The QS441 is a tracked, self contained cone crusher with an on board diesel engine. Featuring the world leading CS440 Sandvik cone crusher the QS441 is capable of accepting large feed sizes and achieving exceptional throughput combined with high product quality.

It is 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. The QS441 represents the perfect combination of advanced cone crusher technology and tracked mobility.

**KEY BENEFITS**

- The chassis is constructed from heavy duty 'I' beam to ensure maximum durability
- The machine is designed for ease of mobility, for rapid set up time and transportation
- Heavy duty, hydraulically positioned feed conveyor with wear resistant liners
- Up and over metal detector to provide ultimate cone protection from tramp metal
- Automated variable speed feed conveyor via a level sensor to ensure maximum production and reduction of the material
- Hydraulically driven, variable speed cooling fan for maximum efficiency and auto reverse facility to back flush dust from the radiator
- Direct drive through a PT Tech wet clutch with ten SPC drive belts to ensure maximum fuel efficiency and power delivery
- Fitted with four jacking legs to provide a level operating platform and stability
- The CS440 cone has choice of three concaves and four eccentric settings from a single bush ranging from 20 mm to 36 mm
- The concave and bush settings give unrivalled flexibility regarding CSS ranges, production and material gradation
- Maximum feed size up to 450 mm and capable of up to 600 tph on the larger bush setting
- Superb access around the crusher for easy maintenance, especially during liner changes
- Remote camera viewing the crushing chamber enables the operator to set up and ensure a choke feed on the crushe from ground level
- Hydraulic driven hydraulic and lubrication coolers to deal with the most arduous conditions
- Can operate in the most hostile environments with a 50°C ambient capability
KEY SPECIFICATIONS

Hopper
- Nominal capacity: 6.3 m³ / 8.25 yds³
- Nominal capacity with extensions: 10.2 m³ / 13.3 yds³
- Rear loading height: 3547 mm / 11' 7 ½"
- With rear door lowered: 3162 mm / 10' 4 ½"
- With extensions: 3969 mm / 13' 0 ½"
- Rear loading width: 2630 mm / 8' 7 ½"
- Rear loading width with extensions: 3822 mm / 12' 6 ½"

Feed conveyor
- Hopper thickness: 10 mm / ⅜"
- Wear resistant hopper liners: 10 mm / ⅜"
- Belt width: 1200 mm / 47"
- Belt length: 13,150 mm / 43' 2"
- Incline angle: 22°
- Drive: Hydraulic variable speed

Crusher
- Cone: Sandvik CS440
- Speed: 289 rpm to 305 rpm
- Feed opening: up to 450 mm / 17 ¼"
- CSS range: 25 mm - 51 mm / 1" - 2"
- Std chamber kit: Medium coarse
- Std bush settings: 20, 25, 30, 36 / ¾, 1, 1 ½, 1 ½
- Drive: PT Tech 14" wet Clutch with PTO
- Drive belts: 10 off SPC Single belts
- Crusher weight: 19,300 kg / 42,549 lbs

Lubrication tank
- Capacity: 250 litres / 66 USG
- Fixed displacement flow meter: Yes
- Hyd driven oil cooler: Yes

COARSE AND EXTRA COARSE CHAMBER KIT
- Hydraulic folding hopper extensions for rear loading
- Central autolube (all bearings)
- Arctic package -20°C (-4°F) (52 grade hydraulic oil, engine oil and 100 grade lubrication oil)
- Arctic package -30°C (-22°F) (Arctic hydraulic oil, engine oil, 100 grade lubrication oil and webasto coolant heater)
- Tropical package (220 grade lubrication oil for + 30°C ambient)
- Main conveyor level sensor (stockpile monitor)
- Lighting mast and cabinet lights
- Tool box and contents
- Remote diesel pump (electric)

OPTIONS

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KEY SPECIFICATIONS

Main-conveyor
- Belt width: 1200 mm / 47"
- Belt length: 21,600 mm / 70' 10"
- Discharge height: 3739 mm 12' 3 ¼"
- Head drum diameter: 371 mm / 14 ½"
- Tail drum diameter: 265 mm / 10 ½"
- Drive: Hydraulic
- Motor: 624 cc / 38.1 cu inch

Tracks
- Length (centres): 3715 mm / 12' 2"
- Width (shoe): 500 mm / 19 ¾"
- Drive: Hydraulic / Gearbox
- Control: Radio / Umbilical

Power pack
- Engine: Stage 3A / Tier 3 CAT C13 Acert / Stage 3B / Tier 4i CAT C13 Acert / Stage 4 / Tier 4 Final CAT C13 Acert
- Engine power: 328 kW / 440 hp
- Diesel tank capacity: 990 litres / 262 USG
- Hyd tank capacity: 990 litres / 262 USG

Transport dimensions
- Length: 17.47 m / 57' 4"
- Width: 2.95 m / 9' 8 ½"
- Height: 4.0 m / 13' 1 ½"

Operating dimensions
- Length: 16.78 m / 55' ½"
- Width: 3.32 m / 10' 10 ½"
- Height: 5.05 m / 16' 7"
- Standard weight: 55,753 kg / 122,914 lbs

Performance
- Max feed size: 450 mm / 17 ¾"
- Capacity (up to): 600 tph / 661 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