

Sandvik QE140 scalping screen unit

in Action

Technical specification sheet



In a worldwide context this is the definitive track mounted scalping screen, which employs such a highly efficient screening process it doubles as a grading screen in many applications.

The QE140 effectively scalps and screens aggregates, concrete, topsoil, waste and any other material suitable for sizing or separating. The unique mobility of the QE140 enables the operator to manoeuvre the unit to any position from an excavator or loader enabling speedy screening and stockpiling on a planned route.

Designed to scalp the heaviest of material, yet its ability to screen finer sizes is phenomenal for a scalper. Its sheer manoeuvrability on the ledge of a mountain quarry or on the demolition site of a Tokyo 'pencil' building has earned it the reputation of being one of the world's most versatile screens in terms of production and mobility.

- Large total scalping area gives highest rates of production in its class
- High speed scalping of a wide range of materials, yet compact and manoeuvrable on site
- 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 conveyor
- Easily transported from site to site
- Global aftermarket support, with standard stock parts to ensure minimum loss of production
- Machine designed for optimum fuel economy and low operating costs.

Technical specifications

	QE140
Hopper	
Width	2440mm / 96"
Length	3660mm / 144"
Type	Hydraulic folding
Grid open area	2200 x 3200mm / 87 x 126"
Grid area with sides raised	2200 x 4200mm / 87 x 165"
Tipping grid angle vibrating grid	34°
Feed conveyor belt	
Width	1200mm / 47"
Type	Belt
Total length (crs)	3699mm / 145"
Motor	160cc
Gear box ratio	R 20:1
Head drum Ø	332mm / 13"
Tail drum Ø	270mm / 10.5"
Main conveyor	
Width	1000mm / 39"
Length (crs)	6634mm / 261"
Discharge height	2860mm / 112.5"
Drive drum Ø	282mm / 11"
Tail drum Ø	270mm / 10.5"
Motor	490cc

Options

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

	QE140
Tracks	
Length (crs)	3310mm / 130"
Width	500mm / 19.5"
Power pack	
Engine power	75Kw (100HP) Duetz
Diesel tank size	150 litre / 40 USG
Hydraulic tank size	60 litre / 16 USG
General technical data	
Transport dimensions	
Length	9000mm / 29.5'
Width	2730mm / 9.0'
Height	3170mm / 10.4'
Operating dimensions	
Length	11620mm / 38.1'
Width	2730mm / 9.0'
Height	3200mm / 10.5'
Standard weight	19,500kg / 42,990lb
Performance	
Max feed size	700mm 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

-30°C / -22F Arctic package
 Tropical / High ambient package
 Screening media
 Weigh scale
 Lighting masts
 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.

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