The QE342 the latest evolution of our heavy duty, tracked mobile scalping screen. Designed to accommodate the latest emissions compliant engine, the new QE342 has been upgraded for improved service access, hydraulics and lighting.

Our goal of minimum user intervention means that we have focused on delivering huge stockpiling capacity, with ease of stockpile removal, uninhibited material flow and ability to handle the toughest of material with an apron feeder fitted as standard. The 16’ x 5’ / 4.70 x 1.50 m screen box is highly aggressive with 9 mm throw operating at over 1000 RPM. This ensures that even the most difficult materials can be handled effectively.

Whether it’s working before or after a primary crusher or as a stand alone unit, the QE342 is designed to deliver high production with clean separation, the exceptional on-board conveyors ensure that the delivery is in harmony with the throughput. Applications include screening quarry overburden, blasted rock, landfill mining, C&D waste, aggregates, slag heaps, environmental clean-ups and topsoil/subsoil.

**KEY BENEFITS**
- Large spacious power pack to accommodate EU Stage 4, Stage 5 & Tier 4 Final emissions compliant engines
- User friendly control system with large display panel, simplified controls and additional functionality
- Optimized material flow with no bottle necks
- Heavy duty crusher-type 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
- Optional hydraulically folding wing extensions for increased feed width
- Spacious and easily accessible hydraulically folding maintenance platforms fitted for ease of service.
- Highly flexible with the choice of different Sandvik screening media
- Massive stockpiling capability through integrated hydraulic conveyors
- Continuity with previous models and compatibility with QE441 ensures maximum uptime and optimization of spare and wear parts stock
- Two speed radio controlled tracks fitted as standard.
- Optional My Fleet remote monitoring system
- Hybrid drive option with electric plug in available to run in diesel or electric mode
- Galvanized ladders and walkways
KEY SPECIFICATIONS

**Hopper**
- Width: 2574 mm / 8’ 4”
- Length: 4160 mm / 13’ 7”
- Capacity: 7.0 m³ / 9.1 yd³
- Type: Rigid one-piece hopper

**Feeder**
- Width: 1364 mm / 54”
- Type: Steel apron standard

**Oversize conveyor**
- Width: 1400 mm / 55’
- Length (crs): 6270 mm / 20’ 6”
- Discharge height: 4000 mm / 13’ 1”
- Angle adjustable: 16° to 24°

**Side conveyor (midsize)**
- Width: 800 mm / 32”
- Length (crs): 8400 mm / 27’ 7”
- Discharge height: 4059 mm / 13’ 4”

**Side conveyor (fines)**
- Width: 800 mm / 32”
- Length (crs): 8270 mm / 27’ 2”
- Discharge height: 4238 mm / 13’ 11”

**Transfer conveyor**
- Width: 1200 mm / 47”
- Length (crs): 4300 mm / 14’ 1”

**Screen box**
- Type: 2 Bearing
- Decks: 2 Deck
- Top deck: 4700 x 1446 mm / 15’ 5” x 4’ 9”
- Bottom deck: 4200 x 1426 mm / 13’ 9” x 4’ 8”
- Variable screen angle: 11° - 17°

**Tracks**
- Length: 3310 mm / 10’ 10”
- Width: 400 mm / 16”

**Power pack**
- Engine type: CAT C4.4 74.5 kW / 100 hp CAT
- (Europe only) C4.4 83 kW / 100 hp
- Diesel tank size: 230 litres / 61 USG
- Hydraulic tank size: 460 litres / 122 USG

**Transport dimensions**
- Length: 14.83 m / 48’ 8”
- Width: 3.00 m / 9’ 10”
- Height: 3.40 m / 11’ 2”
- Standard weight: 29,580 kg / 65,215 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 mm³ / 24”
- Capacity (up to): 500 mtph / 551 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**

- Central auto lube (conveyors / screen)
- Remote diesel pump
- Water pump inc spray bars (mids and fines)
- -20°C (-4°F) Arctic package
- Mesh on top deck
- Mesh on bottom deck
- Wear resistant liners in hopper and side conveyor feed boots
- Pull cords on all conveyors
- Canvas covers and brackets (mids and fines)
- Dust suppression spray bars (mids and fines)
- Lighting mast
- Punch plate on top deck
- Mesh, punch plate, tines or grizzly on top deck
- Cascade fingers or mesh on bottom deck
- Belt feeder
- Two way split configuration
- Hopper extensions for rear loading
- Rear stabilizing legs
- Speed wheel option kit
- Hybrid 50 HZ 415V / 65 kW (37 kW + 37 kW)
- My Fleet Remote Monitoring System

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