



# SANDVIK QE342 MOBILE SCALPER

## TECHNICAL SPECIFICATION

The QE342 heavy duty, tracked mobile scalping screen is designed to meet the requirements of operators who need a high performing, versatile unit that is easy to operate and transport.

### KEY BENEFITS

<b>Reliability</b>	<ul style="list-style-type: none"><li>- Premium components selected throughout for maximum durability</li><li>- Proven reliability and high performance</li><li>- Capable of operating in the most hostile environments</li><li>- Heavy duty chassis designed to accommodate interchangeable side conveyors and compatible for 2-way or 3-way split configurations</li><li>- Large capacity wear resistant hopper with one-piece hopper design to minimize set-up time</li><li>- Feeder load sensing facility to prevent blockages and unnecessary downtime</li></ul>
<b>Productivity</b>	<ul style="list-style-type: none"><li>- Class leading open scalping area enabling it to deliver enormous rates of production</li><li>- Heavy duty 16' x 5' / 4.70 x 1.50 m screen box with high speed and aggressive throw for optimum throughput</li><li>- Large stockpiling capability through integrated hydraulic conveyors</li><li>- User friendly PLC control system with sequential start-stop for speed and ease of set-up</li><li>- Choice of screen media to suit a wide range of applications</li><li>- Interchangeable side conveyors, which are compatible for 2-way or 3-way split operation</li></ul>
<b>Cost of ownership</b>	<ul style="list-style-type: none"><li>- Latest generation fuel efficient engines provide maximum performance and cost efficiency</li><li>- Reduced fuel consumption through optimized hydraulic system and reduced engine RPM</li><li>- Well-proportioned fuel tank to maximize intervals between refueling</li><li>- Reduced cost of ownership through extended hydraulic fluid change intervals from 2000 hrs to 4000 hrs</li><li>- Hybrid drive option with electric plug-in to run in diesel or electric mode</li></ul>
<b>Safety</b>	<ul style="list-style-type: none"><li>- Mandatory audible and visual warning for safe operation whilst tracking and start-up / shut down</li><li>- Emergency stop buttons and conveyor pull stop cords around the plant for easy access during operation</li><li>- Wireless radio handset and two speed control for safe tracking onsite</li><li>- Hydraulically folding maintenance platforms provide safe access for service and maintenance</li><li>- Screen box jack up facility allows safe and easy access to the bottom deck for maintenance and media changes</li><li>- Lower environmental impact due to reduced fuel consumption, less operating noise and low emissions</li></ul>
<b>Support</b>	<ul style="list-style-type: none"><li>- Connected to Sandvik My Fleet with 7 year data subscription. Benefits include 24/7 fleet management, geo-fencing and remote operator support</li><li>- Extensive global distributor and sales support network</li><li>- Global aftermarket support, with standard stock parts to ensure minimum loss of production</li></ul>





KEY SPECIFICATIONS	QE342
<b>Hopper</b>	
Width	2.57 m / 8' 4"
Length	4.16 m / 13' 7"
Capacity	7.0 m <sup>3</sup> / 9.1 yd <sup>3</sup>
Type	Rigid one-piece hopper
<b>Feeder</b>	
Type	Steel apron or heavy duty belt
Width	1.36 m / 54"
<b>Oversize conveyor</b>	
Width	1.40 m / 55"
Length (crs)	6.27 m / 27' 2"
Discharge height	4.00 m / 13' 1"
Angle adjustable	16° to 24°
<b>Side conveyor (midsize)</b>	
Width	800 mm / 32"
Discharge height	4.09 m / 13' 5"
<b>Side conveyor (fines)</b>	
Width	800 mm / 32"
Discharge height	4.30 m / 13' 12"
<b>Transfer conveyor</b>	
Width	1.20 m / 47"

## STANDARD SPECIFICATION

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

\*\*\*Standard on Hybrid powerpacks only

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

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<b>Screen box</b>	
Type	2 bearing
Decks	2 deck
Top deck	4.70 m x 1.45 m / 15' 5" x 4' 9" (6.8m <sup>2</sup> )
Bottom deck	4.20 m x 1.43 m / 13' 9" x 4' 8" (6.0m <sup>2</sup> )
Variable screen angle	11° - 17°
<b>Tracks</b>	
Length (centres)	3.31 m / 10' 10"
Width (shoe)	400 mm / 16"
Control	Radio / Umbilical
<b>Power pack</b>	
Engine	CAT C4.4 Stage 5 / T4F 98 kW / 132 hp CAT C4.4 Stage 3A Constant Speed 98 kW / 132 hp
Diesel tank size	300 litres / 80 USG
Hydraulic tank size	400 litres / 106 USG
<b>Transport dimensions</b>	
Length	14.83 m / 48' 8"
Width	3.00 m / 9' 10"
Height	3.40 m / 11' 2"
Standard weight	28,197 kg / 62,163 lbs
<b>Operating dimensions</b>	
Length	15.44 m / 50' 8"
Width	14.55 m / 47' 9"
Height	4.48 m / 14' 8"
<b>Performance</b>	
Max feed size	600 mm <sup>3</sup> / 24"
Capacity (up to)	500 mtp / 551 stph *
Travel speed	0.8 km/h / 0.5 mph slow 1.5 km/h / 0.0 mph fast
Max incline / Side to side	20° / 10°

Note. All weights and dimensions are for standard units only

For option availability please speak with your local Sandvik representative

\* Application specific. Please contact a Sandvik representative for clarification on specifications and options  
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