

# Sandvik QA44I Doublescreen

## Technical specification sheet



The QA441 is the largest two deck tracked mobile screen equipped with Sandvik's patented, 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 & secondary screening angles can be adjusted relative to each other, offering customers exceptional flexibility and massive throughput.

Designed for quick and easy set-up, the QA441 is built to withstand the rigours of a large quarry or recycling application. It incorporates a number of features for improved safety and control, including a user-friendly electrical control system with sequential start-up for ease of operation and remote control which comes as standard.

The QA441 lends itself to many applications including iron ore, aggregates, topsoil, recycling, minerals, coal, sand and gravel.

- Patented Doublescreen screenbox design 6 x 1.5m (20' x 5') equivalent
- Doublescreen advantages: greater adjustability, increased accuracy, higher screening efficiencies
- Versatile unit, capable of producing large volumes of high specification products
- Large volume hopper complete with remote control hydraulic tipping grid
- User friendly control panel with sequential start-up for ease of operation
- Massive stockpiling capability through integrated hydraulic conveyors
- Radio controlled tracks fitted as standard
- Designed for optimum fuel economy and low operating costs.

## Technical specifications

	QA441
<b>Hopper</b>	
Type	Hydraulic Tipping Grid
Grid open Area	2200 x 4010 mm / 7' 2" x 13' 2"
Grid Area With Sides Open	2200 x 4735 mm / 7' 2" x 15' 6"
Tipping Grid Angle	96°
Vibrating Grid angle	34°
Standard Aperture	128 mm / 5"
Capacity	7.5 m <sup>3</sup> / 9.8 yd <sup>4</sup>
Maximum Capacity	11.33 m <sup>3</sup> / 14.8 yd <sup>3</sup>
Length	4540 mm / 14' 11"
Width	1926 mm / 6' 4"
<b>Feed Conveyor Belt</b>	
Width	1200 mm / 3' 11"
Length	3890 mm / 12' 9"
Motor	125 cc
G/Box Ratio	R 26:1
Head Drum	325 mm / 12 ½"
Tail Drum	270 mm / 10 ½"
Belt Speed	18 m/min
<b>Main Conveyor</b>	
Width	1000 mm / 3' 3"
Length	12,390 mm / 488"
Drive Drum	282 mm / 11"
Tail Drum	270 mm / 10 ½"
Motor	490 cc
Belt Speed	127 m/min
<b>ScreenBox</b>	
Type	2 off screenboxes, 2 Bearing 2 Deck
Decks	
First screen box size	3048 x 1524 mm / 10' x 5'
Second screen box size	3048 x 1524 mm / 10' x 5'
Tensioning System	Ratchet
Speed	1200 rpm
Throw	7.24 mm
Motor	49.1 cc x 2 off
<b>Side Conveyors</b>	
Discharge Height	5090 mm / 16' 8"
Width	700 mm / 27.5"

### Options

Double deck vibrating grid  
 Hardox liners side conveyor and hopper  
 Canvas covers  
 Dust suppression spraybars complete with hosing  
 Water pump (hydraulic) including spray bars  
 Remote diesel pump  
 -20°C / -4F Arctic package  
 -30°C / -22F Arctic package

	QA441
Drive	Hydraulic Motor 395 cc
Head Drum	228 mm / 9"
Tail Drum	216 mm / 8 ½"
Length	10,551 mm / 34' 7"
Belt Speed	127 m/min
<b>Fines Conveyor</b>	
Discharge Height	4988 mm / 16' 4"
Width	1200 mm / 47"
Drive	Hydraulic Motor 395 cc
Head Drum	228 mm / 9"
Tail Drum	216 mm / 8 ½"
Length	7,976 mm / 26' 2"
Belt Speed	127 m/min
<b>Tracks</b>	
Length	3800mm / 12' 5"
Width	500mm / 20"
<b>Power Pack</b>	
Engine Type	CAT C4.4 74.5 kW / 100 hp
Diesel Tank Size	290 Litres / 76.5 USG
Hydraulic Tank Size	370 Litres / 98 USG
<b>General Technical Data</b>	
<b>Transport Dimensions</b>	
Length	18,680 mm / 61' 3"
Width	2,900 mm / 9' 6"
Height	3,500 mm / 11' 6"
<b>Operating Dimensions</b>	
Length	18,890 mm / 62'
Width	18,720 mm / 61' 5"
Height	6,743 mm / 22' 1"
Standard Weight	30,300 kg / 66,800 lbs
<b>Performance</b>	
Max Feed Size	200 mm / 8"
Capacity (upto)	600 MTPH / 661 STPH
Travel Speed	1.06 Km/H / 0.66 MPH
Max Slope Climbing	20°
Max Slope Side to Side	10°

Note. All weights and dimensions are for standard units only

Central autolube system  
 Lighting mast  
 E-Stop conveyor pull cords  
 Tipping grid with crusher feedbox  
 Vibrating grid wing extensions

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 CONSTRUCTION MOBILE CRUSHERS AND SCREENS LTD  
 HEARTHCOTE ROAD SWADLINCOTE DERBYSHIRE DE11 9DU ENGLAND  
 TEL +44 (0)1283 212121 FAX +44 (0) 1283 217342 info.mobiles@sandvik.com www.sandvikmobiles.com

