

Sandvik QE340 scalping screen unit

in Action

Technical specification sheet



The Sandvik QE340 is a heavy duty, tracked, self-propelled, open flow screening and stockpiling system. This revolutionary machine has been purpose built for the recycling and quarrying markets. Based on in-depth customer and market analysis, the QE340 has been developed in order to deal with customer's real requirements, which traditional screening solutions are unable to adequately cater for.

The QE340 is based on a sturdy, crusher-type chassis and features an hydraulically operated heavy duty hopper, double plated apron feeder. The adjustable heavy duty screen box with high throw and vibration characteristics, ensures the QE340 is purpose built for arduous duties. Applications include the screening of heavy overburden at a quarry face, pre-screening and scalping, recycling of construction and landfill waste, and separation of cohesive aggregates.

- Large total scalping area of 4.7 x 1.45m / 4.2 x 1.4m (15.4 x 4.75' / 13.75 x 4.7') 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
- 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
- Global aftermarket support, with standard stock parts to ensure minimum loss of production
- Machine designed for efficient fuel economy and low operating costs.



Technical specifications

	QE340
Hopper	
Width	2200mm / 86.5"
Length	4160mm / 164"
Capacity	7m ³ / 9.2yd ³
Type	Hydraulic folding
Feeder	
Width	1400mm / 55"
Type	Steel apron standard
Oversize conveyor	
Width	1200mm / 47"
Length (crs)	5200mm / 205"
Discharge height	3100mm / 122"
Drive drum Ø	273mm / 10.5"
Tail drum Ø	273mm / 10.5"
Side conveyor (midsize)	
Width	800mm / 31.5"
Length (crs)	7300mm / 287"
Discharge height	3000mm / 118"
Drive drum Ø	230mm / 9"
Tail drum Ø	230mm / 9"
Side conveyor (fines)	
Width	800mm / 31.5"
Length (crs)	7300mm / 287"
Discharge height	3000mm / 118"
Drive drum Ø	230mm / 9"
Tail drum Ø	230mm / 9"
Transfer conveyor	
Width	1200mm / 47"
Length (crs)	4300mm / 169"
Drive drum Ø	273mm / 10.5"
Tail drum Ø	273mm / 10.5"

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
 -30°C / -22F Arctic package
 Tropical / High ambient package
 Screening media

	QE340
Screenbox	
Screen top deck measure	4700x1446mm / 185x57"
Screen bottom deck measure	4200x1426mm / 165x56"
Variable screen angles	10 - 22°
Tracks	
Length (crs)	3310mm / 130"
Width	400mm / 16"
Power pack	
Engine power	75 kw 100 hp
Diesel tank size	230litre / 61USG
Hydraulic tank size	460litre / 122USG
General technical data	
Transport dimensions	
Length	14020mm / 46.0'
Width	3150mm / 10.3'
Height	3440mm / 11.3'
Operating dimensions	
Length	14410mm / 47.3'
Width	12960mm / 42.5'
Height	4250mm / 13.9'
Standard weight	28810kg / 63,500lbs
Performance	
Max feed size	600mm ³ / 24" ³
Capacity (up to)	350 MTPH / 385 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

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
 Belt feeder

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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