



QE241 SCALPING SCREEN PIONEERING SOLUTIONS FOR YOU

TECHNICAL SPECIFICATION

The QE241 is the most compact model in the Sandvik heavy duty scalper range and is designed to meet the requirements of smaller operators who need a high performing, versatile unit with a smaller operating footprint that is easy to transport.

We have designed the QE241 to suit your requirements and key features include a highly aggressive, heavy duty scalping screen featuring two decks that measure 3.35 x 1.24 m / 11 x 4' (4.3 m² / 44 sq ft), a jack-up facility for ease of maintenance & integrated hydraulically folding conveyors for quick set-up.

The unit comes complete with Sandvik's common push button control system with sequential start-up for ease of operation, two speed tracking for faster relocation between jobsites.

Capable of handling the toughest of applications and with a wide range of screening media available, our QE241 offers a versatile solution for screening quarry overburden, blasted rock, landfill mining, C&D waste, aggregates, slag heaps and topsoil.

KEY BENEFITS

- High performing, versatile scalper ideal for smaller operators.
- Class leading scalping area 4.3 m² / 44 sq ft.
- Easy-to-use control system with push buttons & sequential start-up.
- Reduced fuel consumption through optimised hydraulic system & reduced engine RPM
- Heavy duty crusher-type chassis designed to accommodate interchangeable side conveyors and compatible for 2-way or 3-way split configurations.
- Screenbox jack-up facility with easy access to bottom deck media.
- Massive stockpiling capability through integrated hydraulic conveyors.
- Wide variety of screen media available: mesh, punched plate, tines or grizzly.
- Easily transported from site to site, requiring no transport permits.
- Two speed tracking for faster relocation between jobsites.



KEY SPECIFICATIONS	QE241
Hopper	
Width	2360 mm / 7' 9"
Length	3800 mm / 12' 6"
Capacity	4.2 m ³ / 5.5 yd ³
Type	Rigid one-piece
Feeder	
Width	1000 mm / 39"
Type	Heavy duty plain belt
Oversize conveyor	
Width	1200 mm / 47"
Length (crs)	4860 mm / 15' 11"
Discharge height	3103 mm / 10' 2"
Angle	22°
Side conveyor (midsize)	
Width	650 mm / 26"
Length (crs)	8020 mm / 26' 3"
Discharge height	3645 mm / 11' 11"
Side conveyor (fines)	
Width	650 mm / 26"
Length (crs)	8015 mm / 26' 3"
Discharge height	3860 mm / 12' 8"
Transfer conveyor	
Width	1050 mm / 41"
Length (crs)	3000 mm / 9' 10"
Screen box	
Type	2 Bearing
Decks	2 Deck
Top deck	3352 x 1240 mm / 11' x 4'
Bottom deck	3090 x 1220 mm / 10' 1" x 4'

OPTIONS

Short hopper extensions for side loading
 Two full length hopper extensions for side loading
 Additional weld in hopper liners
 Screenbox walkway platforms (left & right)
 Side conveyor feedboot wear liners
 Canvas covers and brackets (fines & mids)
 Side conveyor spray bar kit (fines & mids)
 Mesh, punched plate, tines or grizzly on top deck
 Mesh on bottom deck
 Water pump inc spray bars (mids and fines)
 Arctic package -20°C (-4°F)
 Arctic package -30°C (-22°F)
 Two way split configuration
 Remote diesel pump

KEY SPECIFICATIONS	QE241
Tracks	
Length (crs)	2490 mm / 8' 2"
Width	400 mm / 16"
Power pack	
Engine type	CAT C3.4 55 kW / 74 hp Stage 3B / Tier 4 Final or CAT C4.4 74 kW / 100 hp Stage 3A / Tier 3
Diesel tank size	300 litres / 79 USG
Hydraulic tank size	280 litres / 74 USG
Transport dimensions	
Length	9.98 m / 32' 9"
Width	2.50 m / 8' 2"
Height	3.10 m / 10' 2"
Operating dimensions	
Length	12.23 m / 40' 1"
Width	14.20 m / 46' 8"
Height	3.90 m / 12' 10"
Standard weight	17,500 kg / 38,580 lbs
Performance	
Max feed size	400 mm ³ / 16"
Capacity (up to)	350 mtp/h / 386 stph
Travel speed	0.8 km/h / 0.5 mph slow 1.5 km/h / 0.9 mph fast
Max incline / Side to side	20° / 10°

Note. All weights and dimensions are for standard units only

Central autolube system
 Lighting mast assembly
 Pull cords on all conveyors
 Radio remote control