

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



DF514 SCALPING SCREEN

Technical Specifications		
Feed & Capacity		
Capacity*	Up to 350 tph	Up to 386 US tph
Max Feed Size	300 mm	12"
Hopper		
Width	2.7 m	8' 9"
Length	3.7 m	12' 1"
Volume	7.2 m ³	9.4 yd ³
Feeder		
Width	1,200 mm	48"
Screen		
Top Deck Size	4,270 mm x 1,520 mm	14' x 5'
Bottom Deck Size	4,270 mm x 1,520 mm	14' x 5'
Angle	15°-19°	15°-19°
Conveyor		
Oversize	1,200 mm wide	48" wide
	3.40 m discharge height	11' 1" discharge height
Midsize	800 mm wide	32" wide
	3.60 m discharge height	11' 8" discharge height
Fines	800 mm wide	32" wide
	3.80 m discharge height	12' 5" discharge height
Collection	1,200 mm wide	48" wide
Weight		
w/ Belt Feeder	24,300 kg	53,572 lb
w/ Apron Feeder	27,500 kg	60,627 lb

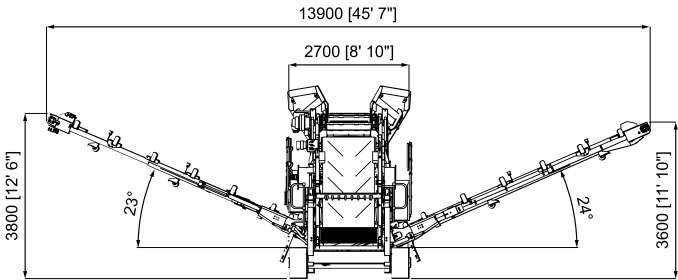
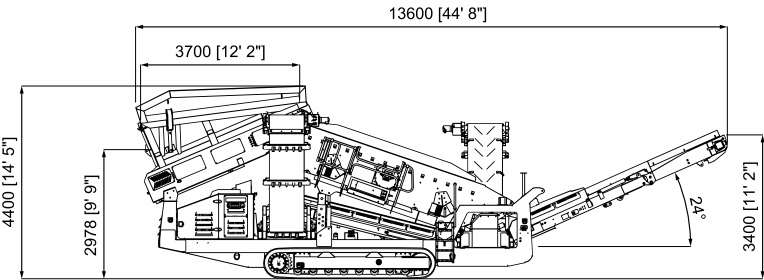
* Capacity varies with application and feed material

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

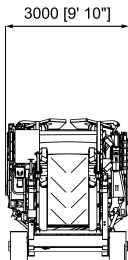
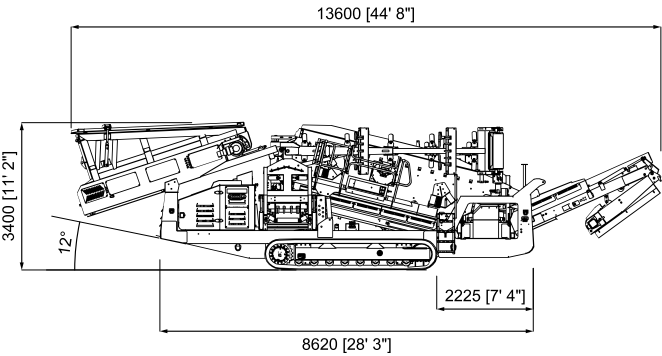
Tier 3 / Stage 3a: Rest of World | Tier 4 Final: US, CA, JP, KR, AU (opt.)
Stage V: JCB - EU/UK; CAT - EU/UK/US

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



Anaconda Equipment is sold and supported worldwide through our authorised dealer network. For enquiries or to find your nearest dealer, please visit: anacondaequipment.com. Anaconda reserves the right to alter design and specifications without notice. Throughput rates may vary depending on material type, feed size and application.