



# 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 scalp 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 "bullet-proof" 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
- Radio remote control tracking and tipping grid functions
- Easily transported and manoeuvred with minimal set-up time
- Fully compliant with the latest safety regulations



KEY SPECIFICATIONS	QE141
<b>Hopper</b>	
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°
<b>Feed conveyor belt</b>	
Width	1200 mm / 47"
Type	Belt
Total length (crs)	3699 mm / 12' 1"
Motor	125 cc
Gear box ratio	R 26:1
Head drum Ø	332 mm / 13"
Tail drum Ø	270 mm / 10.5"
<b>Main conveyor</b>	
Width	1000 mm / 39"
Length (crs)	6634 mm / 21' 9"
Drive drum Ø	282 mm / 11"
Discharge Angle (adjustable)	22°
Motor	490 cc
Discharge Height	3158 mm / 10' 4"
Tail drum Ø	270 mm / 10.5"
Belt Speed	140 m/min

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<b>Tracks</b>	
Length (crs)	2920 mm / 9' 7"
Width	500 mm / 20"
<b>Power pack</b>	
Engine type	C4.4 74.5 kW / 100 hp
Diesel tank size	150 litres / 40 USG
Hydraulic tank size	450 litres / 119 USG
<b>Transport dimensions</b>	
Length	8.78 m / 28' 10"
Width	2.70 m / 8' 10"
Height	3.10 m / 10' 2"
<b>Operating dimensions</b>	
Length	11.52 m / 37' 10"
Width	2.73 m / 8' 11"
Height	3.44 m / 11' 4"
Standard weight	20,000 kg / 44,092 lbs
<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

## OPTIONS

- Wear resistant hopper liners
- Vibrating grid wing extensions
- Pull cords on the main conveyor
- Water pump (hydraulic)
- Canvas covers inc spray nozzles
- Lighting mast
- Remote diesel pump
- Arctic package -20°C (-4°F)
- Arctic package -30°C (-22°F)
- 2m Extended main conveyor
- Track protection plate on discharge side