



# 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 engines, 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 with highly aggressive throw 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 and 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 chassis features reversible side conveyors and compatible for 2-way or 3-way split operation.
- 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.
- My Fleet remote monitoring system.
- Hybrid drive option with electric plug in available to run in diesel or electric mode.
- Galvanized ladders and maintenance platforms.
- Two speed radio-controlled tracks fitted as standard.



KEY SPECIFICATIONS	QE342
<b>Hopper</b>	
Width	2574 mm / 8' 4"
Length	4160 mm / 13' 7"
Capacity	7.0 m <sup>3</sup> / 9.1 yd <sup>3</sup>
Type	Rigid one-piece hopper
<b>Feeder</b>	
Width	1364 mm / 54"
Type	Steel apron
<b>Oversize conveyor</b>	
Width	1400 mm / 55"
Length (crs)	6270 mm / 27' 2"
Discharge height	4000 mm / 13' 1"
Angle adjustable	16° to 24°
<b>Side conveyor (midsize)</b>	
Width	800 mm / 32"
Discharge height	4092 mm / 13' 5"
<b>Side conveyor (fines)</b>	
Width	800 mm / 32"
Discharge height	4302 mm / 13' 12"
<b>Transfer conveyor</b>	
Width	1200 mm / 47"

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<b>Screenbox</b>	
Type	2 Bearing
Decks	2 Deck
Top deck	4700 mm x 1450 mm / 15' 5" x 4' 9" (6.8m <sup>2</sup> )
Bottom deck	4200 mm x 1430 mm / 13' 9" x 4' 8" (6.0m <sup>2</sup> )
Variable screen angle	11° - 17°
<b>Tracks</b>	
Length	3310 mm / 10' 10"
Width	400 mm / 16"
<b>Power pack</b>	
Engine	CAT C4.4 Tier 3 74.5 kW / 100 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 98 kW / 132 hp
Diesel tank size	300 litres / 80 USG
Hydraulic tank size	400 litres / 106 USG
<b>Transport dimensions</b>	
Length	14,830 mm / 48' 8"
Width	3000 mm / 9' 10"
Height	3400 mm / 11' 2"
Standard weight	29,580 kg / 65,215 lbs
<b>Operating dimensions</b>	
Length	15,440 mm / 50' 8"
Width	14,550 mm / 47' 9"
Height	4480 mm / 14' 8"
<b>Performance</b>	
Max feed size	600 mm <sup>3</sup> / 24"
Capacity (up to)	500 mtph / 551 stph
Max incline / Side to side	20° / 10°

Note. All weights and dimensions are for standard units only

## STANDARD FEATURES

Light mast and cabinet lights  
Variable speed feed conveyor\*\*\*\*  
Hydraulic Folding walkways  
3 Hydraulic folding discharge conveyors  
Radio control tracks 2 speed  
Screen box maintenance platforms  
Stabilizing legs\*\*\*  
Toughflex belt\*\*\*\*  
My Fleet telematics

\*For option availability please check with your local Sandvik sales representative.

\*\*\*Standard on Hybrid powerpacks only.

\*\*\*\*Standard with belt feeder.