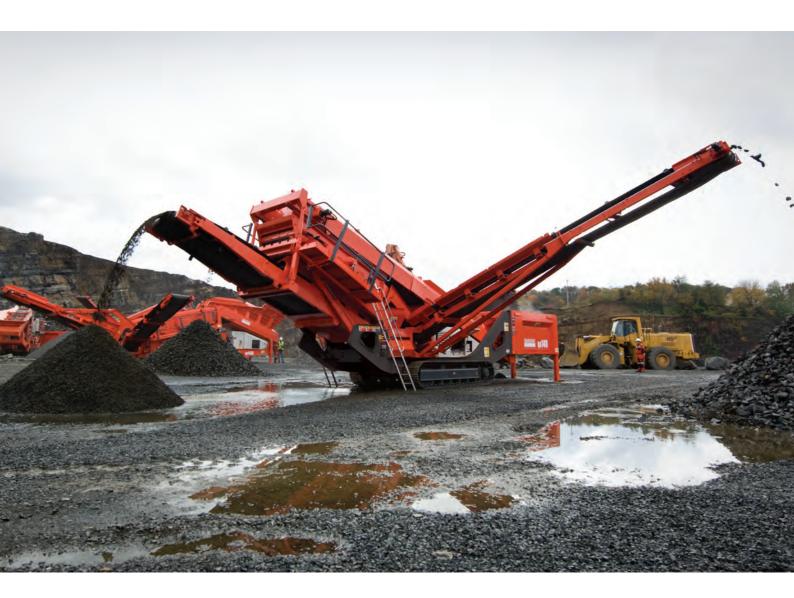
Sandvik QAI40 screen

Technical specification sheet



The most compact member of the QA-series is a single screenbox screening unit that uses state of the art design technology to construct a screen for today's requirements.

With a variety of features such as diesel hydraulics to enable self-propelled tracks, new main conveyor spreader plate to allow full use of screen mesh width and remote control of tracking and grid tip functions, the QA140 is truly world class.

The QA140 is perfect for the quarry or recycling operation where durability, production and mobility are paramount.

- Capable of high production rates as machine possesses a large 3 x 1.5m (10' x 5') screening area, and high frequency double deck screen
- Powerful enough to work at the quarry face, yet compact enough for the inner city development or recycling centre
- Modern chassis design ensures in-built machine quality

- and strength for maximum up time
- Fully tracked for on-site mobility
- Available with optional vibrating grid
- Capable of operating in the most hostile environments
- Massive stockpiling capability through integrated hydraulic conveyors
- Easily transported from site to site
- Global aftermarket support, with standard stock parts to ensure minimum loss of production
- Machine design designed for optimum fuel economy and low operating costs.



Technical specifications

	QA140		
Hopper			
Capacity	2.8 m³ / 3.7 yd³		
Maximum capacity	6.54 m³ / 8.6 yd³		
Type	Hydraulically tipping grid		
Grid open area	2200 x 3075 mm / 7' 2" x 10' 1"		
Grid area with sides raised	2200 x 3800 mm / 7' 2" x 12' 6"		
Tipping grid angle standard	96°		
Tipping grid angle vibrating grid	35°		
Feed conveyor belt			
Width	1200 mm / 3' 11"		
Length	2587 mm / 8' 5"		
Motor	160 cc		
Gear box ratio	R 20:1		
Head drum Ø	320 mm / 12"		
Tail drum Ø	270 mm / 10.5"		
Main conveyor			
Width	1000 mm / 3' 3"		
Length	8867 mm / 29' 1"		
Drive drum Ø	282 mm / 11"		
Tail drum Ø	270mm / 10.5"		
Motor	490 cc		
Screenbox			
Туре	2 bearing		
Decks	2 deck		
Size	3048 x 1524 mm / 10' x 5'		
Tensioning system	Ratchet		
Speed	1200 rpm		
Throw	6 mm		
Motor	40.6 cc		
Side conveyors			
Discharge height	4660 mm / 15' 3"		
Width	700 mm / 27.5"		

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Central auto lube (conveyors / screen)
Remote diesel pump
Weter pump (hydraulie) inc enray base

Water pump (hydraulic) inc spray bars

-20°C (-4°F) Arctic package

-30°C (-22°F) Arctic package

Wear resistant liners in hopper, side conveyor feed boots and wear resistant spreader plate

Pull cords on fines, midgrade and oversize conveyors

	QA140		
Drive	Hydraulic motor 395 cc		
Head drum	228 mm / 9"		
Tail drum	216 mm / 8.5"		
Length	9651 mm / 31' 7"		
Fines conveyor			
Discharge height	3800 mm / 12' 5"		
Width	1200 mm / 3' 11"		
Drive	Hydraulic motor 395 cc		
Head drum	228 mm / 9"		
Tail drum	216 mm / 8.5"		
Length	5576 mm / 18' 3"		
Tracks			
Length	2920 mm / 9' 6"		
Width	500 mm / 19.5"		
Power pack			
Engine type	CAT C4.4 75 kw / 100 hp		
Diesel tank size	230 litres / 61 USG		
Hydraulic tank size	370 litres / 98 USG		
General technical data			
Transport dimensions			
Length	14.12 m / 46' 4"		
Width	2.80 m / 9' 2"		
Height	3.34 m / 10' 11"		
Operating dimensions			
Length	15.25 m / 50' 1"		
Width	16.93 m / 55' 7"		
Height	4.98 m / 16' 4"		
Standard weight	24,298 kg / 53,600 lbs		
Performance			
Max feed size	200 mm / 8"		
Capacity (up to)	300 MTPH / 331 STPH		
Travel speed	1.52 K/H / 0.94 MPH		
Max slope climbing	20°		
Max slope side to side	10°		

Note. All weights and dimensions are for standard units only

Canvas covers and brackets only (all conveyors)
Dust suppression spraybars complete with hosing
Double deck vibrating grid
Double shaft shredder unit
Lighting mast
Overband magnet and support frame

