



# SANDVIK QA441 MOBILE DOUBLESREEN

## TECHNICAL SPECIFICATION

The QA441 is the largest two deck tracked mobile screen equipped with Sandvik's world class Doublescreen system. Two high velocity screens that work independently to each other, the primary screen works as a fines extractor, whilst the secondary screen operates as a grader. Two processes combined on one plant, both primary and secondary screening angles can be adjusted relative to each other, offering exceptional flexibility and massive throughput.

### KEY BENEFITS

Reliability	<ul style="list-style-type: none"><li>- Premium components selected throughout for maximum durability</li><li>- Capable of operating in the most hostile environments</li><li>- Wear resistant liners in hopper and side conveyor feed boots</li><li>- Feeder load sensing facility to prevent blockages and unnecessary downtime</li></ul>
Productivity	<ul style="list-style-type: none"><li>- World class Doublescreen design 6 x 1.5 m / 20' x 5' enabling high throughput</li><li>- Doublescreen offers greater adjustability, increased accuracy and higher screening efficiencies</li><li>- The screen box delivers an aggressive and effective vibrating action up to 1200 rpm, meaning your output will be at optimum levels</li><li>- Both screens independently adjustable for greater screening accuracy</li><li>- Large stockpiling capability through integrated hydraulic conveyors</li><li>- Large volume hopper with remote control hydraulic tipping grid</li><li>- User friendly PLC control system with sequential start-stop for speed and ease of set-up</li><li>- Choice of screen media to suit a wide range of applications</li></ul>
Cost of ownership	<ul style="list-style-type: none"><li>- Latest generation fuel efficient engines provide maximum performance and cost efficiency</li><li>- Reduced fuel consumption through optimized hydraulic system and reduced engine RPM</li><li>- Well-proportioned fuel tank to maximize intervals between refueling</li><li>- Hybrid drive option with electric plug-in to run in diesel or electric mode</li></ul>
Safety	<ul style="list-style-type: none"><li>- Mandatory audible and visual warning for safe operation whilst tracking and start-up / shut down</li><li>- Emergency stop buttons and conveyor pull stop cords around the plant for easy access during operation</li><li>- Wireless radio handset and two speed control for safe tracking onsite</li><li>- Wrap-around hydraulically operated maintenance platforms provide safe access for service and maintenance</li><li>- Dust suppression spray bars and onboard water pump to minimize dust, improving operator and onsite safety</li><li>- Lower environmental impact due to reduced fuel consumption, less operating noise and low emissions</li></ul>
Support	<ul style="list-style-type: none"><li>- Connected to Sandvik My Fleet with 7 year data subscription. Benefits include 24/7 fleet management, geo-fencing and remote operator support</li><li>- Extensive global distributor and sales support network</li><li>- Global aftermarket support, with standard stock parts to ensure minimum loss of production</li></ul>





KEY SPECIFICATIONS	QA441
<b>Hopper</b>	
Capacity	11.33 m <sup>3</sup> / 14.8 yd <sup>3</sup>
Type	Hydraulic tipping grid
Standard aperture	128 mm / 5"
<b>Feed conveyor belt</b>	
Width	1.20 m / 3' 11"
Length	3.89 m / 12' 9"
Belt speed	18 m / min
<b>Main conveyor</b>	
Width	1.00 m / 3' 3"
Length	12.39 m / 488"
<b>Screen box</b>	
Type	Doublescreen
Decks	2 deck
First screen box size	3.04 m x 1.52 m / 10' x 5'
Second screen box size	3.04 m x 1.52 m / 10' x 5'
Tensioning system	Ratchet
Speed	1200 rpm
Throw	7.24 mm

## STANDARD SPECIFICATION

Light mast and cabinet lights  
 Radio control tracks 2 speed  
 Hydraulic folding maintenance platforms  
 Hydraulic leveling legs on hopper  
 Wear resistant liners in hopper and side conveyor feed boots  
 Main conveyor complete with anti roll back  
 Variable speed feed conveyor  
 3 hydraulic folding discharge conveyors  
 My Fleet telematics  
 Pull stop cords on side conveyors  
 Dust suppression spray bars  
 Hydraulic water pump

KEY SPECIFICATIONS	QA441
<b>Side conveyors</b>	
Discharge height	5090 mm / 16' 8"
Width	700 mm / 28"
<b>Fines conveyor</b>	
Discharge height	4.98 m / 16' 4"
Width	1.20 m / 47"
<b>Tracks</b>	
Length (centres)	3.80 m / 12' 5"
Width (shoe)	500 mm / 20"
Control	Radio / Umbilical
<b>Power pack</b>	
Engine	CAT C4.4 Stage 5 / T4F 98 kW / 132 hp CAT C4.4 Stage 3A Constant Speed 98 kW / 132 hp
Diesel tank size	290 litres / 76.5 USG
Hydraulic tank size	370 litres / 98 USG
<b>Transport dimensions</b>	
Length	18.37 m / 60' 3"
Width	3.20 m / 10' 5"
Height	3.55 m / 11' 6"
Standard weight	35,883 kg / 79,108 lbs
<b>Operating dimensions</b>	
Length	18.89 m / 62'
Width	18.72 m / 61' 5"
Height	6.59 m / 21' 7"
<b>Performance</b>	
Max feed size	200 mm / 8"
Capacity (up to)	600 mtph / 661 stph *
Travel speed	1.06 km/h / 0.66 mph
Max incline / Side to side	20° / 10°

Note. All weights and dimensions are for standard units only

For option availability please speak with your local Sandvik representative

\* Application specific. Please contact a Sandvik representative for clarification on specifications and options  
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