

Sandvik QA33 I screen unit in Action

Technical specification sheet



The QA331 tracked screen is a robust, highly durable machine, designed specifically for the recycling and contractor market.

The QA331 incorporates a 4.25 x 1.5m (14' x 5') two bearing screen box with an adjustable screening angle. The bottom deck has an extra 6 degree angle for ultimate screening performance. This feature coupled with the larger screening surface area, and increased throw on the screenbox, enhances screening efficiency and capacity through the actual screenbox itself.

The QA331 tracked screen has a unique user friendly folding access maintenance platform fitted as standard around the screenbox, thus providing the operator with easy access for maintenance.

- High production rate through large 4.25 x 1.5m (14' x 5') screening area, high frequency adjustable angle, double deck screen and an additional 6 degree angle on

the bottom deck to produce a “banana” effect to improve efficiency.

- Fully capable of working at the quarry face, inner city development or recycling centre.
- Modern chassis I beam design ensures maximum durability for arduous conditions.
- Fully tracked for on-site mobility.
- Available with optional vibrating grid.
- Global aftermarket support, with standard stock parts to ensure maximum uptime.
- Capable of operating in the most hostile environments.
- Massive stockpiling capability through integrated hydraulic conveyors.
- Easily transported from site to site.
- Machine designed for optimum fuel economy and low operating costs.



Technical specifications

	QA331
Hopper	
Width	1700mm / 5' 7"
Length	4945mm / 16' 3"
Capacity	8m ³ / 10.5yd ³
Tipping grid	
Open area	4945 x 1700mm / 16' 3" x 5' 7"
Standard aperture	100mm / 4"
Feeder	
Width	1050mm / 41"
Total length	4000mm / 13' 1"
Type	Belt
Main conveyor	
Belt width	1050mm / 41"
Belt length	18200mm / 59' 9"
Drive drum Ø	289mm / 11.5"
Tail drum Ø	273mm / 11"
Side conveyors	
Belt width	650mm / 26"
Belt length	19250mm / 63' 2"
Discharge height	4700mm / 15' 5"
Drive drum Ø	289mm / 11.5"
Tail drum Ø	273mm / 11"
Fines conveyor	
Belt width	1200mm / 47"
Belt length	9000mm / 29' 6"
Discharge height	4480mm / 14' 8"
Drive drum Ø	289mm / 11.5"
Tail drum Ø	273mm / 11"

Options

Hopper hardox liners back & sides
 Central auto lube (conveyors/screen)
 Dust suppression spray bars
 Canvas covers and brackets only
 Remote diesel pump
 Water pump
 -20°C / -4F Arctic package
 -30°C / -22F Arctic package
 Tropical / High ambient package
 Double deck vibrating grid
 12ft grid & crusher feedbox
 Feed hopper dead box

	QA331
Screenbox	
Screen box speed	1140 rpm
Screen deck measure	Top - 4267 x 1524mm / 14' x 5' Bottom - 3658 x 1524mm / 12' x 5'
Tracks	
Length	2960mm sprocket centres / 9' 9"
Width	500mm / 19 ¾"
Power pack	
Engine type	CAT C4.4 75kw / 100hp
Diesel tank size	400 litres / 106USG
Hydraulic tank size	630 litres / 166USG
General technical data	
Transport dimensions	
Length	15341mm / 50' 4"
Width	2855mm / 9' 4"
Height	3365mm / 11' 0"
Operating dimensions	
Length	16014mm / 52' 6"
Width	16342mm / 53' 7"
Height	5373mm / 17' 8"
Standard weight	27050kg / 59,635lbs
Performance	
Max feed size	200mm / 8"
Capacity (up to)	300 MTPH / 331 STPH
Travel speed	1K/H / 0.62 MPH
Max slope climbing	20°
Max slope side to side	10°

Note. All weights and dimensions are for standard units only

Hardox spreader plate
 Screening media
 Extra wedges for top deck screen
 Oversize screen chute hardox lined
 Single shaft shredder unit
 Side conveyor feed boot hardox liners
 Roll back flaps on main conveyor
 Main conveyor lift rams
 Radio controlled tracks
 Lighting masts
 Conveyor pull stop kit
 Top deck rubber screening mats

The units depicted show all options currently available, and the colour scheme reflects the eventual scheme to be used. Current models may differ from those featured in this brochure. Please contact Sandvik to clarify specification and options. The material in this brochure is of general application for information and guidance only, and no representation or warranty is made or given by the manufacturer that its products will be suitable for a customer's particular purpose and enquiry should always be made of the manufacturer to ensure such suitability. Whilst reasonable efforts have been made in the preparation of this document to ensure its accuracy, the manufacturer assumes no liability resulting from errors or omissions in this document, or from the use or interpretation of the information contained herein. The manufacturer reserves the right to make changes to the information in this brochure and the product design without reservation and without notification to users.

SANDVIK MINING AND CONSTRUCTION (UK) HEARTHCOTE ROAD SWADLINCOTE DERBYSHIRE DE11 9DU ENGLAND
 TEL +44 (0)1283 212121 FAX +44 (0) 1283 217342 mobilecs.smc@sandvik.com www.miningandconstruction.sandvik.com

