



# QA451 DOUBLESREEN PIONEERING SOLUTIONS FOR YOU

## TECHNICAL SPECIFICATION

**The QA451 is capable of producing large volumes of high specification product. Featuring two inline 10' x 5' screen boxes these provide you with ultimate flexibility and control. The first screen performs as a fines extractor, whilst the second screen performs as a grader.**

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 screen box 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 1.50 m / 20' x 5' equivalent Doublescreen with four hydraulic folding product conveyors allowing four accurately sized products to be produced.
- Oversize conveyor features both hydraulic raise lower and hydraulic slew functions and minimizes relocation time between sites.
- Heavy duty feeder conveyor drive system for increased machine throughput.
- 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.
- Capable of operating in the most hostile environments.
- Machine designed for optimum fuel economy and low operating costs.
- Fitted with My Fleet remote monitoring system as standard for live monitoring of plant, hours, location, etc.
- Hybrid drive option with electric plug in available to run in diesel or electric mode.



KEY SPECIFICATIONS	QA451
<b>Hopper</b>	
Capacity	7.5 m <sup>3</sup> / 9.8 yd <sup>3</sup>
Maximum capacity	11.33 m <sup>3</sup> / 14.8 yd <sup>3</sup>
Type	Hydraulic tipping grid
Standard aperture	128 mm / 5"
<b>Feed conveyor belt</b>	
Width	1200 mm / 3' 11"
Motor / Gearbox ratio	125 cc / R 23:1
Belt speed	18 m / min
<b>Screen</b>	
Type	Doublescreen
Decks	3 deck
First screen box size	3048 x 1524 mm / 10' x 5'
Second screen box size	Top 3048 x 1524 mm / 10' x 5' Mid 3048 x 1524 mm / 10' x 5' Bottom 2439 x 1524 mm / 8' x 5'
Tensioning system	Manual ratchet
Speed	1200 rpm
Throw	7.7 mm
<b>Side conveyor (Mid overs) RHS</b>	
Discharge height	5130 mm / 16' 10"
Width	700 mm / 28"
<b>Side conveyor (Mid fines) LHS</b>	
Discharge height	4915 mm / 16' 9"
Width	700 mm / 28"
<b>Fines conveyor</b>	
Discharge height	5030 mm / 16' 6"
Width	1200 mm / 47"

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<b>4th Conveyor (oversize) LHS</b>	
Discharge height	4897 mm / 16' 1"
Width	650 mm / 26"
Belt speed	111 m / min
Raise lower facility	Yes hydraulic raise lower
Hydraulic slew	Yes hydraulic slew
<b>Tracks</b>	
Length	3800 mm / 12' 5"
Shoe width	500 mm / 20"
<b>Power pack</b>	
Engine	CAT C4.4 Tier 3 96 kW / 129 hp CAT C4.4 Stage 3A Constant Speed 98 kW / 132 hp CAT C4.4 T4F 98 kW / 132 hp CAT C4.4 Stage 5 / T4F 98 kW / 132 hp
Diesel tank size	290 litres / 76.5 USG
Hydraulic tank size	370 litres / 98 USG
<b>Transport dimensions</b>	
Length	18,370 mm / 60' 3"
Width	3200 mm / 10' 6"
Height	3550 mm / 11' 8"
Standard weight	34,000 kg / 74,957 lbs
<b>Operating dimensions</b>	
Length	18,802 mm / 61' 8"
Width	17,852 mm / 58' 7"
Height	6479 mm / 21' 3"
<b>Performance</b>	
Max feed size	200 mm / 8"
Capacity (up to)	600 mtph / 661 stph
Travel speed	1.06 Km/h / 0.66 mph
Max incline / Side to side	20° / 10°

Note. All weights and dimensions are for standard units only

## STANDARD SPECIFICATION

Main conveyor anti roll back  
Radio control tracks 2 speed  
Variable speed feed conveyor  
Hydraulic leveling legs on hopper  
Hydraulic folding walkways  
Light mast and cabinet lights  
4 Hydraulic folding discharge conveyors  
Wear resistant liners in hopper and both side conveyor feed boots  
My Fleet telematics

\*For option availability please speak with your local Sandvik representative.