



QE442 SCALPING SCREEN PIONEERING SOLUTIONS FOR YOU

TECHNICAL SPECIFICATION

The QE442 is the largest heavy duty model in our mobile scalper range. Designed for the serious aggregate producer, it has been upgraded to incorporate many product refinements for improved plant durability, efficiency, quicker set-up and reduced cost of ownership. This includes a new redesigned screen box to further strengthen longevity and reliability in arduous applications.

Our QE442 can accept high volumes 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 QE442 is designed to deliver high production with clean separation.

This solution now offers the user-friendly features of the 2-Series screens including an electrical control system which improves both operational effectiveness and machine safety. Its redesigned powerpack enables easier access for service and through extended hydraulic fluid change intervals from 2000hrs to 4000hrs, the QE442 offers reduced cost of ownership.

The QE442 also comes equipped with a choice of apron or belt feeder, reinforced hopper doors and impact bar lined overs conveyor all as standard. conveyor all as standard.

KEY BENEFITS

- Large spacious power pack redesigned to accommodate EU Stage 4, Stage 5 and Tier 4 Final emissions engine.
- User friendly control system with large display panel, simplified controls and additional functionality.
- Large capacity wear resistant hopper with one-piece hopper design to minimize set-up time.
- Heavy duty crusher-type chassis designed to accommodate interchangeable side conveyors and compatible for 2-way or 3-way split configurations.
- Spacious and easily accessible hydraulically folding maintenance platforms fitted for ease of service.
- Highly flexible with the choice of different Sandvik screening media.
- Feeder load sensing facility to prevent blockages and unnecessary downtime.
- Massive stockpiling capability through integrated hydraulic conveyors.
- Hybrid drive option with electric plug in available to run in diesel or electric mode.
- Radio controlled two speed tracks fitted as standard.
- Galvanized ladders and maintenance platforms for improved durability.
- Provides efficient fuel economy and lowest operating cost per tonne.
- My Fleet remote monitoring system.



KEY SPECIFICATIONS	QE442
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)	3600 mm / 11' 10" - 4300 mm / 14' 1"
Side conveyor (midsized)	
Width	900 mm / 36"
Discharge angle (adjustable)	18° to 25°
Discharge height (adjustable)	4000 mm / 13' 1"
Side conveyor (fines)	
Width	1000 mm / 39"
Discharge angle (adjustable)	20° to 25°
Discharge height (adjustable)	4286 mm / 14' 1"
Transfer conveyor	
Width	1400 mm / 4' 7"

KEY SPECIFICATIONS	QE442
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	CAT C4.4 Tier 3 96 kW / 129 hp CAT C4.4 Stage 3A Constant Speed 98 kW / 132 hp CAT C4.4 T4F 98 kW / 132 hp CAT C4.4 Stage 5 / T4F 110 kW / 147 hp
Diesel tank size	460 litres / 121.5 USG
Hydraulic tank size	800 litres / 211 USG
Transport dimensions	
Length	16,330 mm / 53' 7"
Width	3200 mm / 10' 6"
Height	3500 mm / 11' 6"
Standard weight	37,070 kg / 81,725 lbs
Operating dimensions	
Length	16,820 mm / 55' 2"
Width	14,560 mm / 47' 9"
Height	4680 mm / 15' 4"
Performance	
Max feed size	800 mm ³ / 28" *
Capacity (up to)	900 mtph / 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

STANDARD SPECIFICATION

Lighting mast and cabinet lights
Radio control tracks 2 speed
Hydraulic folding maintenance platforms
Stabilizing legs
Wear resistant liners in hopper and both side conveyor feed boots
Toughflex belt (with belt feeder)
Variable speed feeder
3 hydraulic folding conveyors
Heavy duty bearings
My Fleet telematics

*For option availability please contact your local Sandvik representative.