

# J-1170 Jaw Crusher



## **SPECIFICATION:**

Inlet Opening:		1100mm x 700mm (43.3" x 27.6")
Net Engine Power	Tier 3/Stage 3A:	Caterpillar C9 261kW (350hp)
	Tier 4i/Stage 3B:	Scania DC9 70A 275kW (345hp)
Portability:		Tracked
Operating Weight:		45,100kg (99,428lbs)
		<i>(with HA chamber, standard VGF, Magnet and by-pass conveyor)</i>
		<i>Other options available</i>

**WORKS FOR YOU.**<sup>TM</sup>

# SPECIFICATION

## JAW CHAMBER

Inlet width: 1100mm (43.3")

Inlet gape: 700mm (27.6")

Hydrostatic drive

Reverse action for clearing blockages

Hydraulic assist css (HA)

CSS Min 50mm (2")

CSS Max 150mm (5.9")

Hydraulic release option (HR) (+500kgs/1102lbs)\*

Hydraulic deflector plate- optional

520mm (20.5") Under jaw clearance with wide access points

## MAIN CONVEYOR

Belt: 1000mm (40")

Discharge height: 3100mm (10' 2") with standard conveyor

Wear resistant liners at feed point

Impact bars at feed point

Fully tunnelled lower section

Hydraulic raise/lower of head section for service access

Ground clearance in transport mode 300mm (11.8") -Hydraulic raise/lower

520mm (20.5") Clearance between belt and jaw

Optional extension extends discharge height to 3915mm (12' 12"), incorporates folding head section for transport

## HOPPER AND FEEDER

Hopper Capacity: 9m<sup>3</sup> (11.7yd<sup>3</sup>)

Hydraulic hopper locks

10mm wear resistant steel side walls

Vibrating Grizzly feeder

Feed-in height: 4010mm (13' 2")

Width at rear: 2400mm (7' 10")

Hopper extensions- up to 11m<sup>3</sup> (14.4yd<sup>3</sup>)

Optional Independent Hydraulic Prescreen- modular hopper feeder construction- feed height 4275mm (14') (+1500kgs / 3300lbs)

## POWERPACK

Tier 3/Stage 3A: Caterpillar C9 261kW (350hp)

Tier 4i/Stage 3B: Scania DC9 70A 275kW (345hp)

Caterpillar C9 (Tier 3) also available

500L Fuel tank (109UK Gal / 132 US Gal)

530L Hydraulic tank (116UK Gal / 140 US Gal)

## UNDERCARRIAGE

Bolt on tracks

Shoe: 500mm (20")

Sprocket centres: 3780 mm (12' 5")

2 Speed with 'soft start'

## CHUTES

Heavy duty inlet chute with bolt-up construction, and liner plates

By-pass chute with selectable discharge flop gate, to either by-pass conveyor or main conveyor

## CATWALKS

Catwalks on left hand side only- access around power unit, chamber and hopper forward section

Compact folding for transport

## CONTROL SYSTEMS

Advanced electronic control system

Colour screen interface

Auto start/stop or manual mode

Test/setup mode with inbuilt diagnostics and error logging

## BY-PASS CONVEYOR

650mm (26") Belt width, 3 Ply, 3mm top, 1.5mm bottom

Standard discharge height: 2900mm (9' 6")

## OPTIONS

Remote unit

Magnet

Lighting mast

Hydraulically driven water pump for dust suppression

Beltweigher

Electric refuelling kit

Cold climate kit

Hot climate cooler kit

Hot climate lube kit

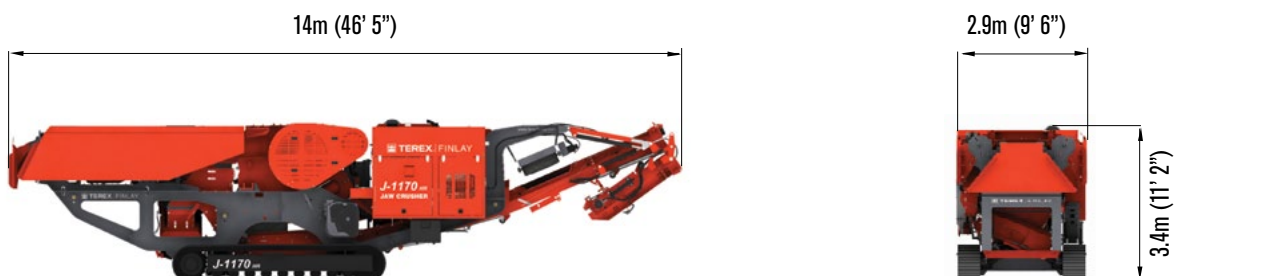
Hydraulic release chamber

Portable urea filling pump

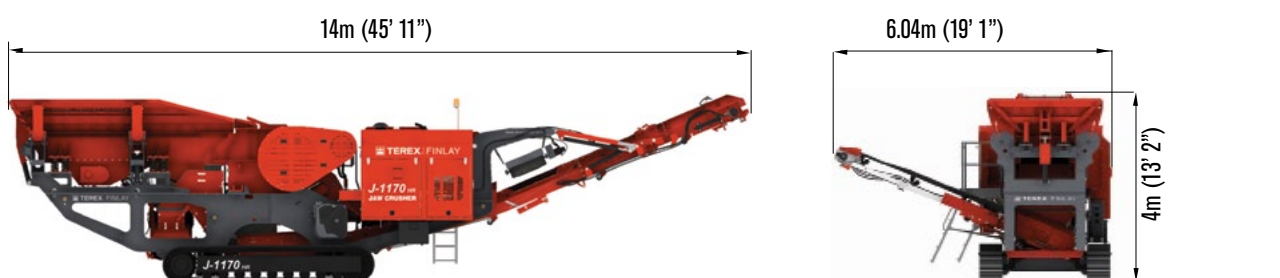
Main conveyor extension

Rip stop main belt

## TRANSPORT DIMENSIONS



## WORKING DIMENSIONS



*Note:* Machine illustrated includes options:

- Extended main conveyor
- Magnet
- Bypass Conveyor

## PLANT SPECIFICATIONS

TRANSPORT	Base Machine - with standard VGF - with Magnet and by-pass	Base Machine - with IHP Module - with Magnet and by-pass conveyor
Width	2.9m (9' 6")	2.9m (9' 6")
Height	3.4m (11' 2")	3.665m (12' 0")
Length	14m (45' 11")	14m (45' 11")
WORKING		
Width	6.04m (19' 10")	6.04 (19' 10")
Height	4m (13' 2")	4.275m (14')
Length	14m (45' 11")	14m (45' 11")
WEIGHT		
Jaw Type	HA 45,100kgs (99,428lbs)	46,600kgs (102,735lbs)
	HR 45,600kgs (100,531lbs)	47,100kgs (103,838lbs)

