

Sandvik QA335

Tracked Doublescreen

The QA335 Doublescreen is a highly versatile mid-sized screening solution equipped with Sandvik's world class Doublescreen arrangement. This innovative technology features two high velocity, angle adjustable screens, where both the primary and secondary screening angles can be adjusted to optimize screening performance and accuracy.



Key benefits

Reliability

- Premium components selected throughout for maximum durability
- Capable of operating in the most hostile environments
- Feeder load sensing facility to prevent blockages and unnecessary downtime

Productivity

- World class Doublescreen design 4 x 1.5 m / 13' x 5' enabling high throughput
- Doublescreen offers greater adjustability, increased accuracy and higher screening efficiencies
- The screen box delivers an aggressive and effective vibrating action up to 1200 rpm, meaning your output will be at optimum levels
- Both screens independently adjustable for greater screening accuracy
- Versatile unit, capable of producing large volumes of high specification product
- Large stockpiling capability through integrated hydraulic conveyors
- Large volume hopper with remote control hydraulic tipping grid
- 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
- Quick to set-up and easy to transport, resulting in more uptime and higher productivity
- Connected to Sandvik My Fleet with 7 year data subscription offering 24/7 fleet management, geo-fencing and remote operator support

Cost of ownership

- Latest generation fuel efficient engines provide maximum performance and cost efficiency
- Reduced fuel consumption through optimized hydraulic system and reduced engine RPM
- Well-proportioned fuel tank to maximize intervals between refueling
- Reduced cost of ownership through extended hydraulic fluid change intervals from 2000 hrs to 4000 hrs

Safety

- Mandatory audible and visual warning for safe operation whilst tracking and start-up / shut down
- Emergency stop buttons and conveyor pull stop cords around the plant for easy access during operation
- Wireless radio handset and two speed control for safe tracking onsite
- Wrap-around hydraulically operated maintenance platforms provide safe access for service and maintenance

Sustainability

- Latest emissions compliant engine lowers environmental impact due to reduced fuel consumption, less operating noise and low emissions
- 50% hydraulic fluid saving with extended service interval from 2,000 to 4,000 hours

Technical specification

Key specifications	QA335
Hopper	
Type	Hydraulic tipping grid
Grid area with sides open	5 m x 1.7 m / 16' 5" x 5' 7"
Standard aperture	100 mm / 4"
Capacity	6.6 m ³ / 8.6 yd ³
Feed conveyor belt	
Width	1050 mm / 42"
Length	4 m / 13' 1"
Belt speed	18 m / min
Main conveyor	
Width	1000 mm / 39"
Length	9.1 m / 29' 10"
Screen box	
Type	Doublescreen
Decks	2 deck
Overall top deck	3.96 m x 1.52 m / 13' x 5'
Primary	1.52 m x 1.52 m / 5' x 5'
Secondary	2.43 m x 1.52 m / 8' x 5'
Overall bottom deck	3.96 m x 1.52 m / 13' x 5'
Primary	1.52 m x 1.52 m / 5' x 5'
Secondary	2.43 m x 1.52 m / 8' x 5'
Tensioning system	Ratchet
Speed	1200 rpm
Throw	7 mm
Side conveyors	
Discharge height	4.7 m / 15' 5"
Width	650 mm / 26"

Key specifications	QA335
Fines conveyor	
Discharge height	3.9 m / 12' 9"
Width	1200 mm / 47"
Tracks	
Length (centres)	2.96 m / 9' 9"
Width (shoe)	500 mm / 20"
Control	Radio / Umbilical
Power pack	
Engine	CAT C2.8 Stage 5 / T4F 55 kW / 74 hp CAT C2.8 Stage 3A LRC *** 55 kW / 74 hp CAT NR4 (China) 110 kW / 147 hp
Diesel tank size	350 Litres / 93 USG
Hydraulic tank size	630 Litres / 166 USG
Transport dimensions	
Length	15.35 m / 50' 3"
Width	3.00 m / 9' 10"
Height	3.40 m / 11' 2"
Standard weight	26,520 kg / 58,467 lbs
Operating dimensions	
Length	15.90 m / 52' 2"
Width	16.35 m / 53' 7"
Height	5.90 m / 19' 4"
Performance	
Max feed size	200 mm / 8"
Capacity (up to)	400 mtph / 441 stph **
Travel speed	0.8 and 1.5 km/h / 0.49 and 0.93 mph
Max incline / Side to side	25° / 10°

Note. All weights and dimensions are for standard units only

*** Lesser regulated countries

Standard specification

- Light mast and cabinet lights *
- Radio control tracks 2 speed
- Hydraulic folding maintenance platforms
- Hydraulic leveling legs on hopper
- Main conveyor complete with anti roll back

- Variable speed feed conveyor
- 3 hydraulic folding discharge conveyors
- Pull stop cords on side conveyors *
- My Fleet telematics with 7 year data subscription