

# 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
<b>Hopper</b>	
Width	2440 mm / 8' 0"
Length	3660 mm / 12' 0"
Type	Hydraulic folding
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"
Tipping grid angle vibrating grid	34°
<b>Feed conveyor belt</b>	
Width	1200 mm / 3' 11"
Type	Belt
Total length (crs)	3699 mm / 12' 1"
Motor	160cc
Gear box ratio	R 20:1
Head drum Ø	332 mm / 13"
Tail drum Ø	270 mm / 10.5"
<b>Main conveyor</b>	
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

Hopper Hardox liner plates back and sides  
 Central auto lube (conveyors / screen)  
 Remote diesel pump  
 Water pump (hydraulic)  
 -20°C (-4°F) Arctic package  
 -30°C (-22°F) Arctic package

	QE140
<b>Tracks</b>	
Length (crs)	2920 mm / 9' 7"
Width	500 mm / 19.5"
<b>Power pack</b>	
Engine type	Deutz 2012 75 kW / 100 HP
Diesel tank size	150 litre / 40 USG
Hydraulic tank size	60 litre / 16 USG
<b>General technical data</b>	
<b>Transport dimensions</b>	
Length	9.00 m / 29' 6"
Width	2.73 m / 8' 11 1/2"
Height	3.10 m / 10' 2"
<b>Operating dimensions</b>	
Length	11.52 m / 37' 10"
Width	2.73 m / 8' 11"
Height	3.45 m / 11' 4"
Standard weight	19,500kg / 42,990lb
<b>Performance</b>	
Max feed size	700 mm <sup>3</sup> / 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

Canvas covers inc spray nozzles  
 Vibrating grid wing extensions  
 Track protection plate on discharge side of machine  
 Pull cords on the discharge conveyor  
 Lighting mast  
 2000mm 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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