



SANDVIK QE342 MOBILE SCALPER

TECHNICAL SPECIFICATION

The QE342 heavy duty, tracked mobile scalping screen is designed to meet the requirements of operators who need a high performing, versatile unit that is easy to operate and transport.

KEY BENEFITS

| | |
|--------------------------|--|
| Reliability | <ul style="list-style-type: none">- Premium components selected throughout for maximum durability- Proven reliability and high performance- Capable of operating in the most hostile environments- Heavy duty chassis designed to accommodate interchangeable side conveyors and compatible for 2-way or 3-way split configurations- Large capacity wear resistant hopper with one-piece hopper design to minimize set-up time- Feeder load sensing facility to prevent blockages and unnecessary downtime |
| Productivity | <ul style="list-style-type: none">- Class leading open scalping area enabling it to deliver enormous rates of production- Heavy duty 16' x 5' / 4.70 x 1.50 m screen box with high speed and aggressive throw for optimum throughput- Large stockpiling capability through integrated hydraulic conveyors- 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- Interchangeable side conveyors, which are compatible for 2-way or 3-way split operation- 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- Hybrid "e" drive option with electric plug-in to run in diesel or electric mode for lower operating costs |
| 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 folding maintenance platforms provide safe access for service and maintenance- Screen box jack up facility allows safe and easy access to the bottom deck for maintenance and media changes |
| 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- Hybrid "e" drive option reduces carbon emissions and minimizes fuel handling onsite |





| KEY SPECIFICATIONS | QE342 |
|--------------------------------|--|
| Hopper | |
| Width | 2.57 m / 8' 4" |
| Length | 4.16 m / 13' 7" |
| Capacity | 7.0 m ³ / 9.1 yd ³ |
| Type | Rigid one-piece hopper |
| Feeder | |
| Type | Steel apron or heavy duty belt |
| Width | 1360 mm / 54" |
| Oversize conveyor | |
| Width | 1400 mm / 55" |
| Length (crs) | 6.27 m / 27' 2" |
| Discharge height | 4 m / 13' 1" |
| Angle adjustable | 16° to 24° |
| Side conveyor (midsize) | |
| Width | 800 mm / 32" |
| Discharge height | 4.09 m / 13' 5" |
| Side conveyor (fines) | |
| Width | 800 mm / 32" |
| Discharge height | 4.3 m / 13' 12" |
| Transfer conveyor | |
| Width | 1200 mm / 47" |

STANDARD SPECIFICATION

Light mast and cabinet lights
 Radio control tracks 2 speed
 Hydraulic folding walkways
 Stabilizing legs***
 Screen box maintenance platforms
 Toughflex belt****
 Variable speed feed conveyor****
 3 hydraulic folding discharge conveyors
 Variable speed feed conveyor
 Wear resistant liners in conveyor feed boots
 Dust suppression spray bars
 My Fleet telematics with 7 year data subscription

***Standard on Hybrid powerpacks only

****Standard with belt feeder

| KEY SPECIFICATIONS | QE342 |
|-----------------------------|---|
| Screen box | |
| Type | 2 bearing |
| Decks | 2 deck |
| Top deck | 4.7 m x 1.45 m / 15' 5" x 4' 9" (6.8m ²) |
| Bottom deck | 4.2 m x 1.43 m / 13' 9" x 4' 8" (6.0m ²) |
| Variable screen angle | 11° - 17° |
| Tracks | |
| Length (centres) | 3.31 m / 10' 10" |
| Width (shoe) | 400 mm / 16" |
| Control | Radio / Umbilical |
| Power pack | |
| Engine | CAT C4.4 Stage 5 / T4F 98 kW / 132 hp CAT C4.4 Stage 3A Constant Speed 98 kW / 132 hp CAT NR4 (China) 110 kW / 147 hp JCB Stage 5 97 kW 130 hp JCB T4F 93 kW / 125 hp JCB 3A ROW 97 kW / 130 hp |
| Diesel tank size | 300 litres / 80 USG |
| Hydraulic tank size | 400 litres / 106 USG |
| Transport dimensions | |
| Length | 14.83 m / 48' 8" |
| Width | 3.00 m / 9' 10" |
| Height | 3.40 m / 11' 2" |
| Standard weight | 28,567 kg / 62,979 lbs |
| Operating dimensions | |
| Length | 15.44 m / 50' 8" |
| Width | 14.55 m / 47' 9" |
| Height | 4.48 m / 14' 8" |
| Performance | |
| Max feed size | 600 mm ³ / 24" |
| Capacity (up to) | 500 mtp ³ / 551 stph * |
| Travel speed | 0.8 km/h / 0.5 mph slow 1.5 km/h / 0.0 mph fast |
| Max incline / Side to side | 20° / 10° |

Note. All weights and dimensions are for standard units only

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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