYOR

Belt width: 1400mm (48")
Variable speed hydraulic drive

VIBRATING GRID AND HOPPER

Step level abrasion resistant plate T-Bar on top deck
Hydraulic folding for quick set up and tear down
Feed opening with wing plates: 4500mm (14'9")
Grid length: 2400mm (7'10") (with feed plate)
Grid angle: hydraulically variable between 2° and 25°
Twin deck vibrating grid 3.35m x 2.6m (11' x 8' 7")
Bottom deck woven mesh

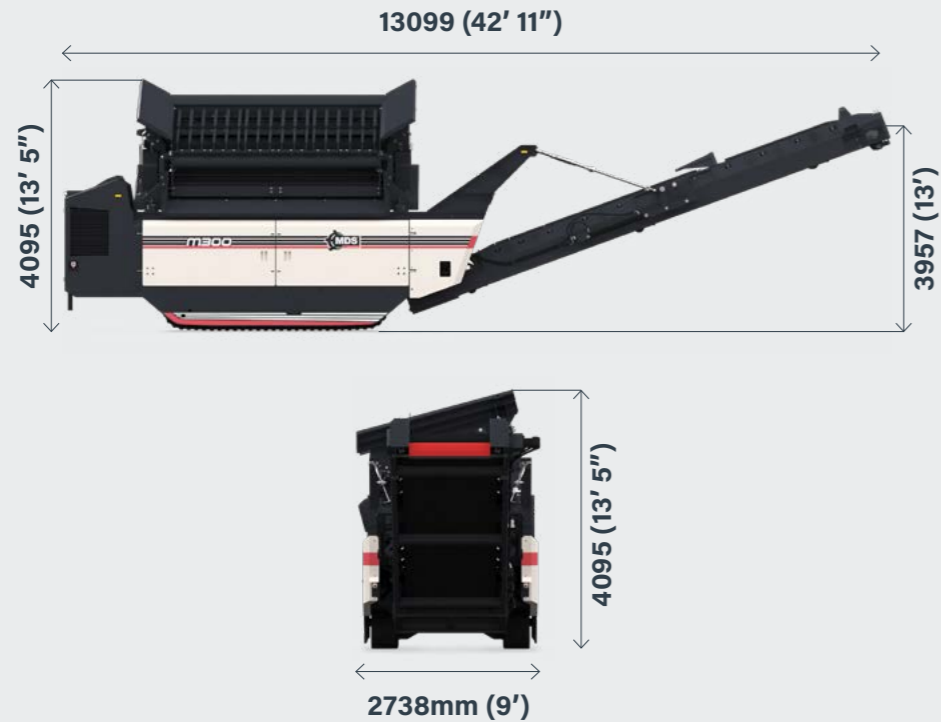


UNDERCARRIAGE

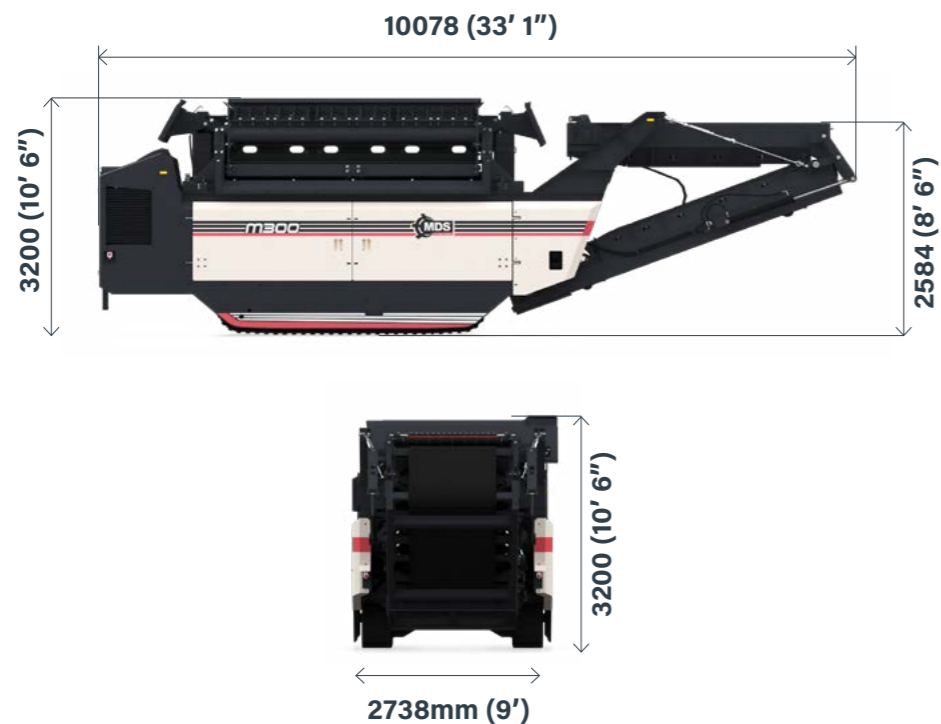
Tracks fully protected by heavy duty deflector plate
Heavy duty tracks: 400mm track pads

DIMENSIONS

WORKING DIMENSIONS



TRANSPORT DIMENSIONS



SPECIFICATIONS

VIBRATING GRID & HOPPER

Twin deck vibrating grid 3.35m x 2.6m (11' x 8'7")
 150mm (6") step level abrasion resistant plate T bars on top deck
 50mm (2") bottom deck woven mesh
 Hydraulically varied grid angle adjustment
 Feed opening with wing plates: 4500mm
 Grid length(with feed plate): 2616mm (8' 7")

DISCHARGE CONVEYOR

Belt width: 1400mm (48")
 Hydraulic drive with steel skirting
 Discharge height: 3960mm (13")
 Stockpile capacity: 100m³ (108.6yd³)

POWERUNIT

Tier 4F/Stage 5: Cat 2.2 - 55Kw (74Hp)

OUTPUT POTENTIAL

Up to 600tph / 660 US tph

TRANSPORT / WORKING DIMENSIONS

Length: Transport: 10.1m (33' 2") Working: 13.1m (43')
 Width: Transport: 2.81m (9' 3") Working: 2.81m (9' 3")
 Height: Transport: 3.2m (10' 6") Working: 4.1m (13' 6")
 Loading height @15 degree grid angle 3.8m (12' 7")
 Weight: Standard Unit 22,500kg (49, 500lbs)

UNDERCARRIAGE

Tracks fully protected by heavy duty deflector plate
 Heavy duty track undercarriage
 Control operation of tracks via hand held-set with connection lead



Scan the QR code
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Ireland

Drummond, Magheracloone
A81 TE82, Carrickmacross
Co. Monaghan, Ireland
Tel: +353 42 966 7899
Email: mds.info@terex.com

USA

Louisville
11001 Electron Drive,
Louisville, Kentucky, 40299 USA
Tel: +1 502 736 5233
Email: mds.info@terex.com

www.terex.com/mds



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