

Sandvik QE440 scalping screen unit

in Action

Technical specification sheet



The QE440 has been developed over the last 18 months through Sandvik's acclaimed R&D programme. Based on in-depth customer and market analysis the QE440 is designed to deal with customer's real requirements, which traditional screening solutions are unable to adequately cater for.

The QE440 caters for the serious aggregate producer and to this end boasts 40% more screening area than its little brother - the market leading QE340. Importantly, the stockpiling conveyors are both wider, and higher, to deal with both the increased production capacity and facilitate larger stockpiles.

- Class leading total scalping area of 5.5 x 1.75m / 5 x 1.75m (18 x 6' / 16.5 x 6') allows for enormous rates of production
- Capable of being fed by large crushers, yet precise enough to produce accurate aggregates, and tough enough to recycle mixed materials

- Heavy duty crusher-type chassis
- Global aftermarket support, with standard stock parts to ensure minimum loss of production
- Machine designed for efficient fuel economy, and low operating costs.
- Fully tracked for on-site mobility
- Different applications catered for through Sandvik screening media
- Capable of operating in the most hostile environments
- Massive stockpiling capability through integrated hydraulic conveyors
- Easily transported from site to site



Technical specifications

	QE440
Hopper	
Capacity	8.5m ³ / 11.1yd ³
Type	One piece hardox construction
Feeder apron conveyor	
Gearbox ratio	15:1 ratio
Belt speed (adjustable)	17m/min (max)
Oversize conveyor	
Width	1600mm / 63"
Discharge angle (adjustable)	18 to 25 degrees
Discharge height (adjustable)	3.5m / 11' 5" - 4.15m / 13' 7"
Drive drum Ø	289mm / 11.5"
Tail drum Ø	273mm / 10.5"
Side conveyor (midsize)	
Width	900mm / 36"
Discharge angle (adjustable)	15 - 25 degrees
Discharge height (adjustable)	4000mm / 13.1'
Drive drum Ø	232mm / 9.1"
Tail drum Ø	216mm / 8.5"
Side conveyor (fines)	
Width	1000mm / 39"
Discharge angle (adjustable)	20 to 25 degrees
Discharge height (adjustable)	4200mm / 13.8'
Drive drum Ø	232mm / 9.1"
Tail drum Ø	216mm / 8.5"
Transfer conveyor	
Width	1400mm / 56"
Drive drum Ø	289mm / 11.5"
Tail drum Ø	273mm / 10.5"

	QE440
Screenbox	
Screen top deck measure	5480mm x 1750mm / 18' x 6'
Screen bottom deck measure	5000mm x 1750mm / 16' 5" x 6'
Variable screen angles	11 - 17 degrees
Tracks	
Length	3300mm / 130"
Width	500mm / 19.5"
Power pack	
Engine power	91kW / 122Hp at 2200 rpm
Diesel tank size	460litre / 121.5USG
Hydraulic tank size	800litre / 211USG
General technical data	
Transport dimensions	
Length	16335mm / 53.6'
Width	3188mm / 10.5'
Height	3400mm / 11.2'
Operating dimensions	
Length	16820mm / 55.2'
Width	14561mm / 47.8'
Height	4668mm / 15.3'
Standard weight	36000kg / 76,360lbs
Performance	
Capacity (up to)	900 MTPH / 992 STPH
Travel speed	0.9K/H / 0.55 MPH
Max slope climbing	20°
Max slope side to side	10°

Options

Hopper hardox liner plates back & sides
 Hopper extensions
 Central auto lube (conveyors/screen)
 Dust suppression including canvas covers
 Remote diesel pump
 Water pump
 -20°C / -4F Arctic package
 -30°C / -22F Arctic package
 Tropical / High ambient package
 Screening media

Side conveyor feed boot hardox lined
 Lighting masts
 Punch plate on top deck
 Bofar steel grizzly on top deck
 Bofar steel grizzly and top deck punched plate
 Heavy duty tines on top deck
 Cascade fingers on bottom deck
 One bofar steel grizzly and top deck tines
 Intelligent line multi machine combination

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

