



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 1.75 m / 5 x 1.75 m (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
- Feeder load sensing facility to prevent blockages and unnecessary downtime
- Different applications catered for through Sandvik screening media
- 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 two speed 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 / 63" |
| Discharge angle (adjustable) | 18° to 25° |
| 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 / 36" |
| Discharge angle (adjustable) | 18° to 25° |
| 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 / 39" |
| Discharge angle (adjustable) | 20° to 25° |
| 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" |

| KEY SPECIFICATIONS | QE441 |
|-----------------------------------|---|
| Screen box | |
| Top deck | 5480 mm x 1750 mm / 18' x 6' |
| Bottom deck | 5000 mm x 1750 mm / 16' 5" x 6' |
| Variable screen angles | 11° to 17° |
| Tracks | |
| Length | 3800 mm / 12' 5" |
| Width | 500 mm / 20" |
| Power pack | |
| Engine type | CAT C4.4 Acert 96 kw / 129 hp |
| Diesel tank size | 460 litres / 121.5 USG |
| Hydraulic tank size | 800 litres / 211 USG |
| Transport dimensions | |
| Length | 16.33 m / 53' 7" |
| Width | 3.20 m / 10' 6" |
| Height | 3.50 m / 11' 6" |
| Operating dimensions | |
| Length | 16.82 m / 55' 2" |
| Width | 14.56 m / 47' 9" |
| Height | 4.68 m / 15' 4" |
| Standard weight | 37,070 kg / 81,725 lbs |
| Performance | |
| Max feed size | 800 mm ³ / 32" |
| Capacity (up to) | 900 mtp ^h / 992 stph |
| Travel speed | 0.9 km/h / 0.55 mph slow 1.6 km/h / 1.0 mph fast |
| Max slope climbing / side to side | 20° / 10° |

Note. All weights and dimensions are for standard units only

OPTIONS

Hopper extensions for rear loading
 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
 Speed wheel option kit
 Wear resistant liners in both side conveyor feed boots
 Additional hopper wear resistant liners
 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
 Impact plate
 Bofar steel grizzly on top deck
 Mesh on top deck
 Mesh on bottom deck