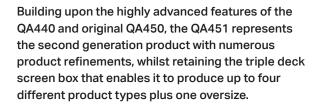


QA451 DOUBLESCREEN PIONEERING SOLUTIONS FOR YOU

TECHNICAL SPECIFICATION



Designed with maximum productivity, the QA451 incorporates a large feed hopper, two large screen boxes and extended conveyors that afford massive stockpiling capabilities.

The QA451 screenbox makes use of the tried and tested Doublescreen technology but with a unique triple deck design cementing Sandvik's position as a true world leader.

KEY BENEFITS

 Triple deck 6 x 1.5 m (20' x 5') equivalent
 Doublescreen with four hydraulic folding product conveyors allowing four accurately sized products to be produced.

- Now with hydraulic folding oversize conveyor which features both hydraulic raise lower and hydraulic slew functions eliminating the need for a crane on site and minimising relocation time between sites.
- New heavy duty feeder conveyor drive system for increased machine throughput.
- New oversize chutework has a 40% larger cross section area to eliminate bottle necks and material restrictions.
- Capable of working alongside large jaw crushers, yet precise enough to produce accurate aggregate products.
- Massive stockpiling capability through integrated hydraulic conveyors.
- Fully tracked for on-site mobility, easily transported between sites.
- Available with optional vibrating grid.
- Global aftermarket support, with standard stock parts to ensure minimum loss of production.
- Capable of operating in the most hostile environments.
- Machine designed for optimum fuel economy and low operating costs.



KEY SPECIFICATIONS	QA451
Hopper	
Capacity Maximum capacity Type Standard aperture	7.5 m³ / 9.8 yd³ 11.33 m³ / 14.8 yd³ Hydraulic tipping grid 128mm / 5"
Feed conveyor belt	
Width Motor / Gearbox ratio Belt speed	1200 mm / 3' 11" 125 cc / R 23:1 18 m / min
Screen	
Type Decks First screen box size Second screen box size Tensioning system Speed Throw Motor	2 bearing 3 deck 3048 x 1524 mm / 10' x 5' Top 3048 x 1524 mm / 10' x 5' Mid 3048 x 1524 mm / 10' x 5' Bottom 2439 x 1524 mm / 8' x 5' Manual ratchet 1200 rpm 7.7 mm 49 cc x 2 off
Side conveyor (Mid overs) RHS	
Discharge height Width Drive	5130 mm / 16' 10" 700 mm / 27.5" Hydraulic motor 395 cc
Side conveyor (Mid fines) LHS	
Discharge height Width Drive	4915 mm / 16' 9" 700 mm / 27.5" Hydraulic motor 395 cc
Fines conveyor	
Discharge height Width Drive	5030 mm / 16' 6" 1200 mm / 47" Hydraulic motor 395 cc

KEY SPECIFICATIONS	QA451
4th Conveyor (oversize) LHS	
Discharge height Width Drive Length Belt speed Raise lower facility Hydraulic slew Maximum slew angle	4897 mm / 16′ 1″ 650 mm / 25.5″ Hydraulic motor 395 cc 9770 mm / 32′ 1″ 111 m / min Yes hydraulic raise lower Yes hydraulic slew now 64° from hopper
Tracks	
Length Shoe width	3800 mm / 12′ 5″ 500 mm / 19.5″
Power pack	
Engine type Diesel tank size Hydraulic tank size	CAT C4.4 74.5 kw / 100 hp 290 litres / 76.5 USG 370 litres / 98 USG
Transport dimensions	
Length Width Height	18,370 mm / 60′ 3″ 3200 mm / 10′ 6″ 3550 mm / 11′ 8″
Operating dimensions	
Length Width Height Standard weight	18,802 mm / 61′ 8″ 17,852 mm / 58′ 7″ 6479 mm / 21′ 3″ 34,000 kg / 74,957 lbs
Performance	
Max feed size Capacity (up to) Travel speed	200 mm / 8" 600 MTPH / 661 STPH 1.06 K/H / 0.66 MPH
Note. All weights and dimensions are for standard units only	

OPTIONS

Central auto lube
Remote diesel pump
Water pump (hydraulic) inc spray bars
-20°C (-4°F) Arctic package
-30°C (-22°F) Arctic package
Wear resistant liners, hopper, feed boots and spreader plate
13ft tipping grid and crusher feed box
Crusher feed box to fit with vibrating grid
Canvas covers and brackets only (all conveyors)
Dust suppression spraybars complete with hosing
Pull cords on the fines, midgrade, oversize and fourth conveyor
Tail conveyor canvas covers
Double deck vibrating grid

Lighting masts Overband magnet and frame Vibrating grid wing extensions



Screening media