



QS332 CONE CRUSHER PIONEERING SOLUTIONS FOR YOU

TECHNICAL SPECIFICATION

The QS332 is a compact, self-contained mobile cone crusher. Featuring the CS430 Sandvik S type gyratory cone crusher the QS332 can accept large feed sizes and achieve high production capacities.

The advanced CS430 cone is equipped with a hydroset CSS regulation system that provides overload protection, optimizes production and keeps track of liner wear. The unit is also fitted with an automatic level sensor above the crushing chamber to control the feed rate and minimize operator intervention for maximum production and reduction.

KEY BENEFITS

- Maximum feed size up to 360 mm and capable of up to 344 tph on the larger bush setting.
- Heavy-duty, hydraulically positioned feed conveyor featuring a HD impact bed.
- Up and over metal detector to provide ultimate cone protection from tramp metal.
- Automated variable speed feed conveyor via a level sensor to ensure maximum production and reduction of the material.
- Direct drive through a Wet clutch with eight SPC drive belts to ensure maximum fuel efficiency and power delivery.
- Hydraulically driven, variable speed cooling fan for maximum efficiency and auto reverse facility to back flush dust from the radiator.
- The machine is designed for ease of mobility, for rapid set up time and transportation.
- The CS430 cone has choice of three concaves and four bush settings from a single bush ranging from 16 mm to 30 mm.
- The concave and bush settings give unrivalled flexibility regarding CSS ranges, production and material gradation.
- Can operate in the most hostile environments with a 50°C ambient capability with a lubrication oil change.
- Superb access around the crusher for easy maintenance, especially during liner changes.
- Remote camera viewing the crushing chamber enables the operator to set up and ensure a choke feed on the crusher from ground level.
- Hydraulic driven hydraulic and lubrication coolers to deal with the most arduous conditions.
- Fitted with My Fleet remote monitoring system as standard for live monitoring of plant, hours, location, etc.



KEY SPECIFICATIONS	QS332
Hopper	
Nominal capacity	5 m ³ / 6.5 yds ³
Nominal capacity with extensions	6.5 m ³ / 8.5 yds ³
Rear loading height	3455 mm / 11' 4"
Rear loading width	2305 mm / 7' 6"
Feed conveyor	
Belt width	1000 mm / 39 1/2"
Drive	Hydraulic variable speed
Metal detector type	Bridge coil
Crusher	
Cone	Sandvik CS430
Speed	346 rpm to 366 rpm
Feed opening	up to 360 mm / 14"
CSS range	19 mm - 51mm / 3/4" - 2"
Std chamber kit	Coarse
Std bush settings	16, 20, 25*, 30 / 5/8, 3/4, 1*, 1 1/4
Drive	wet clutch with PTO
Lubrication tank	
Capacity	250 litres / 66 USG

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Main conveyor	
Belt width	1000 mm / 39"
Discharge height	3960 mm / 12' 11"
Drive	Hydraulic
Tracks	
Length (centres)	4050 mm / 13' 3"
Width (shoe)	500 mm / 20"
Control	Radio / Umbilical
Power pack	
Engine	CAT C9 & C9.3B Stage 5 / T4F 280 kW / 375 hp Stage 3A Constant Speed 279 kW / 375 hp Tier 3 261 kW / 350 hp
Diesel tank capacity	660 litres / 174 USG
Hyd tank capacity	660 litres / 174 USG
Transport dimensions	
Length	15,800 m / 51' 10"
Width	2800 m / 9' 2"
Height	3800 m / 12' 5"
Standard weight	40,000 kg / 88,185 lbs
Operating dimensions	
Length	15,530 m / 50' 11"
Width	3120 m / 10' 2"
Height	4770 m / 15' 7"
Performance	
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 hopper with wear resistant liner
 Feed conveyor belt including heavy duty impact bed
 Metal detector (over and under)
 Main conveyor complete with dust covers
 Camera on crusher feed hopper
 Pull stop cords
 Dust suppression spray bars
 Level sensor on crushing chamber
 Remote diesel pump
 Tool kit
 Light mast and cabinet lights
 Radio control tracking, proportional
 Hydraulic water pump
 Folding hopper extensions for rear loading
 My Fleet telematics

*For option availability please speak with your local Sandvik representative.