



QE441 SCALPING SCREEN PIONEERING SOLUTIONS FOR YOU

TECHNICAL SPECIFICATION

The QE441 is the largest heavy duty scalper in the Premium range of equipment. Designed for the serious aggregate producer, it has a large crusher-style chassis and is capable of handling the toughest of material in the harshest of environments.

Our QE441 can accept the most robust of infeed material and is best suited to your large quarrying, mining or recycling applications. Whether it's working before or after a primary crusher or as a stand-alone unit, the QE441 is designed to deliver high production with clean separation.

This solution now offers the user-friendly features of the 1-Series screens including an electrical control system which improves both operational effectiveness and machine safety. The QE441 also comes equipped with an apron feeder, reinforced hopper doors and impact bar lined overs conveyor all as standard.

KEY BENEFITS

- Highly efficient and easy-to-use electrical control system with colour coded numerical push buttons
- for ease of operation.
- Class leading total scalping area of 5.5 x 1.75m / 5 x 1.75m (18 x 6' / 16.5 x 6') 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 designed to accommodate interchangeable side conveyors and compatible for 2-way or 3-way split configurations
- User friendly control panel with sequential start-up for ease of operation
- 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
- Spacious and easily accessible hydraulically folding maintenance platforms fitted for ease of service
- Easily transported from site to site
- Radio controlled tracks fitted as standard
- Provides efficient fuel economy and lowest operating cost per tonne.



KEY SPECIFICATIONS	QE441
Hopper	
Capacity	8.5 m ³ / 11.1 yd ³
Type	One piece wear resistant construction
Feeder apron conveyor	
Gearbox ratio	15:1 ratio
Belt speed (adjustable)	17 m/min (max)
Oversize conveyor	
Width	1600 mm / 5' 5"
Discharge angle (adjustable)	18 to 25 degrees
Discharge height (adjustable)	3.60 m / 11' 10" - 4.30 m / 14' 1"
Drive drum Ø	289 mm / 11.5"
Tail drum Ø	273 mm / 10.5"
Side conveyor (midsized)	
Width	900 mm / 2' 11"
Discharge angle (adjustable)	18 - 25 degrees
Discharge height (adjustable)	4000 mm / 13' 1"
Drive drum Ø	232 mm / 9.1"
Tail drum Ø	216 mm / 8.5"
Side conveyor (fines)	
Width	1000 mm / 3' 3"
Discharge angle (adjustable)	20 to 25 degrees
Discharge height (adjustable)	4286 mm / 14' 1"
Drive drum Ø	232 mm / 9.1"
Tail drum Ø	216 mm / 8.5"
Transfer conveyor	
Width	1400 mm / 4' 7"
Drive drum Ø	289 mm / 11.5"
Tail drum Ø	273 mm / 10.5"

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Screenbox	
Screen top deck measure	5480 mm x 1750 mm / 18' x 6'
Screen bottom deck measure	5000 mm x 1750 mm / 16' 5" x 6'
Variable screen angles	11 - 17 degrees
Tracks	
Length	3800 mm / 12' 5"
Width	500 mm / 19.5"
Power pack	
Engine type	CAT C4.4 Acert 96kw / 129hp
Diesel tank size	460 litre / 121.5 USG
Hydraulic tank size	800 litre / 211 USG
Transport dimensions	
Length	16.34 m / 53' 7"
Width	3.20 m / 10' 6"
Height	3.50 m / 11' 6"
Operating dimensions	
Length	16.82 m / 55' 2"
Width	14.55 m / 47' 9"
Height	4.67 m / 15' 4"
Standard weight	37,070 kg / 81,725 lbs
Performance	
Max feed size	800 mm ³ / 32"
Capacity (up to)	900 MTPH / 992 STPH
Travel speed	0.9K/H / 0.55 MPH
Max slope climbing	20°
Max slope side to side	10°

Note. All weights and dimensions are for standard units only

OPTIONS

Hopper extensions
 Central auto lube (conveyors / screen)
 Dust suppression spray bars complete with hosing (middle grade and fines conveyor)
 Remote diesel pump
 Water pump inc spray bars (middle grade and fines conveyor)
 -20°C (-4°F) Arctic package
 -30°C (-22°F) Arctic package
 Mesh on top deck
 Wear resistant liners in both side conveyor feed boots
 Canvas covers and brackets (middle grade conveyor)
 Canvas covers and brackets (fines conveyor)
 Pull cords on conveyors
 Lighting mast

Punch plate on top deck
 Heavy duty tines on top deck
 Cascade fingers on bottom deck