

Sandvik QS332

Tracked cone crusher

The QS332 is a robust mobile gyratory cone crusher designed for versatility, safety and high performance. Featuring the CS430 Sandvik S type gyratory cone crusher the QS332 can accept large feed sizes and achieve high production capacities.



Key benefits

Reliability

- Market leading Sandvik CS430 cone for strength and high performance
- Cone crusher unibody mainframe ensures optimal strength and less maintenance
- Premium components selected throughout and FEA analysis on structural parts for durability
- Up-and-over metal detector for stable and controlled detection
- Steel pipe work used extensively to give superior heat dissipation and maximum reliability
- Capable of operating in the most hostile environments

Productivity

- Hydraulic cone Hydroset™ setting (CSS) and overload protection for maximum uptime
- Superior power transfer resulting in tighter close side settings, and larger throw variations for precision crushing
- Load sensing system for feeder drive, camera and level sensor ensure continuous crushing
- Choice of chambers, throws and settings to optimize crusher for a wide range of applications
- Full PLC control system with colour screen allowing visual data output and push button adjustment of all plant operating parameters
- Connected to Sandvik My Fleet with 7 year data subscription offering 24/7 fleet management, geo-fencing and remote operator support
- Available with modular double deck hanging screen to provide a 1, 2 or 3 way split (see QS332 HS for full specification)

Cost of ownership

- Latest generation fuel efficient engines provide maximum performance and cost efficiency
- Fluid clutch drive for smoother power transmission for optimum fuel efficiency and maximum power transfer
- Well-proportioned fuel tank to maximize intervals between refueling
- Unique Constant Liner Performance (CLP) for extended life of chamber liners, minimizing downtime and cost

Safety

- Remote camera viewing the crushing chamber ensures full visibility without the need to access the machine
- Superb access around the crusher for easy maintenance, especially during liner changes
- 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 proportional speed control for safe tracking onsite
- Spacious platforms provide safe access for service and maintenance
- Dust suppression spray bars and onboard water pump to minimize dust improving operator and onsite safety

Sustainability

- Latest emissions compliant Stage V engine for reduced emissions
- Dust suppression system minimizes dust emissions reducing environmental impact

Technical specification

Key specifications	QS332
Hopper	
Capacity	5 m ³ / 6.5 yds ³
Capacity with extensions	6.5 m ³ / 8.5 yds ³
Rear loading height	3.45 m / 11' 4"
Rear loading width	2.3 m / 7' 6"
Feed conveyor	
Belt width	1000 mm / 39"
Drive	Hydraulic variable speed
Metal detector type	Bridge coil
Main conveyor	
Belt width	1000 mm / 39"
Discharge height	3.96 m / 12' 11"
Drive	Hydraulic
Crusher	
Cone	Sandvik CS430 cone
Speed	346 rpm to 366 rpm
Max feed size	400 mm / 15.7"
CSS range	24 - 54 mm / 0.9" - 2" *
Drive	Wet clutch with PTO
Lubrication tank	
Capacity	250 litres / 66 USG
Tracks	
Length (centres)	4.05 m / 13' 3"
Width (shoe)	500 mm / 20"
Control	Radio / Umbilical

Key specifications	QS332
Power pack	
Engine	CAT C9.3B Stage 5 / T4F 280 kW / 375 hp
	CAT C9 T3 261 kW / 350 hp
Diesel tank capacity	660 litres / 174 USG
Hyd tank capacity	660 litres / 174 USG
Transport dimensions	
Length	15.87 m / 52'
Width	2.94 m / 9' 6"
Height	3.80 m / 12' 5"
Standard weight	41,831 kg / 92,221 lbs
Operating dimensions	
Length	15.53 m / 50' 11"
Width	3.12 m / 10' 2"
Height	4.77 m / 15' 7"
Performance	
Max feed size	400 mm / 15.7"
Capacity (up to)	344 tph / 379 stph *
Travel speed	0-1 km/h / 0-0.62 mph
Max incline / Side to side	16° / 10°

Note. All weights and dimensions are for standard units only

Standard specification

- Feed conveyor belt including heavy duty impact bed
- Feed hopper with wear resistant liner
- Folding hopper extensions for rear loading
- Main conveyor complete with dust covers
- Metal detector (over and under)
- Tool kit
- Light mast and cabinet lights
- Pull stop cords

- Camera on crusher feed hopper
- Level sensor on crushing chamber
- Dust suppression spray bars
- Remote diesel pump
- Radio control tracking, proportional
- Hydraulic water pump
- My Fleet telematics with 7 year data subscription