

Sandvik QH332

Tracked cone crusher

The QH332 is a robust mobile cone crusher designed for versatility, safety and high performance. Featuring the Sandvik CH430 cone crusher, it comes with a number of features to ensure maximum uptime and minimum operator intervention.



Key benefits

Reliability

- Market leading Sandvik CH430 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
- No crusher backing required which allows the crusher to operate immediately after a liner change
- 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 QH332 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
- Backing less liners removes the need to use hazardous material

Technical specification

Key specifications	QH332
Hopper	
Capacity	5 m ³ / 6.5 yds ³
Capacity with extensions	6.5 m ³ / 8.5 yds ³
Rear loading height	3.05 m / 10"
Rear loading width	2.27 m / 7' 6"
Feed conveyor	
Belt width	1000 mm / 39"
Drive	Hydraulic variable speed
Metal detector type	Bridge coil
Extended main conveyor	
Belt width	1000 mm / 39"
Discharge height	3.94 m / 12' 11"
Drive	Hydraulic
Crusher	
Cone	Sandvik CH430 cone
Speed	369 rpm to 390 rpm
Max feed size	214 mm / 8.4"
CSS range	4 - 41 mm / 0.2 - 1.6" *
Drive	Wet clutch with PTO
Lubrication tank	
Capacity	250 litres / 66 USG

Key specifications	QH332
Tracks	
Length (centres)	4.2 m / 13' 9"
Width (shoe)	500 mm / 20"
Control	Radio / Umbilical
Power pack	
Engine	CAT C9.3B Stage 5 / T4F 280 kW / 375 hp CAT C9 T3 261 kW / 350 hp CAT NR4 (China) 280 kW / 375 hp
Diesel tank size	660 litres / 174 USG
Hydraulic tank size	660 litres / 174 USG
Transport dimensions	
Length	15.87 m / 52'
Width	2.94 m / 9' 6"
Height	3.40 m / 11' 2"
Standard weight	38,031 kg / 86,048 lbs
Operating dimensions	
Length	16.00 m / 52' 5"
Width	3.12 m / 10' 2"
Height	4.37 m / 14' 4"
Performance	
Max feed size	214 mm / 8.4"
Capacity (up to)	220 tph / 242 stph **
Travel speed	0 - 1 / 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 complete with roller 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



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* Variant dependent ** Application specific. Please contact a Sandvik representative for clarification on specifications and options Sandvik reserves the right to make changes to the information on this data sheet without prior notification to users