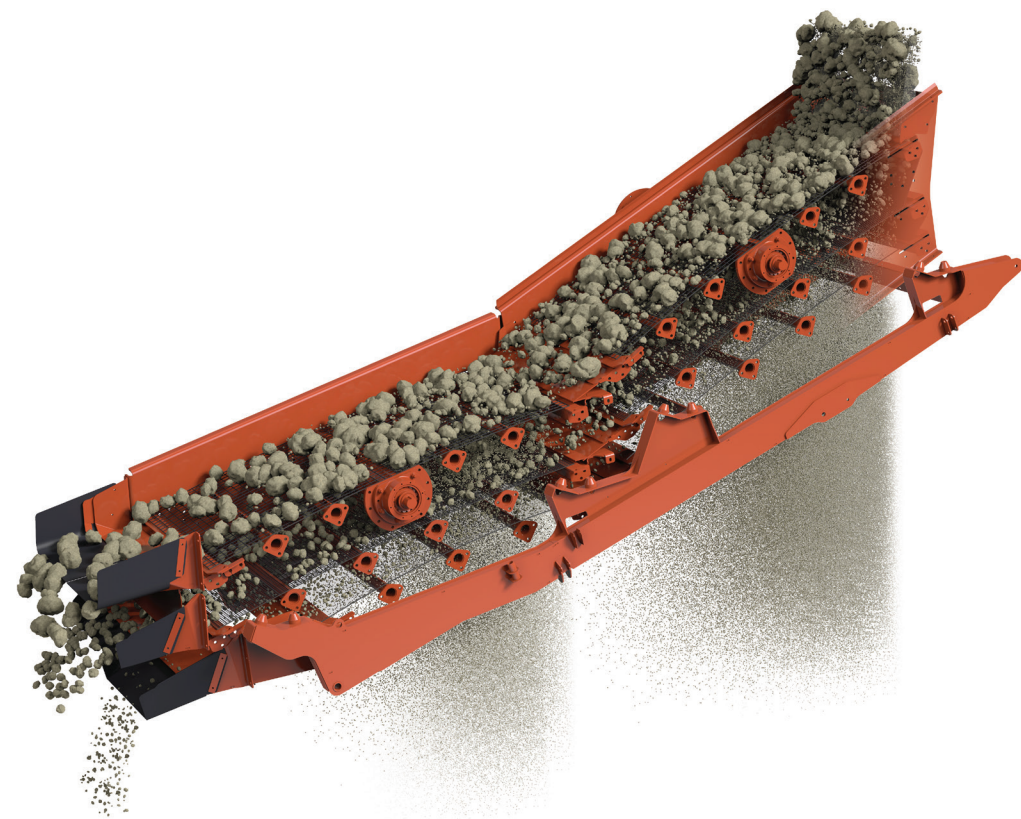




At the heart of the QA451 is the Triple deck Doublescreen box, featuring two independent triple deck screen boxes. Both feature independent drives and can have their amplitudes and combined screen angles adjusted dependant upon application. The QA451 offers a screening solution no other mobile triple deck screener can provide as its two screen boxes offer an unsurpassed level of separation on a wide range of materials, at very high rates of production.

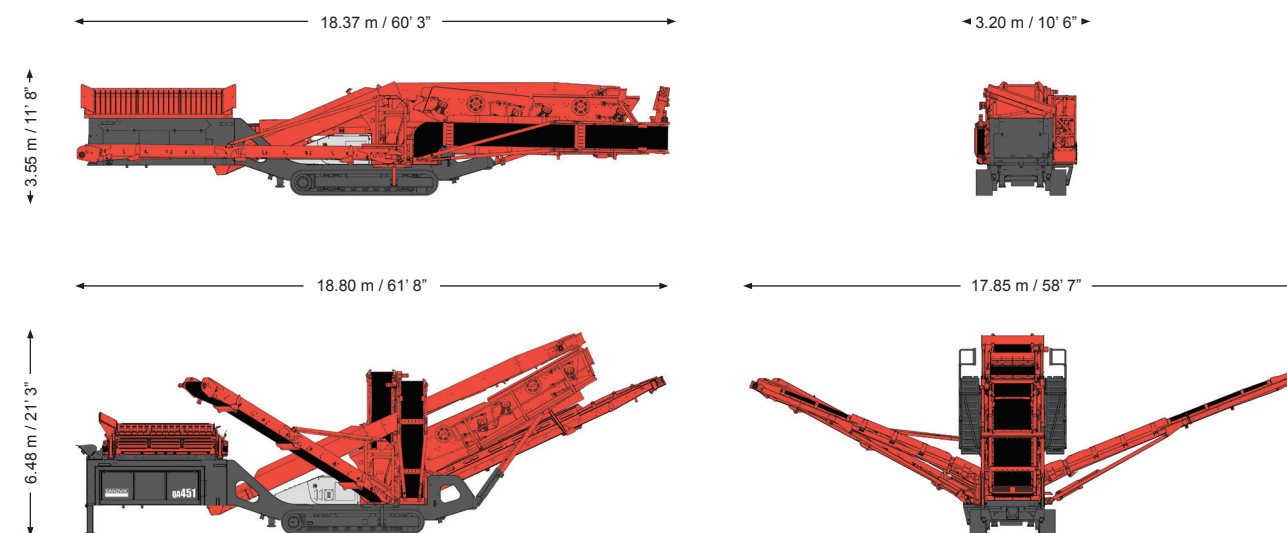


Technical specifications

	QA451
Screen	
Type	2 off screenboxes, 2 Bearing 3 Deck
Screen box size	20' x 5' / 6 x 1.5m
Tensioning System	Manual Ratchet
Speed	1200rpm
Throw	6 - 8 mm
Motor	49cc x 2 off

	QA451
Power Pack	
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

Note. All weights and dimensions are for standard units only



Standard weight 34,000 kg / 74,958 lbs



SANDVIK CONSTRUCTION MOBILE CRUSHERS AND SCREENS LTD
 HEARTH COTE ROAD, SWADLINCOTE, DERBYSHIRE, DE11 9DU, ENGLAND
 T: +44 (0) 1283 212121 F: +44 (0) 1283 818210 info.mobilecs@sandvik.com www.sandvikmobiles.com

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 every effort has 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.

QA451 Triple Deck Doublescreen

E-motion

The Ultimate Screening Solution



BB-3392 ENG rev 5 © Sandvik Construction 2013 SANDVIK is a registered trademark owned by Sandvik Intellectual Property AB in Sweden and other countries



QA451 Triple Deck Doublescreen

Engineering in motion

KEY SPECIFICATIONS

SCREEN BOX	20' x 5' / 6 x 1.5m
ENGINE	C4.4 74.5 kW / 100 hp
TRANSPORT DIMENSIONS	18.37m / 60' 3" (l) 3.20m / 10' 6" (w) 3.55m / 11' 8" (h)
WEIGHT	34,000 kg / 74,958 lbs

ULTIMATE SCREENING SOLUTION

The QA451 is the largest and most impressive mobile tracked screener in the Premium range and the only screener in the world with a triple decked Doublescreen screening system. Building upon the success of the QA450, the QA451 represents the next generation model with numerous product enhancements to produce a more user-friendly, efficient and productive unit.

The QA451 is designed specifically to work in closed circuit with our tracked secondary and tertiary crushers. The hydraulically folding fourth product conveyor slews and raises/lowers hydraulically to optimise the feeding position to these upstream units. Alternatively, the QA451 can work as an extra-large stand-alone screening and stockpiling system producing four sized products with a fifth oversize material scalped off at the grid.

FEATURES INCLUDE:

- High production capabilities due to its phenomenal Doublescreen system - two in-line, independently vibrating 10' x 5' / 3 x 1.5m triple deck screenboxes
- Four on-board hydraulic folding stockpilers
- Enlarged oversize conveyor chute prevents bottle necks and ensures free flow of material.
- Large volume hopper complete with remote control hydraulic tipping grid
- Fully compliant with the latest safety regulations
- Capable of working in the most hostile of environments
- Designed for optimum fuel economy and low operating costs.

Mids-fines side conveyor

- 700 mm / 27.5" wide belt with a discharge height of 4915 mm / 16'9" for enormous stockpiling capability
- Hydraulically folds forwards alongside screenbox and walkway for ease of transport

Mid-overs side conveyor (other side of machine)

- 700 mm / 27.5" wide belt with a discharge height of 5130 mm / 16'10" for massive stockpiling capability

Screenbox

- Triple deck 20' x 5' / 6 x 1.5m equivalent patented Doublescreen for high production capabilities
- Easy-change mesh facility with highly efficient ratchet tensioning system
- Hydraulically folding walkways for ease of maintenance

Main Conveyor

- 1200mm / 47" wide variable speed feed conveyor
- Can be hydraulically raised up from screenbox to enable quick mesh change and easy maintenance

Oversize conveyor

- Hydraulic raise / lower and hydraulic slew function for quicker set-up times, stockpile clearing and recirculating with secondary and tertiary crushers
- 650 mm / 26" wide belt for maximum oversize material removal
- Discharge height 4897 mm / 16'1" for enormous stockpiling capability
- Compatible with optional vibrating grid

Hopper

- Large volume hopper complete with remote control hydraulic tipping grid
- Vibrating grid available as an option
- Variable speed belt feeder, heavy duty-roller bed and heavy duty belting
- Heavy duty feeder drive system for increased throughput

Power Pack

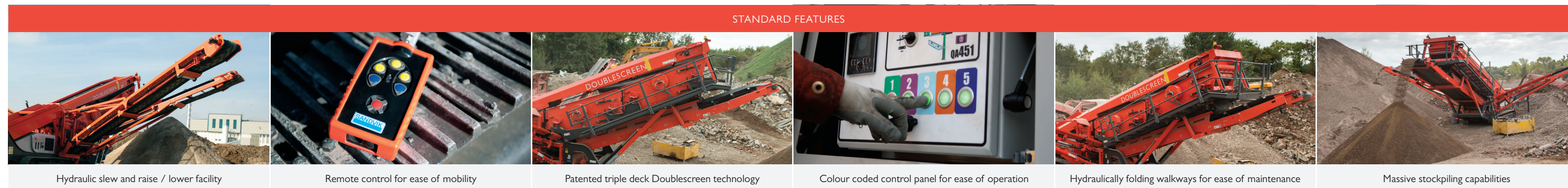
- Diesel driven 74.5 kW / 100 hp emissions compliant engine
- User friendly push button control panel with sequential start-up for ease of operation
- Easy access to the engine compartment for service and maintenance

Tracks

- 500 mm / 20" wide tracks driven by radio control as standard for ultimate maneuverability on site

Chassis

- Modern chassis design on tracked frame ensures maximum durability
- Hydraulic legs for increased stability and servicing capabilities



STANDARD FEATURES



Hydraulic slew and raise / lower facility



Remote control for ease of mobility



Patented triple deck Doublescreen technology



Colour coded control panel for ease of operation



Hydraulically folding walkways for ease of maintenance



Massive stockpiling capabilities

Suitable for a wide variety of applications.



Quarrying application



Recycling application



Construction application