



SANDVIK QS332 HS MOBILE CONE CRUSHER

TECHNICAL SPECIFICATION

The QS332 HS model is a robust mobile gyratory cone crusher complete with modular double deck hanging screen. Designed for versatility, safety and high performance, it features the CS430 Sandvik S type gyratory cone crusher which can accept large feed sizes and achieve high production capacities.

KEY BENEFITS

| | |
|--------------------------|--|
| Reliability | <ul style="list-style-type: none">- 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 | <ul style="list-style-type: none">- 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- 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- Modular double deck hanging screen with patent pending adjustment system to provide a 1, 2 or 3 way split- Open or closed circuit set-up can be achieved in less than 30 minutes |
| Cost of ownership | <ul style="list-style-type: none">- 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 | <ul style="list-style-type: none">- 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- Hanging screen is fully detachable without the need for additional lifting equipment- 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- Hanging screen is fully detachable without the need for additional lifting equipment |
| Sustainability | <ul style="list-style-type: none">- Latest emissions compliant Stage V engine for reduced emissions- Dust suppression system minimizes dust emissions reducing environmental impact |





| KEY SPECIFICATIONS | QS332 HS |
|---------------------------|---|
| Hopper | |
| Capacity | 5 m ³ / 6.5 yds ³ |
| Capacity with extensions | 6.5 m ³ / 8.5 yds ³ |
| Rear loading height | 3450 mm / 11' 4" |
| Rear loading width | 2300 mm / 7' 6" |
| Feed conveyor | |
| Belt width | 1000 mm / 39" |
| Drive | Hydraulic variable speed |
| Metal detector type | Bridge coil |
| Crusher | |
| Cone | Sandvik CS430 cone |
| Speed | 346 rpm to 366 rpm |
| Feed opening | up to 360 mm / 14" |
| CSS range | 19 mm - 51 mm / ¾" - 2" * |
| Drive | Wet clutch with PTO |
| Main conveyor | |
| Belt width | 1000 mm / 39" |
| Discharge height | 3960 mm / 12' 11" |
| Drive | Hydraulic |
| Screen | |
| Size (open area) | 4000 mm x 1500 mm / 13' x 5' |
| Number of decks | 2 |
| Number of bearings | 2 |
| Operating angle | 20° - 24° - 27° (DD breaker deck) |
| Minimum mesh size | 16 mm / ⅝" |
| Maximum mesh size | 75 mm / 3" |
| Transfer conveyor | |
| Belt width | 650 mm / 25.5" |
| Re-circ conveyor | |
| Belt width | 500 mm / 20" |
| Discharge height | 5.39 m / 17' 8" |
| Stockpile conveyor | |
| Belt width | 500 mm / 20" |
| Discharge height | 2940 mm / 9' 6" |

| KEY SPECIFICATIONS | QS332 HS |
|-----------------------------|--|
| Fines conveyor | |
| Belt width | 1200 mm / 47" |
| Discharge height | 3670 mm / 12' |
| Lubrication tank | |
| Capacity | 250 litres / 66 USG |
| Tracks | |
| Length (centres) | 4050 mm / 13' 3" |
| 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 |
| Diesel tank capacity | 660 litres / 174 USG |
| Hyd tank capacity | 660 litres / 174 USG |
| Transport dimensions | |
| Length | 19.42 m / 63' 7" |
| Width | 3.54 m / 11' 6" |
| Height | 3.80 m / 12' 5" |
| Standard weight | 52,500 kg / 115,742 lbs |
| Operating dimensions | |
| Length | 19.34 m / 63' 5" |
| Closed circuit width | 8.46 m / 27' 9" |
| Open circuit width | 16.46 m / 54' |
| Height | 5.82 m / 19' 1" |
| 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 conveyor belt including heavy duty impact 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

For option availability please speak with your local Sandvik representative

* Application specific. Please contact a Sandvik representative for clarification on specifications and options
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