



# SANDVIK QA331 MOBILE SCREEN

## TECHNICAL SPECIFICATION

**The QA331 is a robust and highly durable machine, designed for the recycling and contractor market. It incorporates one 2-deck screen box with a unique 6° screening angle built into the bottom deck for ultimate screening.**

### KEY BENEFITS

<b>Reliability</b>	<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>- Feeder load sensing facility to prevent blockages and unnecessary downtime</li></ul>
<b>Productivity</b>	<ul style="list-style-type: none"><li>- Class leading 4.25 x 1.5 m / 14' x 5' single screen box with adjustable angle for precise screening</li><li>- 6° angle on the bottom deck to produce a "banana" effect for improved efficiency</li><li>- The screen box delivers an aggressive and effective vibrating action, meaning your output will be at optimum levels</li><li>- Versatile unit, capable of producing large volumes of high specification product</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>
<b>Cost of ownership</b>	<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></ul>
<b>Safety</b>	<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>- Lower environmental impact due to reduced fuel consumption, less operating noise and low emissions</li></ul>
<b>Support</b>	<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	QA331
<b>Hopper</b>	
Type	Hydraulic tipping grid
Grid area with sides open	5.00 m x 1.70 m / 16' 5" x 5' 7"
Standard aperture	100 mm / 4"
Capacity	6.6 m <sup>3</sup> / 8.6 yd <sup>3</sup>
<b>Feed conveyor belt</b>	
Width	1.05 m / 3' 5"
Length	4.00 m / 13' 1"
Belt speed	18 m / min
<b>Main conveyor</b>	
Width	1.05 m / 41"
Length	9.10 m / 29' 10"
<b>Screen box</b>	
Type	Single screen 2 bearing
Decks	2 deck
Top deck	4.26 m x 1.52 m / 14' x 5'
Bottom deck	3.65 m x 1.52 m / 12' x 5'
Tensioning system	Quick release wedges
Speed	1140 rpm
Throw	5 mm
<b>Side conveyors</b>	
Discharge height	4.70 m / 15' 5"
Width	650 mm / 26"

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<b>Fines conveyor</b>	
Discharge height	3.90 m / 12' 9"
Width	1.20 m / 47"
<b>Tracks</b>	
Length (centres)	2.96 m / 9' 9"
Width (shoe)	500 mm / 20"
Control	Radio / Umbilical
<b>Power pack</b>	
Engine	CAT C2.8 Stage 5 / T4F 55 kW / 74 hp CAT C2.8 Stage 3A LRC *
Diesel tank size	350 Litres / 93 USG
Hydraulic tank size	630 Litres / 166 USG
<b>Transport dimensions</b>	
Length	15.34 m / 50' 3"
Width	3.00 m / 9' 10"
Height	3.40 m / 11' 2"
Standard weight	28,088 kg / 61,923 lbs
<b>Operating dimensions</b>	
Length	16.00 m / 52' 6"
Width	16.35 m / 53' 7"
Height	5.60 m / 18' 5"
<b>Performance</b>	
Max feed size	200 mm / 8"
Capacity (up to)	300 mtph / 331 stph **
Travel speed	0.8 and 1.5 km/h / 0.49 and 0.93 mph
Max incline / Side to side	25° / 10°

Note. All weights and dimensions are for standard units only  
\* Lesser Regulated Countries

## STANDARD SPECIFICATION

Light mast and cabinet lights  
Radio control tracks 2 speed  
Hydraulic folding maintenance platforms  
Hydraulic leveling legs on hopper  
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  
Folding walkways

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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