



QH441 HYDROCONE PIONEERING SOLUTIONS FOR YOU

TECHNICAL SPECIFICATION

The direct drive QH441 features the world-leading CH440 Sandvik Hydrocone of which there are thousands of installed units worldwide. Designed for minimal operator intervention, the QH441 utilizes latest technology to ensure uninterrupted productivity. Although specifically aimed at the large operator, the QH441 is engineered for ease of mobility, with a rapid set-up time.

The cone comes with a wide choice of concaves and eccentric bush settings offering customers ultimate flexibility and making the Sandvik cone crusher one of the most versatile tracked cones on the market.

KEY BENEFITS

- Heavy-duty, hydraulically positioned feed conveyor with wear resistant liners.
- Up and over metal detector to provide ultimate cone protection from tramp material.
- Automated variable speed feed conveyor to ensure maximum production, reduction and shape.
- The QH441 is fitted with the CH440 Sandvik cone which has a choice of six concaves and a CSS range of 8 mm to 48 mm allowing a feed size of up to 215 mm.
- Capable of up to 388 TPH.
- 8 available bush settings to give an eccentric throw range from 16 mm to 44 mm.
- Remote camera viewing the crushing chamber ensures full visibility without the need to access the machine.
- 13 litre diesel engine with direct drive to ensure maximum power delivery and fuel efficiency.
- The machine is designed for ease of mobility, for rapid set up time and transportation.
- Capable of operating in the most hostile environments with a 50°C ambient temperature capability with just a lubrication oil change.
- One of the most versatile tracked machines on the market to suit the most arduous application requirements.
- Jacking legs for increased stability and ease of maintenance.
- Machine is fitted with My Fleet remote monitoring system as standard, for live monitoring of plant, hours, location etc.



KEY SPECIFICATIONS	QH441
Hopper	
Nominal capacity	6.3 m ³ / 8.25 yds ³
Nominal capacity with extensions	10.2 m ³ / 13.3 yds ³
Rear loading height	3490 mm / 11' 5"
Rear loading height (door lowered)	3090 mm / 10' 1"
Feed conveyor	
Belt width	1200 mm / 47"
Drive	Hydraulic variable speed
Metal detector type	Bridge coil
Crusher	
Cone	Sandvik CH440
Speed	327 rpm to 346 rpm
Feed opening	215 mm / 8.5"
CSS range	8 - 48 mm / 5/16" - 1 7/8"
Std chamber kit	EC
Chamber options	F-MF-M-MC-C
Std bush settings	32,36*,40,44 mm / 1¼, 1⅜*, 1½, 1¾"
Lubrication tank	
Capacity	250 litres / 66 USG

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Main conveyor	
Belt width	1200 mm / 47"
Discharge height	3739 mm / 12' 3"
Tracks	
Length (centres)	3715 mm / 12' 2"
Width (shoe)	500 mm / 20"
Control	Radio / Umbilical
Power pack	
Engine	CAT C13 Tier 3 328 kW / 440 hp CAT C13 T4F 328 kW / 440 hp CAT C13B Stage 5 / T4F 340 kW / 456 hp
Diesel tank capacity	990 litres / 262 USG
Hyd tank capacity	990 litres / 262 USG
Transport dimensions	
Length	17,210 m / 56' 5"
Width	2950 m / 9' 8"
Height	3800 m / 12' 5"
Standard weight	50,488 kg / 111,307 lbs
Operating dimensions	
Length	16,560 m / 54' 4"
Width	3320 m / 10' 10"
Height	4910 m / 16' 1"
Performance	
Maximum feed size	215 mm / 8.5"
Capacity (up to)	388 tph / 435 stph
Travel speed	0 - 1.3 km/h / 0 - 0.8 mph
Max incline / Side to side	20° / 10°

Note. All weights and dimensions are for standard units only

STANDARD SPECIFICATION

Feed hopper with wear resistant liner
Metal detector (over and under)
Main conveyor complete with dust covers
Hydraulic jacking legs
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.