



# SANDVIK QE141 MOBILE SCALPER

## TECHNICAL SPECIFICATION

**The QE141 is the evolution of the world's first revolutionary track mounted mobile scalper. It is an extremely versatile and reliable compact scalping, screening and stockpiling machine.**

### KEY BENEFITS

<b>Reliability</b>	<ul style="list-style-type: none"><li>- Premium components selected throughout and FEA analysis on structural parts for durability</li><li>- Proven reliability and high performance</li><li>- Capable of operating in the most hostile environments</li></ul>
<b>Productivity</b>	<ul style="list-style-type: none"><li>- Heavy duty double deck vibrating grid (125 mm / 5" ) grizzly spacing</li><li>- Versatile, mobile scalper ideal for quarry operators or contractors in need of a compact, reliable and truly mobile solution</li><li>- Multipurpose machine capable of scalping large infeed materials, yet also double as a fine grading screen for a wide range of materials including topsoil, waste and crusher run</li><li>- Maximum productivity assured through independent feeder and discharge conveyor</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></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></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 opening side doors and powerpack swing out facility for ease of maintenance</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		QE141
<b>Hopper</b>		
Width		2.44 m / 8'
Length		3.66 m / 12'
Grid open area		2.20 m x 3.20 m / 7' 2" x 10' 6"
Grid area with sides raised		2.20 m x 4.20 m / 7' 2" x 13' 9"
Vibrating grid max tipping angle		34°
<b>Feeder</b>		
Type		Belt
Width		1.20 m / 47"
<b>Main conveyor</b>		
Width		1.00 m / 39"
Discharge angle (adjustable)		22°
Discharge height		3.15 m / 10' 4"
Belt Speed		140 m/min

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<b>Tracks</b>		
Length (centres)		2.92 m / 9' 7"
Width (shoe)		500 mm / 20"
Control		Radio / Umbilical
<b>Power pack</b>		
Engine		CAT C2.8 Stage 5 / T4F 55 kW / 74 hp CAT C3.4 T4F 55 kW / 74 hp CAT C2.8 Stage 3A LRC * 55 kW / 74 hp
Diesel tank size		150 litres / 40 USG
Hydraulic tank size		450 litres / 119 USG
<b>Transport dimensions</b>		
Length		8.69 m / 28' 6"
Width		2.70 m / 8' 10"
Height		3.16 m / 10' 4"
Standard weight		19,917 kg / 43,909 lbs
<b>Operating dimensions</b>		
Length		1.15 m / 37' 10"
Width		2.73 m / 8' 11"
Height		3.44 m / 11' 4"
<b>Performance</b>		
Max feed size		700 mm <sup>3</sup> / 28"
Capacity (up to)		400 mtph / 441 stph **
Travel speed		1 km/h / 0.62 mph
Max incline / Side to side		20° / 10°

Note. All weights and dimensions are for standard units only  
\* Lesser Regulated Countries

## STANDARD SPECIFICATION

Light mast and cabinet lights  
Radio control tracks 2 speed  
Double deck vibrating grid  
Wear resistant hopper liners  
My Fleet telematics  
Pull stop cords on side conveyors

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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