

Sandvik QE141 scalping screen

Technical specification sheet



The QE141 is the latest version of the world's first revolutionary track mounted scalper.

Designed as a multipurpose machine, the QE141 can scalp large infeed materials, yet also double as a fine grading screen for a wide range of materials including topsoil, waste and crusher run.

Powered by a fuel efficient, low revving CAT engine it is fitted with a heavy duty double deck vibrating grid and can be fed easily by a wheel loader, excavator, grab or a crusher.

The QE141 is one of the most versatile, user-friendly mobile scalpers on the market and its multipurpose "bullet-proof" design makes it ideal for quarry operators or contractors in need of a compact, reliable and truly mobile solution to their screening requirements.

- Massive stockpiling capability
- Independent feeder and main conveyor drives
- User-friendly colour-coded control panel with sequential start up for ease of operation
- Hydraulically opening side doors and powerpack swing out facility for ease of maintenance
- Radio remote control tracking and tipping grid functions
- Easily transported and manoeuvred with minimal set-up time
- Fully compliant with the latest safety regulations

Technical specifications

	QE141
Hopper	
Width	2440 mm / 8' 0"
Length	3660 mm / 12' 0"
Grid open area	2200 x 3200 mm / 7' 2" x 10' 6"
Grid area with sides raised	2200 x 4200 mm / 7' 2" x 13' 9"
Vibrating grid max tipping angle	34°
Feed conveyor belt	
Width	1200 mm / 3' 11"
Type	Belt
Total length (crs)	3699 mm / 12' 1"
Motor	125cc
Gear box ratio	R 23:1
Head drum Ø	332 mm / 13"
Tail drum Ø	270 mm / 10.5"
Main conveyor	
Width	1000 mm / 3' 3"
Length (crs)	6634 mm / 21' 9"
Drive drum Ø	282 mm / 11"
Discharge Angle (adjustable)	22 degrees
Motor	490cc
Discharge Height (adjustable)	3158mm / 10' 4"
Tail drum Ø	270 mm / 10.5"
Belt Speed	140m/min

Options

Wear resistant hopper liners
 Vibrating grid wing extensions
 Pull cords on the main conveyor
 Water pump (hydraulic)
 Canvas covers inc spray nozzles

	QE141
Tracks	
Length (crs)	2920 mm / 9' 7"
Width	500 mm / 19.5"
Power pack	
Engine type	C4.4 74.5 kW / 100 hp
Diesel tank size	150 litre / 40 USG
Hydraulic tank size	450 litre / 119 USG
General technical data	
Transport dimensions	
Length	8.79 m / 28' 10"
Width	2.70 m / 8' 10"
Height	3.10 m / 10' 2"
Operating dimensions	
Length	11.52 m / 37' 10"
Width	2.70 m / 8' 10"
Height	3.45 m / 11' 4"
Standard weight	20,000 kg / 44,092 lbs
Performance	
Max feed size	700 mm ³ / 28"
Capacity (up to)	400 MTPH / 441 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

Lighting mast
 Remote diesel pump
 -20°C (-4°F) Arctic package
 -30°C (-22°F) Arctic package
 2m Extended main conveyor

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.mobilecs@sandvik.com www.sandvikmobiles.com

