DF514
SCALPING SCREEN

ANACONDA®
A McLanahan Company

Built for high-volume screening, the DF514 is a versatile scalper for demanding applications where durability and mobility are key. It can process up to 350 tph (386 US tph), handling materials such as crushed stone, sand and gravel, construction and demolition waste, coal, iron ore, and topsoil.

Its 4,270 mm x 1,520 mm (14’ x 5’) double-deck screenbox features equal length top and bottom decks to maximise the true throughput of material, with the screening angle adjustable between 15° and 19°. A heavy-duty belt feeder is fitted as standard, with an optional apron feeder available for high-impact loads. Oversize, mids and fines are discharged by three hydraulic folding conveyors with variable speed control, while a hydraulic screenbox lift provides safe and easy mesh access. The DF514 can typically be running within 20 minutes of arrival, offering both reliability and mobility across quarrying, recycling and aggregate operations.

FEATURES

- Double-deck screenbox with equal length top and bottom decks
- Adjustable screen angle between 15° and 19°
- Hydraulic screenbox lift for mesh change
- Standard belt feeder with optional apron feeder
- Hydraulic folding conveyors for oversize, mids and fines
- Variable speed on all discharge conveyors
- Screenbox safety walkways







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Technical Specifications		
Max Feed Size	300 mm	12”
Capacity*	Up to 350 tph	Up to 386 US tph
Screenbox (Top & Bottom) Size	4,270 mm x 1,520 mm	14’ x 5’
Screen Angle	Adjustable between 15°–19°	
Conveyor Widths	Feeder: 1,200 mm Fines: 800 mm Mids: 800 mm Oversize: 1,200 mm Collection: 1,200 mm	Feeder: 48” Fines: 32” Mids: 32” Oversize: 48” Collection: 48”
Belt Speed Control	Variable speed (excluding collection conveyor)	
Hopper Capacity	7.2 m^3	9.4 yd^3
Machine Weight	Belt Feeder: 24,300 kg Apron Feeder: 27,500 kg	Belt Feeder: 53,572 lbs Apron Feeder: 60,627 lbs

* Capacity varies with application and feed material

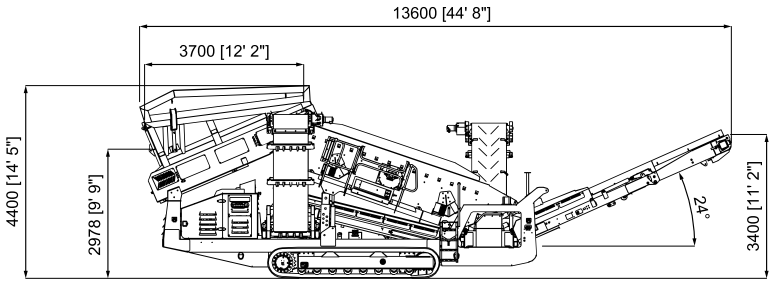
Engine Options			
CAT 4.4	74.5 kW	100 HP	Tier 3
JCB 444 DieselMAX	85 kW	115 HP	Tier 3
JCB 444 EcoMAX IPU	93 kW	125 HP	Tier 4 Final
CAT 3.6	100 kW	134 HP	Stage V
JCB 444 DieselMAX	97 kW	130 HP	Stage V

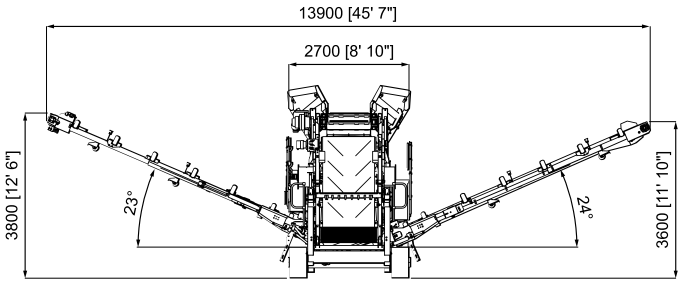
Tier 3 / Stage 3a: Rest of World | **Tier 4 Final**: US, CA, JP, KR, AU (opt.)
Stage V: JCB – EU/UK; CAT – EU/UK/US

Optional Features

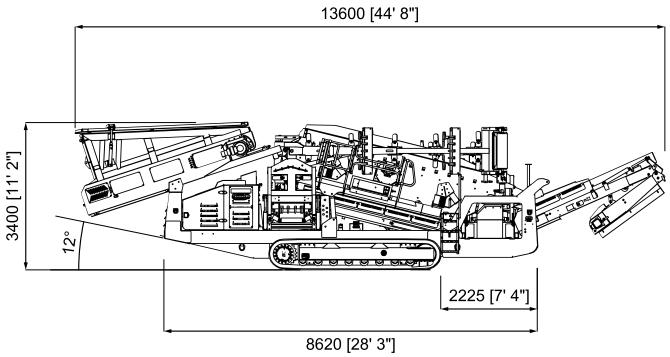
- Apron feeder – for high-impact or abrasive material
- Top deck: finger tines, bofor bars, punch plate or woven mesh
- Overband magnet (on oversize conveyor)
- Radio remote control

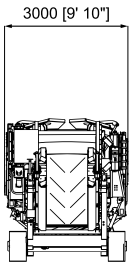
WORKING DIMENSIONS





TRANSPORT DIMENSIONS





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