



# SANDVIK QS332 MOBILE CONE CRUSHER

## TECHNICAL SPECIFICATION

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

<b>Reliability</b>	<ul style="list-style-type: none"><li>- Market leading Sandvik CS430 cone for strength and high performance</li><li>- Cone crusher unibody mainframe ensures optimal strength and less maintenance</li><li>- Premium components selected throughout and FEA analysis on structural parts for durability</li><li>- Up-and-over metal detector for stable and controlled detection</li><li>- Steel pipe work used extensively to give superior heat dissipation and maximum reliability</li><li>- Capable of operating in the most hostile environments</li></ul>
<b>Productivity</b>	<ul style="list-style-type: none"><li>- Hydraulic cone Hydroset™ setting (CSS) and overload protection for maximum uptime</li><li>- Superior power transfer resulting in tighter close side settings, and larger throw variations for precision crushing</li><li>- Load sensing system for feeder drive, camera and level sensor ensure continuous crushing</li><li>- Choice of chambers, throws and settings to optimize crusher for a wide range of applications</li><li>- Full PLC control system with colour screen allowing visual data output and push button adjustment of all plant operating parameters</li><li>- Available with modular double deck hanging screen to provide a 1, 2 or 3 way split (see separate document for full specification)</li></ul>
<b>Cost of ownership</b>	<ul style="list-style-type: none"><li>- Latest generation fuel efficient engines provide maximum performance and cost efficiency</li><li>- Fluid clutch drive for smoother power transmission for optimum fuel efficiency and maximum power transfer</li><li>- Well-proportioned fuel tank to maximize intervals between refueling</li><li>- Unique Constant Liner Performance (CLP) for extended life of chamber liners, minimizing downtime and cost</li></ul>
<b>Safety</b>	<ul style="list-style-type: none"><li>- Remote camera viewing the crushing chamber ensures full visibility without the need to access the machine</li><li>- Superb access around the crusher for easy maintenance, especially during liner changes</li><li>- Mandatory audible and visual warning for safe operation whilst tracking and start-up / shut down</li><li>- Emergency stop buttons and conveyor pull stop cords around the plant for easy access during operation</li><li>- Wireless radio handset and proportional speed control for safe tracking onsite</li><li>- Spacious platforms provide safe access for service and maintenance</li><li>- Dust suppression spray bars and onboard water pump to minimize dust improving operator and onsite safety</li></ul>
<b>Support</b>	<ul style="list-style-type: none"><li>- Connected to Sandvik My Fleet with 7 year data subscription. Benefits include 24/7 fleet management, geo-fencing and remote operator support</li><li>- Extensive global distributor network</li><li>- Global aftermarket support, with standard stock parts to ensure minimum loss of production</li></ul>





KEY SPECIFICATIONS	QS332
<b>Hopper</b>	
Capacity	5 m <sup>3</sup> / 6.5 yds <sup>3</sup>
Capacity with extensions	6.5 m <sup>3</sup> / 8.5 yds <sup>3</sup>
Rear loading height	3.45 m / 11' 4"
Rear loading width	2.30 m / 7' 6"
<b>Feed conveyor</b>	
Belt width	1.00 m / 39"
Drive	Hydraulic variable speed
Metal detector type	Bridge coil
<b>Main conveyor</b>	
Belt width	1.00 m / 39"
Discharge height	3.96 m / 12' 11"
Drive	Hydraulic
<b>Crusher</b>	
Cone	Sandvik CS430 cone
Speed	346 rpm to 366 rpm
Feed opening	up to 360 mm / 14"
CSS range	19 mm - 51 mm / ¾" - 2" *
Drive	Wet clutch with PTO
<b>Lubrication tank</b>	
Capacity	250 litres / 66 USG

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<b>Tracks</b>	
Length (centres)	4.05 m / 13' 3"
Width (shoe)	500 mm / 20"
Control	Radio / Umbilical
<b>Power pack</b>	
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
<b>Transport dimensions</b>	
Length	15.87 m / 52'
Width	2.94 m / 9' 6"
Height	3.80 m / 12' 5"
Standard weight	40,215 kg / 88,658 lbs
<b>Operating dimensions</b>	
Length	15.53 m / 50' 11"
Width	3.12 m / 10' 2"
Height	4.77 m / 15' 7"
<b>Performance</b>	
Max feed size	360 mm / 14"
Capacity (up to)	344 tph / 379 stph *
Travel speed	0-1 km/h / 0-062 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

For option availability please speak with your local Sandvik representative

\* Application specific. Please contact a Sandvik representative for clarification on specifications and options  
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