



SANDVIK QA452 DELIVER MORE UPTIME



SUSTAINABILITY

Sandvik is committed to using engineering and innovation to advance the world towards sustainable business. An opportunity for new innovations and new ways of working that will drive efficiency and productivity, open new markets, support our customers and help us sustain long-term growth.



HYBRID

Hybrid "e" option.

Choose between diesel-hydraulic or electric-hydraulic modes of operation. Choose your most economical and efficient energy source. Reduced engine servicing and refuelling, saving you time and money.

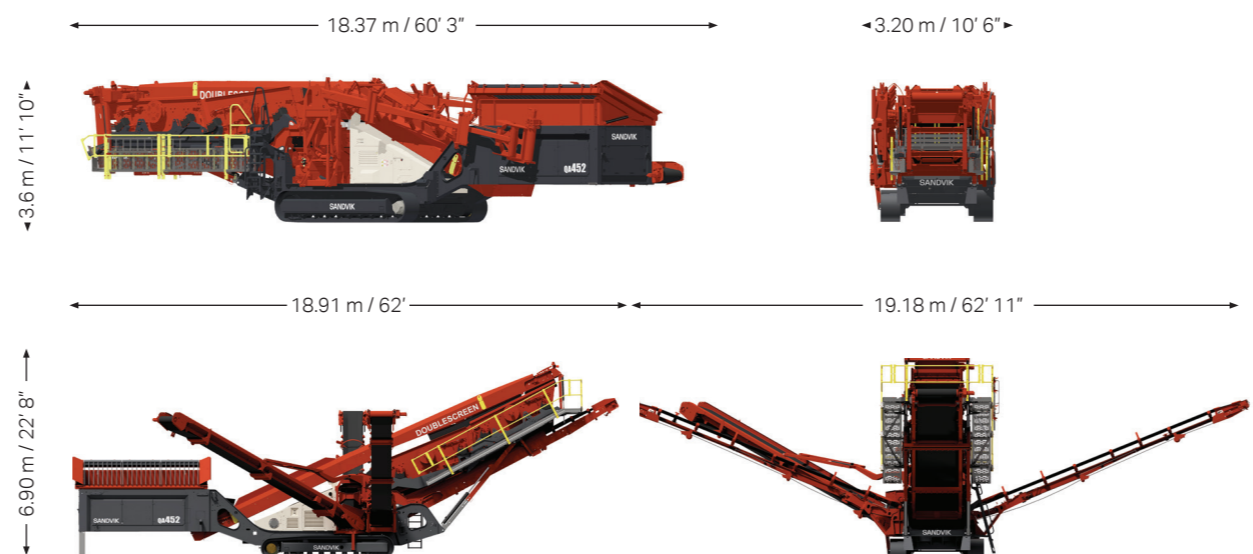
Environmental benefits with minimized CO2 emissions and fuel handling onsite. Reduced operating noise, improved operation safety and pollution. Retains all the benefits and mobility of the track mobile plant.

TECHNICAL SPECIFICATIONS

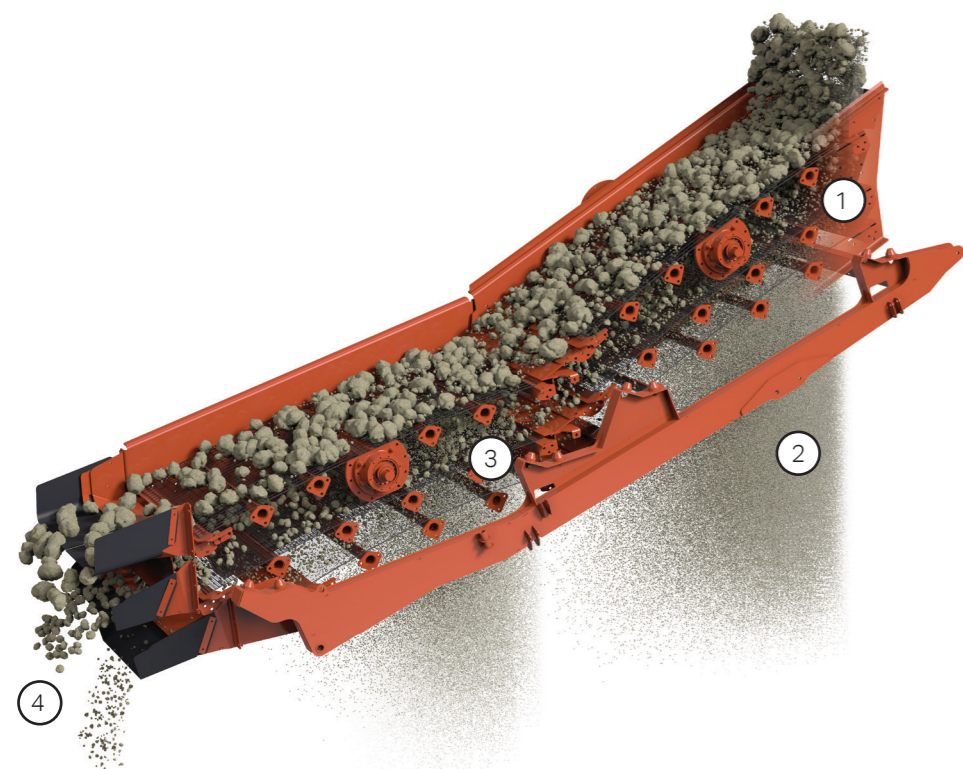
KEY SPECIFICATIONS	DATA
Screen type	Doublescreen 3 deck
Screen box size	20' x 5' / 6.10 m x 1.52 m
Tensioning system	Ratchet
Speed	1200 rpm
Throw	7.7 mm

KEY SPECIFICATIONS	DATA
Power pack	
Engine	CAT C4.4 Stage 5 / T4F 98 kW / 132 hp LRC Stage 3A 96 kW / 129 hp
Diesel tank size	340 litres / 90 USG
Hydraulic tank size	630 litres / 166 USG

Note. All weights and dimensions are for standard units only



Standard weight 36,200 kg / 79,810 lbs
Hybrid weight 37,400kg / 82,455 lbs



- 1 Primary screen is used as a fines extractor
- 2 The majority of the undersize is removed during initial impact
- 3 Secondary screen operates as a grader
- 4 Clean gradings, at very high output, are produced as material is exposed to a very large screening area

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QA452 DOUBLESCREEN

KEY SPECIFICATIONS	DATA
Screen type	Doublescreen 3 deck
Screen box size	20' x 5' / 6.10 x 1.52 m
Engine	CAT C4.4 Stage 5 / T4F 98 kW / 132 hp LRC Stage 3A 96 kW / 129 hp
Transport dimensions	18.37 m / 60' 3" (l) 3.20 m / 10' 6" (w) 3.6 m / 11' 10" (h)
Weight	36,200 kg / 79,810 lbs

ULTIMATE SCREENING SOLUTION

The QA452 has been developed with uptime, productivity and lower cost of ownership in mind. The world's first triple deck Doublescreen featuring independent screen angle adjustment and hydraulic screen separation. The QA452 is capable of producing large volumes of high specification products. Featuring two triple deck inline screen boxes with equal size screen decks each providing 9 m³ / 100 sq. ft. of screening area. The primary screen performs as a fines extractor, whilst the secondary screen performs as a grader. Two processes on one plant, offering exceptional flexibility, excellent separation, accurate grading and massive throughput.

The QA452 is designed specifically to work in closed circuit with our tracked secondary and tertiary crushers. The hydraulically folding fourth product conveyor slews and raises/lowers hydraulically to optimize the feeding position to these upstream units. Alternatively, the QA452 can work as an extra-large stand-alone screening and stockpiling system producing four sized products with a fifth oversize material scalped off at the grid.

FEATURES INCLUDE:

- World class Doublescreen design with triple deck 6 m x 1.50 m / 20' x 5' equivalent, enabling high throughput
- Doublescreen offers greater adjustability, increased accuracy and higher screening efficiencies
- 11% longer bottom deck, more screen area, extract more fines
- Independent angle adjustment on primary screen for increased screening efficiency
- Oversize cross conveyor, handles more oversize material
- Hydraulic conveyors
- Latest generation fuel efficient powerpack, reduced emissions onsite and optimum fuel economy
- User friendly PLC control system with sequential start-stop for speed and ease of set-up
- Choice of screen media to suit a wide range of applications
- Hybrid "e" drive lets you choose your most economical and efficient energy source
- Connected to Sandvik My Fleet with 7 year data subscription, 24/7 fleet management, geo-fencing and remote support

- 1 Mids-fines side conveyor
- 700 mm / 28" wide belt with a discharge height of 5.13 m / 16' 10" for enormous stockpiling capability
 - Hydraulically folds rearwards towards hopper for easier transportation

- 2 Mid-overs side conveyor (other side of machine)
- 700 mm / 28" wide belt with a discharge height of 5.13 m / 16' 10" for massive stockpiling capability
 - Improved access to powerpack during transportation

- 3 Screen box
- Triple deck 20' x 5' / 6.10 m x 1.52 m equivalent renowned Doublescreen for high production capabilities
 - Primary screens inclination can be independently adjusted from the secondary screen, allowing you to optimise your throughput and product gradations
 - Primary screen and subframe can be hydraulically separated to gain better access to screen panels during media changes
 - Easy-change mesh facility with highly efficient ratchet tensioning system
 - Hydraulically folding walkways for ease of maintenance

- 4 Main conveyor
- 11000 mm / 39" wide variable speed feed conveyor
 - Can be hydraulically raised up from screen to enable quick mesh change and easy maintenance

- 10 Oversize conveyor
- Hydraulic raise / lower and hydraulic slew function for quicker set-up times, stockpile clearing and recirculating with crushers
 - 650 mm / 26" wide belt for maximum oversize material removal
 - Discharge height 4.89 m / 16' 1" for enormous stockpiling capability

- 9 Hopper
- Large volume hopper complete with remote control hydraulic tipping grid
 - Vibrating grid optional
 - Variable speed belt feeder, heavy duty-roller bed and heavy duty belting
 - Heavy duty feeder drive system for increased throughput

- 8 Power pack
- Latest generation fuel efficient powerpack, reduced emissions onsite and optimum fuel economy
 - Unrivalled service access to three sides of engine (270°) and service areas including hydraulic tank
 - User friendly push button control panel with sequential start-up for ease of operation
 - My Fleet telematics

- 7 Tracks
- 500 mm / 20" wide tracks driven by wired control
 - Radio remote control and two speed tracking as standard

- 6 Chassis
- Updated i-beam chassis design to accommodate new side conveyors, new screen arrangement, cross conveyor and steel diesel tank

- 5 Fines tail conveyor
- 1200 mm / 47" wide belt with a discharge height of 5.44 m / 17' 10" for generous stockpiling capability



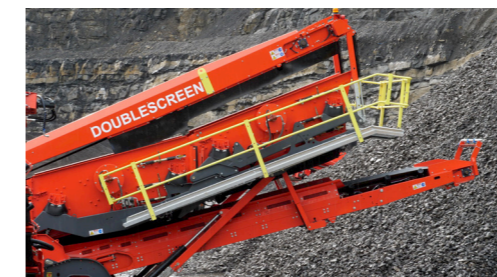
STANDARD FEATURES



Cross conveyor, handles more oversize



Common track handset for both wireless and wired modes of operation



Triple deck Doublescreen with independent screen angle adjustment and screen separation, patent pending



User friendly control system with larger LCD display



Hydraulically folding walkways for ease of maintenance



Massive stockpiling capabilities



7 YEAR DATA
SUBSCRIPTION