

2023 MDS M515 Mobile Trommel Unit #1283

#SN: TMD515ACKP11196

The M515 Track Trommel is perfect for cleaning dirty material and can handle rocks up to 800mm (32") in size. It comes complete with fold out stockpiling conveyors and is ideal for moving around the quarry and from one site to another.

Hopper

Capacity – 16.5 cu. yard

Speed of 8 strokes per minute

Wide mouth opening

Heavy duty tipping grid – Included

Tipping grid spacing – 18"/20" nominal opening

Feed rate – 385-550 US tons per hour

Folding hopper extensions – Included

Reciprocating Push Feeder

Hardox reciprocating heavy duty 36" x 12'-6" steel pan

Hydraulic variable speed drive via hydraulic cylinder

Heavy Duty Trommel Drum

Fully welded drum and mid sections

Diameter – 5'-0"

Length – 18'

Incline angle – 5 degrees

Fines section – 13' long – 4" square opening

Mid-product section – 5' long – 12" square opening

Tipping grid – 18”/20” spacing on the grizzly bars

Drum cleaner An innovative solution to remove sticky material from the fines drum. Modular polyethylene blocks mounted to a spring-loaded shaft punch through the hole to remove clay from trommel openings. – Included

Support rollers – 4 support rollers constructed out of steel, mounted in a cradle and spindle.

Screen drive – Hydraulic motor with toothed sprocket and chain drive

Fines Conveyor

Width – 48”

Discharge height – 12’-3”

Drive – Single hub hydraulic

Belt – Heavy duty

Mid Product Conveyor

Rocks up to 18”

Width –39”

Discharge height – 11’-6”

Drive – Single hub hydraulic

Belt – Heavy duty

Oversize Conveyor

Rocks up to 32”

Width – 48”

Discharge height – 12’-3”

Drive – Single hub hydraulic

Belt – US flex Dunlop

Chassis



Main chassis – Web and flange chassis integrating all components in a single shell chassis

Safety guards – To ISO standards

Material – Mild steel, S275

Hydraulic raise – Included to elevate the chassis

Tracks

All terrain heavy duty high torque tracks

Control operation of tracks via handheld set with connection lead or wireless remote control

Engine

CAT 3.6 100kW (131.4HP) Tier 4 final stage 5 dual certified engine

Hydraulic power unit

Electronic control system

Sensors and probes for monitoring

Transport Dimensions

Dimensions with grid (L x W x H) – 55'-1" x 9'-9" x 13'-8"

Standard weight – 105,822 lbs.

Weight with drum cleaner and grid – 122,174 lbs.

Working Dimensions

Dimensions (L x W x H) – 68'-10" x 24'-10" x 16'-5"

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