



M515 TROMMEL

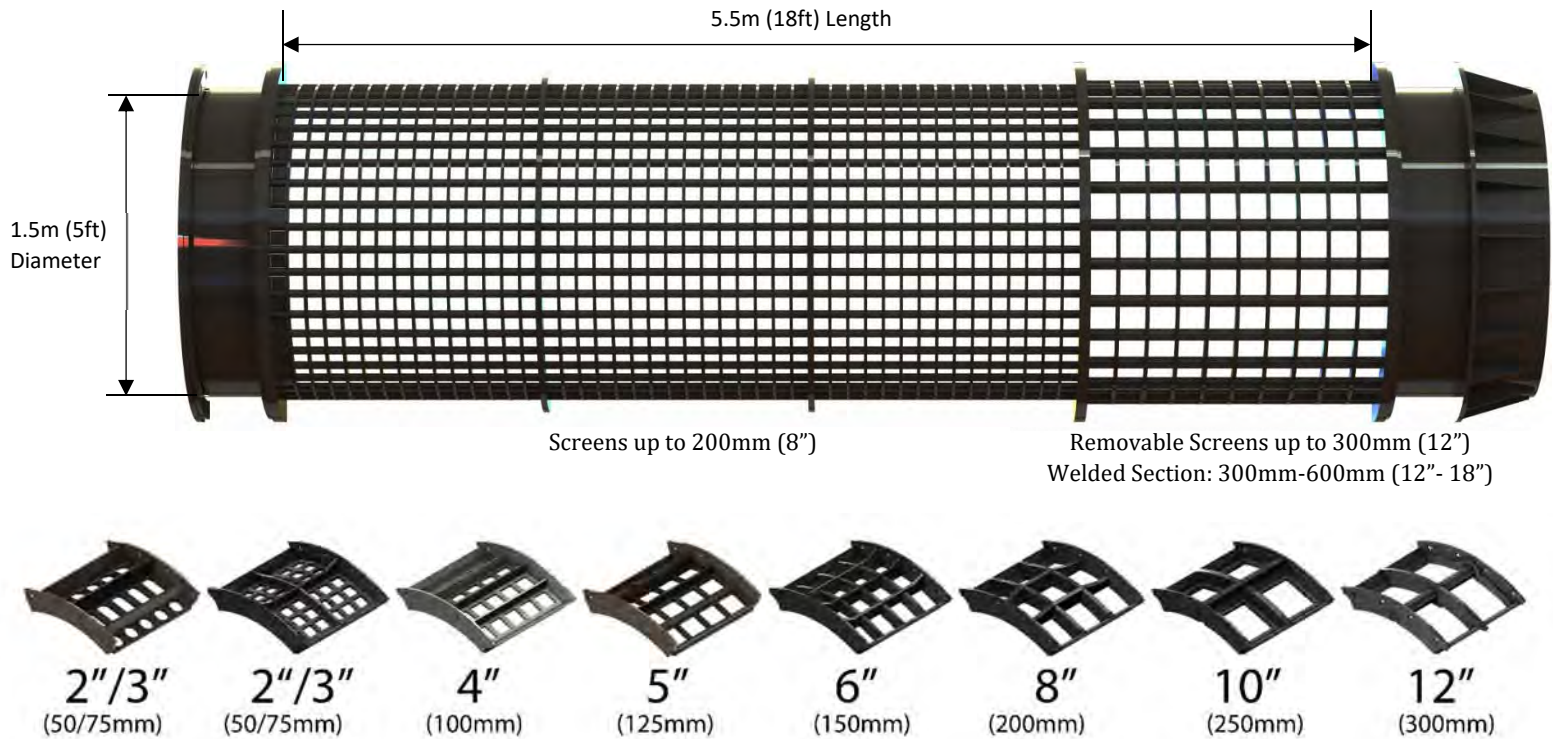


M515 SPECIFICATION SHEET

Trommel Drum

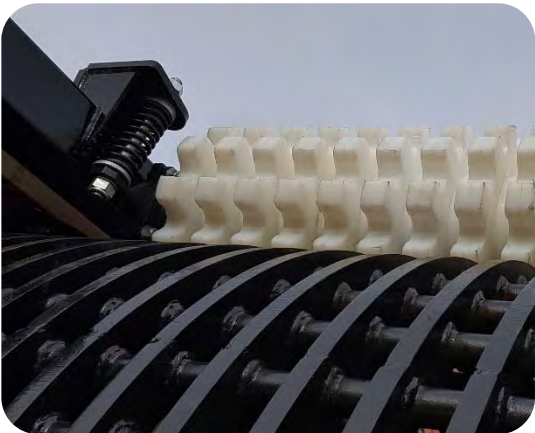


Diameter	: Internal 1.5m (5ft)
Length	: 5.5m (18ft)
Incline angle	: 5 Degrees
Aperture spacing	: 4m long can be 50mm (2") to 200mm (8") (1 st Fraction) 1.5m long can be 50mm (2") to 450mm (18") openings (2 nd Fraction) Oversize up to 800mm (32")
Screen segments	: Manufactured from steel bar and bolted sections.
Changeable Drum	: With removable screen sections. This allows the customer to change sizes, as well as repair/replace individual sections
Welded Drum	: Fully welded drum sections for a more robust screening and higher output
Support rollers	: 4 support rollers constructed out of steel, mounted in cradle through spindle.
Support roller paths	: Manufactured from high quality steel, welded to the barrel to give uniform solid support. Machined face for smooth rolling motion
Screen Drive	: Hydraulic motor with toothed sprocket and chain drive.
Drive base	: Fabricated base, mounted into the underframe



Drum Cleaner

Innovative solution to clean drums off any sticky material. Made using Polyethylene. Springs loaded so not to reduce productivity of drum.



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Diesel Hydraulic Power Unit

Engine	: 96 kW (129HP) CAT4.4 Engine driven Hydraulic Power Unit
Tanks	: Hydraulic and Diesel
Cooling	: Oil Cooler
Direction Valve	: CTOP 5 24 V
Oil Cooler Valve	: CTOP 3 24 V
Reservoir	: 300 Litre Hydraulic Reservoir
Reservoir Accessories	: 2 off sight oil gauges Electric switches for low level cut off Temperature probe Filler breather cap Return-line filters Suction filters and low pressure ball valves
Engine Control Panel	: Electric Control panel for Engine
Functions	: Start/Stop for Engine Operational controls for drum, feeder and conveyors
Safety	: Limit Switches and Emergency Stops
Protections	: Rain proof and Ventilated Panel

Technical Details

Weight	: 52.9 US Tons (48 Tonnes)
Feed Mechanism	: Hydraulic Push Feeder
Output Capacity	: 350 to 500 US Tons (320-450 Tonnes) per hour

Transport Dimensions



Working Dimensions



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Conveyors

Type	:	Fines	Mid Product	Over size
Width	:	1200mm (3ft11")	1000mm (3ft3")	1200mm (3ft11")
Material	:	Heavy Duty Belt	US Flex Dunlop	US Flex Dunlop
Location	:	Rear	Side	Front
Output Height	:	3850mm (12ft8")	3460mm (11ft4")	3780mm (12ft5")
Drive	:	Single Hub Hydraulic	Single Hub	Single Hub Hydraulic
Max Rock size	:	25-200mm (1"-8")	460mm (18")	800mm (32")

Chassis

Main Chassis	:	Web and Flange Chassis integrating all components in a Monocoque Design
Safety Guards	:	To ISO Standards
Material	:	Mild Steel, S275

Hopper

Type	:	Hardox heavy duty steel pan reciprocating feeder
Drive	:	Hydraulic variable speed drive via hydraulic cylinder
Dimension	:	940mm (3'1") wide x 3810mm (12'6") feeder plate
Speed	:	Up to 8 strokes per minute
Opening	:	Wide mouth opening
Capacity	:	12 m ³ (423 ft ³)

Control Panel

Protection	:	Dust and weatherproof to IP55
Switches	:	Ignition Key Switch, Emergency Stop, Emergency Stop Circuit Tester
Gauges	:	RPM and Temperature
Help	:	User Control and Diagnostics

