



QE141 SCALPING SCREEN PIONEERING SOLUTIONS FOR YOU

TECHNICAL SPECIFICATION

The QE141 is the latest version of the world's first revolutionary track mounted scalper.

Designed as a multipurpose machine, the QE141 can process large infeed materials, yet also double as a fine grading screen for a wide range of materials including topsoil, waste and crusher run.

Powered by a fuel efficient, low revving CAT engine it is fitted with a heavy duty double deck vibrating grid and can be fed easily by a wheel loader, excavator, grab or a crusher.

The QE141 is one of the most versatile, user-friendly mobile scalpers on the market and its multipurpose design makes it ideal for quarry operators or contractors in need of a compact, reliable and truly mobile solution to their screening requirements.

KEY BENEFITS

- Massive stockpiling capability.
- Independent feeder and main conveyor drives.
- User-friendly colour-coded control panel with sequential start up for ease of operation.
- Hydraulically opening side doors and powerpack swing out facility for ease of maintenance.
- Easy-to-use control system with push buttons and sequential start-up.
- Reduced fuel consumption through optimized hydraulic system and reduced engine RPM.
- 2- speed radio remote control tracking and tipping grid functions.
- Easily transported and manoeuvred with minimal set-up time.
- Fully compliant with the latest safety regulations.
- Fitted with My Fleet remote monitoring system as standard for live monitoring of plant, hours, location, etc.



KEY SPECIFICATIONS	QE141
Hopper	
Width	2440 mm / 8'
Length	3660 mm / 12'
Grid open area	2200 x 3200 mm / 7' 2" x 10' 6"
Grid area with sides raised	2200 x 4200 mm / 7' 2" x 13' 9"
Vibrating grid max tipping angle	34°
Feed conveyor belt	
Width	1200 mm / 47"
Type	Belt
Main conveyor	
Width	1000 mm / 39"
Discharge angle (adjustable)	22°
Discharge height	3158 mm / 10' 4"
Belt Speed	140 m/min

KEY SPECIFICATIONS	QE141
Tracks	
Length (crs)	2920 mm / 9' 7"
Width	500 mm / 20"
Power pack	
Engine	CAT C4.4 Tier 3 74.5 kW / 100 hp CAT C3.4 T4F 55 kW / 74 hp CAT C2.8 Stage 5 / T4F 55 kW / 74 hp
Diesel tank size	150 litres / 40 USG
Hydraulic tank size	450 litres / 119 USG
Transport dimensions	
Length	8.78 m / 28' 10"
Width	2.70 m / 8' 10"
Height	3.10 m / 10' 2"
Standard weight	19,500 kg / 42,990 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

STANDARD SPECIFICATION

Light mast and cabinet lights
Double deck vibrating grid
Radio control tracking 2 speed
My Fleet telematics

*For option availability please speak with your local Sandvik representative.