

Sandvik QE141

Tracked scalper

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

Reliability

- Premium components selected throughout and FEA analysis on structural parts for durability
- Proven reliability and high performance
- Capable of operating in the most hostile environments

Productivity

- Heavy duty double deck vibrating grid (125 mm / 5") grizzly spacing
- Versatile, mobile scalper ideal for quarry operators or contractors in need of a compact, reliable and truly mobile solution
- 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
- Maximum productivity assured through independent feeder and discharge conveyor
- User friendly PLC control system with sequential start-stop for speed and ease of set-up
- Choice of screen media to suit a wide range of applications
- Quick to set-up and easy to transport, resulting in more uptime and higher productivity
- Connected to Sandvik My Fleet with 7 year data subscription offering 24/7 fleet management, geo-fencing and remote operator support

Cost of ownership

- Latest generation fuel efficient engines provide maximum performance and cost efficiency
- Reduced fuel consumption through optimized hydraulic system and reduced engine RPM
- Well-proportioned fuel tank to maximize intervals between refueling
- Reduced cost of ownership through extended hydraulic fluid change intervals from 2000 hrs to 4000 hrs

Safety

- Mandatory audible and visual warning for safe operation whilst tracking and start-up / shut down
- Emergency stop buttons and conveyor pull stop cords around the plant for easy access during operation
- Wireless radio handset and two speed control for safe tracking onsite
- Hydraulically opening side doors and powerpack swing out facility for ease of maintenance

Sustainability

- Latest emissions compliant engine lowers environmental impact due to reduced fuel consumption, less operating noise and low emissions
- 50% hydraulic fluid saving with extended service interval from 2,000 to 4,000 hours

Technical specification

Key specifications	QE141
Hopper	
Width	2.44 m / 8'
Length	3.66 m / 12'
Grid open area	2.2 m x 3.2 m / 7' 2" x 10' 6"
Grid area with sides raised	2.2 m x 4.2 m / 7' 2" x 13' 9"
Vibrating grid max tipping angle	34°
Feeder	
Type	Belt
Width	1200 mm / 47"
Main conveyor	
Width	1000 mm / 39"
Discharge angle (adjustable)	22°
Discharge height	3.15 m / 10' 4"
Belt speed	140 m/min

Key specifications	QE141
Tracks	
Length (centres)	2.92 m / 9' 7"
Width (shoe)	500 mm / 20"
Control	Radio / Umbilical
Power pack	
Engine	CAT C2.8 Stage 5 / 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
Transport dimensions	
Length	8.69 m / 28' 6"
Width	2.70 m / 8' 10"
Height	3.16 m / 10' 4"
Standard weight	20,325 kg / 44,808 lbs
Operating dimensions	
Length	11.52 m / 37' 10"
Width	2.73 m / 8' 11"
Height	3.44 m / 11' 4"
Performance	
Max feed size	700 mm ³ / 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
- Pull stop cords on side conveyors
- My Fleet telematics with 7 year data subscription

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