



# QH332 HYDROCONE PIONEERING SOLUTIONS FOR YOU

## TECHNICAL SPECIFICATION

**The QH332 mobile cone crusher has been designed to meet accurate aggregate product quality demands through the use of the Sandvik CH430 cone crusher. The QH332 gives customers the advantage of our unique chamber design fitted with Sandvik CLP liners. This results in excellent high quality cubicle shaped aggregates to be produced throughout the entire liner life, without any detriment to production requirements.**

The Sandvik CH430 cone is a world leading piece of crushing technology, equipped with a hydroset system which provides both safety and setting adjustment functions. The automatic setting regulation system not only optimizes production, it also keeps track of liner wear, thus making it easy to plan liner changes and minimize interruptions in production.

### KEY BENEFITS

- Direct drive through a Wet clutch with eight SPC drive belts to ensure maximum fuel efficiency and power delivery.
- Greatly improved efficiency and power transfer resulting in tighter close side settings, and larger bush variations for precision crushing.
- Optional double deck modular hanging screen available to provide a 1, 2 or 3 way split.
- Modular double deck hanging screen can be quickly detached to operate in open circuit.
- Superb access around the crusher for easy maintenance, especially during liner changes.
- The diesel and hydraulic tank are easily accessible from the front platform on the machine with inspection covers.
- Steel pipe work used extensively for superior heat dissipation, and a maintenance free sealing solution.
- For enhanced control and efficiency engine data outputs may be viewed via the colour PLC screen.
- Hydraulically driven cooling fan allows speed control producing increased efficiency, and auto reverse facility to periodically back flush any dust build up in the radiator.
- Hydroset facility incorporated into the plant hydraulic system for increased reliability and response time and reduced service requirements.
- Bridge Coil (up and over) metal detector fitted to the feed conveyor for stable and controlled detection.
- The lubrication tank has internal coupling drives, gear wheel flow meter and internal lubrication heater and heat exchanger for rapid cold start up times.
- Remote camera viewing the crushing chamber enables the operator to ensure a choke feed without the need to access the machine.
- Machine is fitted with My Fleet remote monitoring system as standard, for live monitoring of plant, hours, location etc.



KEY SPECIFICATIONS	QH332
<b>Hopper</b>	
Nominal capacity	5 m <sup>3</sup> / 6.5 yds <sup>3</sup>
Nominal capacity with extensions	6.5 m <sup>3</sup> / 8.5 yds <sup>3</sup>
Rear loading height	3055 mm / 10"
<b>Feed conveyor</b>	
Belt width	1000 mm / 39"
Drive	Hydraulic variable speed
Metal detector type	Bridge coil
<b>Crusher</b>	
Cone	Sandvik CH430 crusher
Speed	369 rpm to 390 rpm
Feed opening	185 mm / 7.25"
CSS range	6 - 41 mm / ¼" - 1½"
Std chamber kit	EC
Chamber options	F-MF-M-MC-C
Std bush settings	22, 25*, 29 mm / ⅞, 1", 1½"
Drive	wet clutch with PTO
<b>Lubrication tank</b>	
Capacity	250 litres / 66 USG

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<b>Extended main conveyor</b>	
Belt width	1000 mm / 39"
Discharge height	3940 mm / 12' 11"
Drive	Hydraulic
<b>Tracks</b>	
Length (centres)	4200 mm / 13' 9"
Width (shoe)	500 mm / 20"
Control	Radio / Umbilical
<b>Power pack</b>	
Engine	CAT C9 Tier 3 261 kW / 350 hp CAT C9 Stage 3A Constant Speed 279 kW / 375 hp CAT C9.3B Stage 5 / T4F 280 kW / 375 hp
Diesel tank capacity	660 litres / 174 USG
Hyd tank capacity	660 litres / 174 USG
<b>Transport dimensions</b>	
Length	15,820 m / 51' 10"
Width	2800 m / 9' 2"
Height	3400 m / 11' 2"
Standard weight	35,400 kg / 78,044 lbs
<b>Operating dimensions</b>	
Length	15,500 m / 50' 10"
Width	3120 m / 10' 2"
Height	4370 m / 14' 4"
<b>Performance</b>	
Max feed size	185 mm / 7.25"
Capacity (up to)	220 tph / 242 stph
Travel speed	0 - 1 kph / 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  
 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.