

SANDVIK

QE342 SCALPING SCREEN PIONEERING SOLUTIONS FOR YOU

TECHNICAL SPECIFICATION

The QE342 the latest evolution of our heavy duty, tracked mobile scalping screen. Designed to accommodate the latest emissions compliant engine, the new QE342 has been upgraded for improved service access, hydraulics and lighting.

Our goal of minimum user intervention means that we have focused on delivering huge stockpiling capacity, with ease of stockpile removal, uninhibited material flow and ability to handle the toughest of material with an apron feeder fitted as standard. The 16' x 5' / 4.70 x 1.50 m screen box is highly aggressive with 9 mm throw operating at over 1000 RPM. This ensures that even the most difficult materials can be handled effectively.

Whether it's working before or after a primary crusher or as a stand alone unit, the QE342 is designed to deliver high production with clean separation, the exceptional on-board conveyors ensure that the delivery is in harmony with the throughput. Applications include screening quarry overburden, blasted rock, landfill mining, C&D waste, aggregates, slag heaps, environmental clean-ups and topsoil/subsoil.

KEY BENEFITS

- Large spacious power pack to accommodate EU Stage 4, Stage 5 & Tier 4 Final emissions compliant engines
- User friendly control system with large display panel, simplified controls and additional functionality
- Optimized material flow with no bottle necks
- Heavy duty crusher-type chassis designed to accommodate interchangeable side conveyors and compatible for 2-way or 3-way split configurations.
- Large capacity wear resistant hopper with one-piece hopper design to minimize set-up time
- Optional hydraulically folding wing extensions for increased feed width
- Spacious and easily accessible hydraulically folding maintenance platforms fitted for ease of service.
- Highly flexible with the choice of different Sandvik screening media
- Massive stockpiling capability through integrated hydraulic conveyors
- Continuity with previous models and compatibility with QE441 ensures maximum uptime and optimization of spare and wear parts stock
- Two speed radio controlled tracks fitted as standard.
- Optional My Fleet remote monitoring system
- Hybrid drive option with electric plug in available to run in diesel or electric mode
- Galvanized ladders and walkways



KEY SPECIFICATIONS	QE441
Hopper	
Width	2574 mm / 8' 4"
Length	4160 mm / 13' 7"
Capacity	7.0 m ³ / 9.1 yd ³
Type	NEW rigid one-piece hopper
Feeder	
Width	1364 mm / 54"
Type	Steel apron standard
Oversize conveyor	
Width	1400 mm / 55"
Length (crs)	6270 mm / 27' 2"
Discharge height	4000 mm / 13' 1"
Angle adjustable	16° to 24°
Side conveyor (midsize)	
Width	800 mm / 32"
Length (crs)	8400 mm / 27' 7"
Discharge height	4059 mm / 13' 4"
Side conveyor (fines)	
Width	800 mm / 32"
Length (crs)	8270 mm / 27' 2"
Discharge height	4238 mm / 13' 11"
Transfer conveyor	
Width	1200 mm / 47"
Length (crs)	4300 mm / 14' 1"

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Screen box	
Type	2 Bearing
Decks	2 Deck
Top deck	4700 x 1446 mm / 15' 5" x 4' 9"
Bottom deck	4200 x 1426 mm / 13' 9" x 4' 8"
Variable screen angle	11° - 17°
Tracks	
Length	3310 mm / 10' 10"
Width	400 mm / 16"
Power pack	
Engine type	CAT C4.4 74.5 kW / 100 hp CAT C4.4 83 kW / 100 hp (Europeonly)
Diesel tank size	230 litres / 61 USG
Hydraulic tank size	460 litres / 122 USG
Transport dimensions	
Length	14.83 m / 48' 8"
Width	3.00 m / 9' 10"
Height	3.40 m / 11' 2"
Standard weight	29,580 kg / 65,215 lbs
Operating dimensions	
Length	15.44 m / 50' 8"
Width	14.55 m / 47' 9"
Height	4.48 m / 14' 8"
Performance	
Max feed size	600 mm ³ / 24"
Capacity (up to)	500 mtp ^h / 551 stph
Travel speed	1 km/h / 0.62 mph
Max incline / Side to side	20° / 10°

Note. All weights and dimensions are for standard units only

OPTIONS

Central auto lube (conveyors / screen)
 Remote diesel pump
 Water pump inc spray bars (mids and fines)
 -20°C (-4°F) Arctic package
 -30°C (-22°F) Arctic package
 Mesh on top deck
 Mesh on bottom deck
 Wear resistant liners in hopper and side conveyor feed boots
 Pull cords on all conveyors
 Canvas covers and brackets (mids and fines)
 Dust suppression spray bars (mids and fines)
 Lighting mast
 Punch plate on top deck
 Mesh, punch plate, tines or grizzly on top deck

Cascade fingers or mesh on bottom deck
 Belt feeder Two way split configuration Hopper extensions for rear loading
 Rear stabilising legs
 Speed wheel option kit
 Hybrid 50 HZ 415V / 65 kW (37 kW + 37 kW)
 My Fleet Remote Monitoring System