



# QA441 DOUBLESREEN PIONEERING SOLUTIONS FOR YOU

TECHNICAL SPECIFICATION

The QA441 is the largest two deck tracked mobile screen equipped with Sandvik's patented, world class Doublescreen system. Two high velocity screens that work independently to each other, the primary screen works as a fines extractor, whilst the secondary screen operates as a grader. Two processes combined on one plant, both primary & secondary screening angles can be adjusted relative to each other, offering customers exceptional flexibility and massive throughput.

Designed for quick and easy set-up, the QA441 is built to withstand the rigours of a large quarry or recycling application. It incorporates a number of features for improved safety and control, including a user-friendly electrical control system with sequential start-up for ease of operation and remote control which comes as standard.

The QA441 lends itself to many applications including iron ore, aggregates, topsoil, recycling, minerals, coal, sand and gravel.

## KEY BENEFITS

- Patented Doublescreen screen box design 6 x 1.5 m / 20' x 5' equivalent
- Doublescreen advantages: greater adjustability, increased accuracy, higher screening efficiencies
- Versatile unit, capable of producing large volumes of high specification products
- Large volume hopper complete with remote control hydraulic tipping grid
- User friendly control panel with sequential start-up for ease of operation
- Massive stockpiling capability through integrated hydraulic conveyors
- Radio controlled tracks fitted as standard
- Designed for optimum fuel economy and low operating costs.



**KEY SPECIFICATIONS QA441**

Hopper	
Type	Hydraulic tipping grid
Grid open area	2200 x 4010 mm / 7' 2" x 13' 2"
Grid area with sides open	2200 x 4735 mm / 7' 2" x 15' 6"
Tipping grid angle	96°
Vibrating grid angle	34°
Standard aperture	128 mm / 5"
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>
Length	4540 mm / 14' 11"
Width	1926 mm / 6' 4"

**Feed conveyor belt**

Width	1200 mm / 3' 11"
Length	3890 mm / 12' 9"
Motor	125 cc
Gearbox ratio	R 23:1
Head drum	325 mm / 12 1/2"
Tail drum	270 mm / 10 1/2"
Belt speed	18 m/min

**Main conveyor**

Width	1000 mm / 3' 3"
Length	12,390 mm / 488"
Drive drum	282 mm / 11"
Tail drum	270 mm / 10 1/2"
Motor	490 cc
Belt speed	127 m/min

**Screen box**

Type	2 bearing
Decks	2 deck
First screen box size	3048 x 1524 mm / 10' x 5'
Second screen box size	3048 x 1524 mm / 10' x 5'
Tensioning system	Ratchet
Speed	1200 rpm
Throw	7.24 mm
Motor	49.1 cc x 2 off

Note. All weights and dimensions are for standard units only

**OPTIONS**

- Double deck vibrating grid
- Hardox liners side conveyor and hopper
- Canvas covers
- Dust suppression spraybars complete with hosing
- Water pump (hydraulic) including spray bars
- Remote diesel pump
- 20°C / -4F Arctic package
- 30°C / -22F Arctic package
- Central autolube system
- Lighting mast
- E-Stop conveyor pull cords
- Tipping grid with crusher feedbox
- Vibrating grid wing extensions

**KEY SPECIFICATIONS QA441**

Side conveyors	
Discharge height	5090 mm / 16' 8"
Width	700 mm / 27.5"
Drive	Hydraulic motor 395 cc
Head drum	228 mm / 9"
Tail drum	216 mm / 8 1/2"
Length	10,551 mm / 34' 7"

**Fines conveyor**

Discharge height	4988 mm / 16' 4"
Width	1200 mm / 47"
Drive	Hydraulic motor 395 cc
Head drum	228 mm / 9"
Tail drum	216 mm / 8 1/2"
Length	7976 mm / 26' 2"

**Tracks**

Length	3800 mm / 12' 5"
Width	500 mm / 20"

**Power pack**

Engine type	CAT C4.4 74.5 kW / 100 hp
Diesel tank size	290 litres / 76.5 USG
Hydraulic tank size	370 litres / 98 USG

**Transport dimensions**

Length	18,680 mm / 61' 3"
Width	3000 mm / 9' 10"
Height	3500 mm / 11' 6"

**Operating dimensions**

Length	18,890 mm / 62'
Width	18,720 mm / 61' 5"
Height	6590 mm / 21' 7"
Standard weight	30,300 kg / 66,800 lbs

**Performance**

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°

