



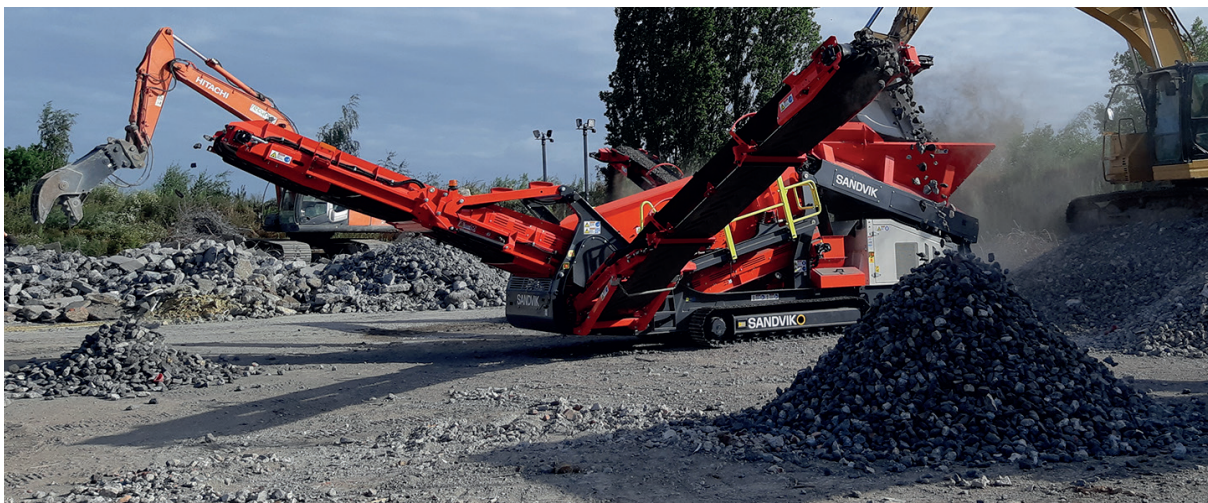
# SANDVIK QE241 MOBILE SCALPER

## TECHNICAL SPECIFICATION

The QE241 is the most compact model in the Sandvik range and is designed to meet the requirements of smaller operators who need a high performing, versatile unit with a smaller operating footprint that is easy to 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></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 11' x 4' / 3.35 x 1.24 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><li>- Quick to set-up and easy to transport, resulting in more uptime and higher productivity</li><li>- Connected to Sandvik My Fleet with 7 year data subscription offering 24/7 fleet management, geo-fencing and remote operator support</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></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>- 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></ul>
<b>Sustainability</b>	<ul style="list-style-type: none"><li>- Latest emissions compliant engine lowers environmental impact due to reduced fuel consumption, less operating noise and low emissions</li><li>- 50 % hydraulic fluid saving with extended service interval from 2,000 to 4,000 hours</li></ul>





KEY SPECIFICATIONS	QE241
<b>Hopper</b>	
Width	2360 mm / 7' 9"
Length	3800 mm / 12' 6"
Capacity	4.2 m <sup>3</sup> / 5.5 yd <sup>3</sup>
Type	Rigid one-piece
<b>Feeder</b>	
Type	Heavy duty plain belt
Width	1000 mm / 39"
<b>Oversize conveyor</b>	
Width	1200 mm / 47"
Discharge height	3100 mm / 10' 2"
<b>Side conveyor (midsized)</b>	
Width	650 mm / 26"
Discharge height	3640 mm / 11' 11"
<b>Side conveyor (fines)</b>	
Width	650 mm / 26"
Discharge height	3860 mm / 12' 8"
<b>Transfer conveyor</b>	
Width	1050 mm / 41"
<b>Screen box</b>	
Type	2 bearing
Decks	2 deck
Top deck	3350 mm x 1240 mm / 11' x 4'
Bottom deck	3090 mm x 1220 mm / 10' 1" x 4'

KEY SPECIFICATIONS	QE241
<b>Tracks</b>	
Length (centres)	2490 mm / 8' 2"
Width (shoe)	400 mm / 16"
Control	Radio / Umbilical
<b>Power pack</b>	
Engine type	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	300 litres / 79 USG
Hydraulic tank size	280 litres / 74 USG
<b>Transport dimensions</b>	
Length	9.99 m / 32' 8"
Width	2.50 m / 8' 2"
Height	3.10 m / 10' 2"
Standard weight	18,559 kg / 40,915 lbs
<b>Operating dimensions</b>	
Length	12.23 m / 40' 1"
Width	14.20 m / 46' 8"
Height	3.90 m / 12' 10"
<b>Performance</b>	
Max feed size	400 mm <sup>3</sup> / 16"
Capacity (up to)	350 mtp <sup>h</sup> / 386 stph **
Travel speed	0.8 km/h / 0.5 mph slow 1.5 km/h / 0.9 mph fast
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  
Screen walkway platforms  
Toughflex belt  
Variable speed feed conveyor  
3 hydraulic folding discharge conveyors  
My Fleet telematics

For option availability please speak with your local Sandvik representative

\*\* Application specific. Please contact a Sandvik representative for clarification on specifications and options  
Sandvik reserves the right to make changes to the information on this data sheet without prior notification to users

ROCKPROCESSING.SANDVIK