



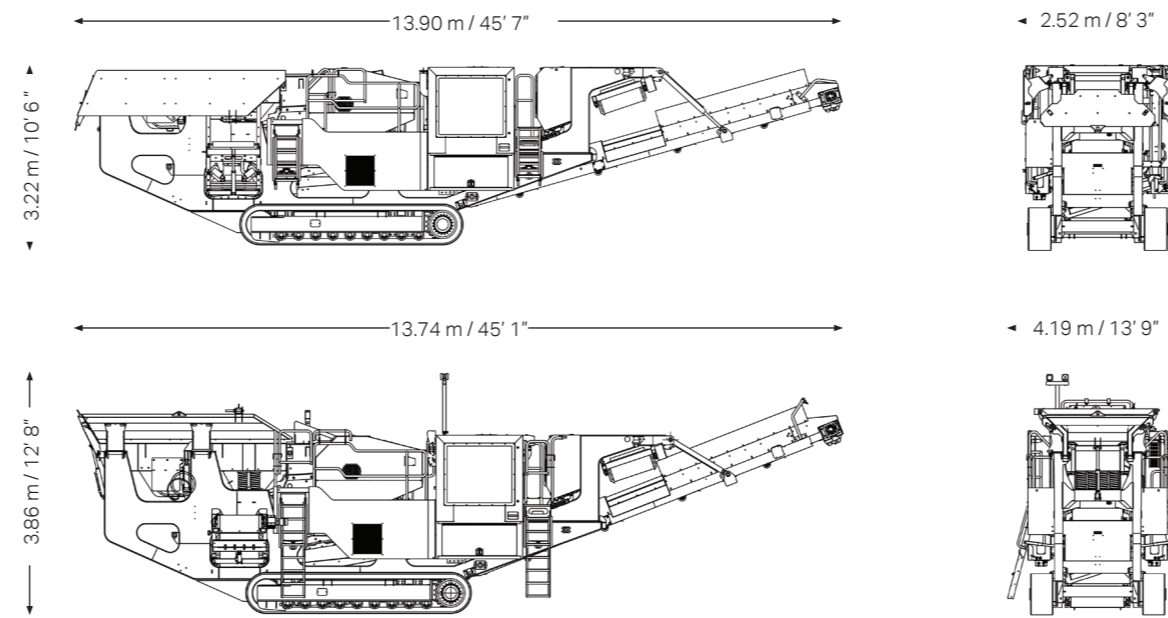
SANDVIK QJ241 JAW CRUSHER

TECHNICAL SPECIFICATIONS

KEY SPECIFICATIONS	DATA
Crusher	
Type	Single toggle C10 jaw
Feed opening	1.00 m x 650 mm / 40" x 26"
Speed	up to 312 rpm
Adjustment type	Hydraulic wedge
CSS range	50 - 130 mm / 2" - 5"

KEY SPECIFICATIONS	DATA
Power pack	
Engine	CAT C7.1 Stage 5 / T4F 168 kW / 225 hp CAT C7.1 T3 168 kW / 225 hp Cummins EU Stage 5 / EPA T4F 188 kW / 252 hp
Diesel tank capacity	660 litres / 174 USG
Hydraulic tank capacity	660 litres / 174 USG

Note. All weights and dimensions are for standard units only

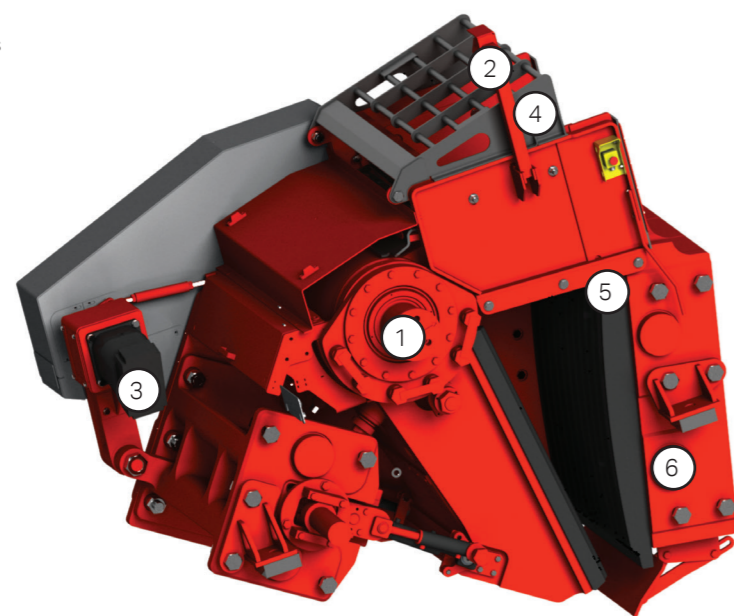


Standard transport weight 33,500 kg / 73,855 lbs

1 Heavy duty shaft and bearings with automatic greasing system as standard

2 Level sensor to optimize feed rate into the crusher

3 Heavy duty torque arm and bent axis motor providing a robust drive and easy belt adjustment



4 Jaw guard to withstand heavy forces of ejected material from the jaw

5 Optitooth™ jaw plates fitted as standard

6 Bolted mainframe for maximum strength and durability.



QJ241 JAW CRUSHER

KEY SPECIFICATIONS	DATA
Equipment	Single toggle C10 jaw
Feed opening	1.00 m x 650 mm / 40" x 26"
Maximum feed size	520 mm ³ / 21 inch ³
Engine	CAT C7.1 Stage 5 / T4F 168 kW / 225 hp CAT C7.1 T3 168 kW / 225 hp Cummins EU Stage 5 / EPA T4F 188 kW / 252 hp
Transport dimensions	13.90 m / 45' 7" (l) 2.52 m / 8' 3" (w) 3.22 m / 10' 6" (h)
Weight	33,500 kg / 73,855 lbs

HIGH MOBILITY

The QJ241 is the most compact unit in the world leading series of jaw crushers from Sandvik. Specifically designed for the smaller operation, it can achieve impressive rates of production with excellent reduction ratios.

The machine is equipped with an extended main conveyor which can be hydraulically raised or lowered, making it the ideal solution for rebar clearance in recycling applications.

Although purpose developed for the contractor and recycling markets the crusher is equally productive and suitable for quarry operators seeking easy manoeuvrability and high quality.

FEATURES INCLUDE:

- Emissions compliant engine, plant designed for optimum fuel economy and low operating costs
- Automatic central lubrication system to reduce maintenance time
- 50°C ambient temperature capability without the need for a change of oil
- Reverse crushing action to relieve blockages, crush sticky problematic materials and asphalt
- Jaw level sensor included for optimum regulation of material flow into the crusher
- Fitted with 18% Optitooth™ jaw plates as standard

- ② Feeder
 - Large capacity vibrating variable speed stepped grizzly feeder
 - Improved load control system for the feeder drive to ensure continuous, uninterrupted crushing

- ① Hopper
 - Reinforced hopper with hydraulically folding doors for quick setup
 - Wear resistant liner plates

- ③ Jaw
 - High performing 1.00 m x 650 mm / 40" x 26" jaw
 - Hydraulically adjustable CSS for a variety of applications
 - Reversible crushing action to relieve blockages and for crushing asphalt
 - Level sensor fitted to jaw to optimize feed rate into the crusher
 - Optitooth™ jaw plates for extended life, increased throughput and reduced fuel consumption

- ④ Power pack
 - Emissions compliant engine
 - Easy access to engine compartment for service and maintenance
 - Ground level drainage points
 - Large capacity 660 litres / 174 USG diesel tank
 - My Fleet telematics with 7 year data subscription

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

- ⑥ Main conveyor
 - 800 mm / 32" wide conveyor with a discharge height of 3.44 m / 11' 3"
 - Hydraulic raise / lower facility to give increased clearance for rebar discharge in recycling applications
 - Tunnel arrangement to reduce catchment points in recycled materials
 - Speed wheel fitted to the main conveyor to stop the feeder
 - Dust suppression spray bars fitted as standard
 - Overband magnet removes rebar for recycling and demolition applications
 - Canvas covers

- ⑦ Chassis
 - Heavy duty fabricated chassis on a tracked frame

- ⑪ Natural fines conveyor
 - Belt width 650 mm / 26"

- ⑩ Steel pipework (other side of machine)
 - Provides a safe and maintenance-free sealing solution, combined with better heat dissipation

- ⑨ Tracks
 - 400 mm / 16" wide tracks driven by proportional umbilical control
 - Radio control proportional tracking as standard

- ⑧ Control system
 - Highly efficient hydraulic and electrical system provides ultimate system control
 - User friendly PLC control system with colour screen for full automated control



STANDARD FEATURES



Hydraulic raise and lower facility



User friendly PLC control system with colour screen



Steel pipework for better heat dissipation



Easy access to engine compartment



Tunnel arrangement



Long main conveyor for massive stockpiling