



# SANDVIK QH332 HYDROPHONE CRUSHER

## TECHNICAL SPECIFICATIONS

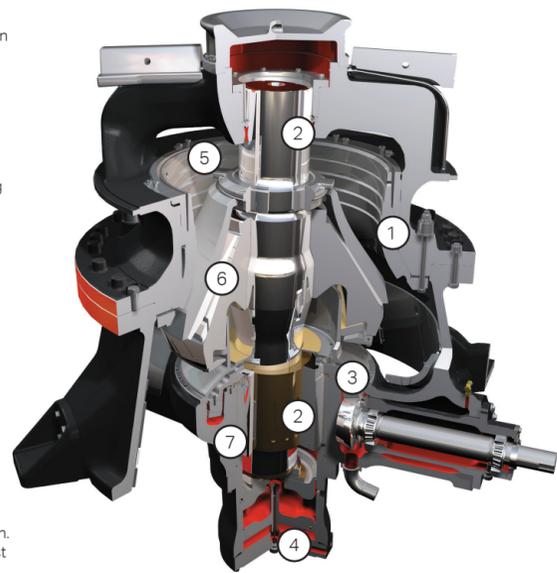
KEY SPECIFICATIONS	DATA
Crusher type	Sandvik CH430 cone
Speed	369 rpm to 390 rpm
Feed opening	185 mm / 7.25"
CSS range	6 - 41 mm / ¼" - 1½"
Drive	wet clutch with PTO

KEY SPECIFICATIONS	DATA
Power pack	
Engine type	CAT C9.3B Stage 5 / T4F 280 kW / 375 hp CAT C9 T3 261 kW / 350 hp
Diesel tank size	660 litres / 174 USG
Hydraulic tank size	660 litres / 174 USG

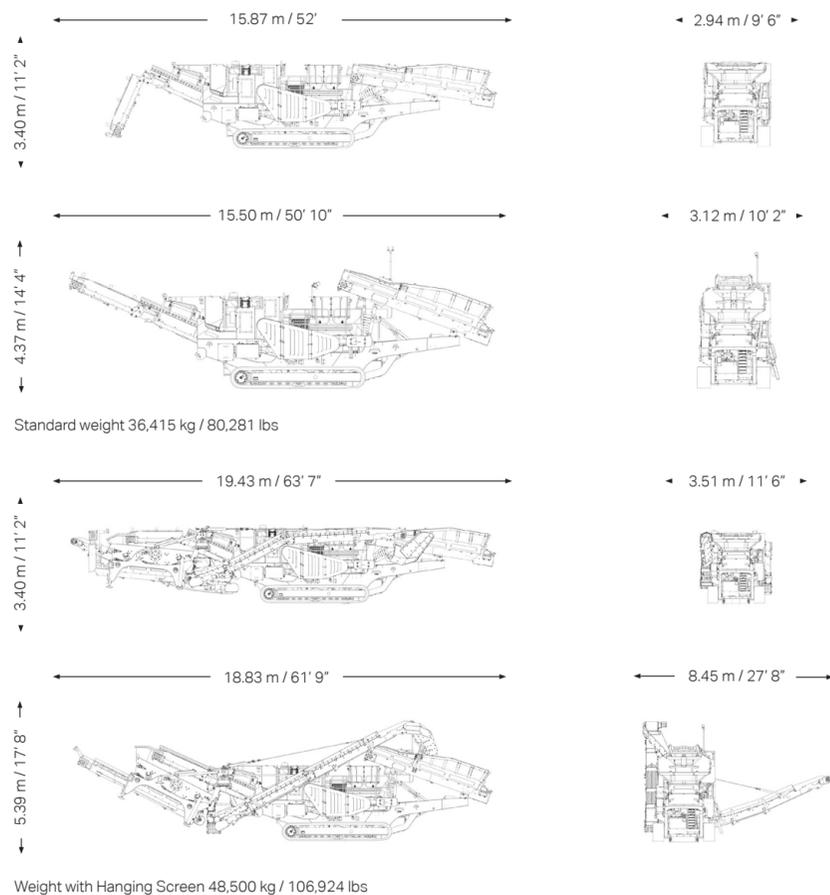
Note. All weights and dimensions are for standard units only

Featuring the proven, high performing Sandvik CH430 Hydrocone. Available with optional double deck hanging screen system.

- ① - Modular design with filler ring for ultimate flexibility  
- Unique crusher design eliminates the need for anti-spin device on head
- ② - Main Shaft is supported from both the Top and Bottom giving additional strength
- ③ - Helical drive gear arrangement for maximum durability and smooth, quiet operation
- ④ - Single piston design for gap setting and over load protection. CSS can also be adjusted whilst crushing



- ⑤ - CLP Liners are designed to keep maximum feed size into the cone throughout the wear life of the liners. All liner options fit in one top shell  
- Constant liner opening results in constant production performance throughout liner life  
- No crusher backing required
- ⑥ - Longer crushing chamber due to top & bottom support which gives superior product shape in the chamber
- ⑦ - Eccentric arrangement has multiple settings to suit the required application  
- Eccentric throw can be changed by simply turning the bush  
The throw range is the most extensive in the market



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# QH332 HYDROCONE CRUSHER

KEY SPECIFICATIONS	DATA
Equipment	Sandvik CH430 cone
Maximum feed size	185 mm / 7.25"
Engine	CAT C9.3B Stage 5 / T4F 280 kW / 375 hp CAT C9 T3 261 kW / 350 hp
Transport dimensions (Standard)	15.87 m / 52' (l) 2.94 m / 9' 6" (w) 3.40 m / 11' 2" (h)
Standard weight Weight with HS	36,415 kg / 80,281 lbs 48,500 kg / 106,924 lbs

## HIGH QUALITY CONE CRUSHING

The QH332 is our latest development in our cone crushing portfolio. It offers the option of a detachable double deck hanging screen and My Fleet remote monitoring system.

Designed to offer a compact, robust and high quality mobile cone crusher, it is fitted with the renowned Sandvik CH430 cone crusher. This comes with a choice of six different crushing chambers and various eccentric bush settings making it one of the most flexible cone crushers in the market today.

The CH430 cone is equipped with a Hydroset CSS regulation system that optimises production and keeps track of liner wear. The direct drive system provides the QH332 a more efficient use of power and consequently enhances its operational capabilities and lowers fuel consumption.

## STANDARD FEATURES INCLUDE:

- Emissions compliant engine, plant designed for optimum fuel economy and low operating costs
- Camera overseeing the crushing chamber allows the operator full visibility of the feed material entering the crushing chamber
- A level sensor above the crushing chamber controls the automated variable speed feed conveyor to ensure maximum production, reduction and shape
- Capable of operating in the most hostile environments with a 50°C ambient temperature capability with just a change of lubrication oil
- Suitable for a wide variety of quarry applications from the soft limestones through to the hardest of basalts

- 2 Feeder**
- Automated variable speed feed conveyor to ensure maximum production, reduction and shape
  - Bridge Coil (up and over) metal detector fitted to the feed conveyor providing optimum stability and controlled detection

- 3 Cone**
- Fitted with the proven CH430 Sandvik Hydrocone for strength and reliability
  - Equipped with Hydroset CSS regulation system for optimum production and protection
  - No crusher backing required behind the liners
  - Various eccentric bush settings available to optimize product gradation and capacity
  - Hydraulic over load system for tramp material

- 4 Power pack**
- Emissions compliant engine
  - Direct drive to ensure maximum power transfer for high production capacity
  - Easy access for service and maintenance
  - Ground level drainage points
  - Large capacity diesel tank 660 litre / 174 USG
  - My Fleet telematics 

- 5 Cooling fan**
- Hydraulically driven cooling fan with auto reverse to back flush dust from radiator

- 1 Hopper**
- Reinforced hydraulically folding hopper
  - Improved level sensor control system for the feeder drive to ensure continuous uninterrupted crushing
  - Wear resistant liner plates
  - Hydraulic folding hopper extensions for increased hopper capacity and rear loading

- 11 Chassis**
- Heavy duty fabricated chassis on a tracked frame

- 10 Tracks**
- 500 mm / 20" wide tracks driven by umbilical control
  - Radio remote control, proportional tracking as standard

- 9 Steel pipework**
- Provides a safe and maintenance-free sealing solution, combined with better heat dissipation

- 8 Control system**
- Highly efficient hydraulic and electric system provide ultimate system control
  - A full colour PLC screen with a simple operator interface combined with a level sensor above the crushing chamber and load control system allows for a fully automated crushing process

- 7 Hanging screen system (optional)**
- 4 x 1.5 m / 13' x 5' double deck screen for recirculation back to feed conveyor, or stockpiling through 90° rotation of oversize conveyor to produce two products
  - Fully detachable screen for flexible operation
  - Multi-functional and quick conversion from open to closed circuit in 30 minutes
  - Flexibility to change from double to single deck
  - Optional stockpile conveyor for 3rd product

- 6 Main conveyor**
- 1.00 m / 39" wide main conveyor with a discharge height of 3.94 m / 12' 11"
  - Dust suppression spray bars and canvas covers fitted as standard



## STANDARD FEATURES



Camera and level sensor to ensure continuous feed



Bridge coil metal detector for controlled detection



Direct drive for maximum fuel efficiency



Steel pipework for better heat dissipation



Easy access to the engine compartment



User friendly PLC control system with colour screen