



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

| | |
|-------------------|---|
| Reliability | <ul style="list-style-type: none">- 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 | <ul style="list-style-type: none">- 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 | <ul style="list-style-type: none">- 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 | <ul style="list-style-type: none">- 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 | <ul style="list-style-type: none">- 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 |





| KEY SPECIFICATIONS | QE141 |
|----------------------------------|------------------------------------|
| Hopper | |
| Width | 2440 mm / 8' |
| Length | 3660 mm / 12' |
| Grid open area | 2200 mm x 3200 mm / 7' 2" x 10' 6" |
| Grid area with sides raised | 2200 mm x 4200 mm / 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 | 3150 mm / 10' 4" |
| Belt Speed | 140 m/min |

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|-----------------------------|--|
| Tracks | |
| Length (centres) | 2920 mm / 9' 7" |
| Width (shoe) | 500 mm / 20" |
| Control | Radio / Umbilical |
| Power pack | |
| 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 * |
| 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
- 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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