



TECHNICAL SPECIFICATION

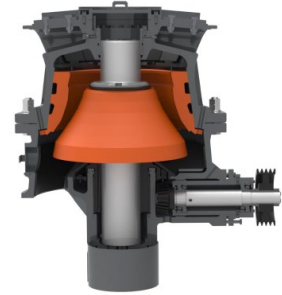
PORTAFILL MC-8



* All drawings dimensions approximate and in millimetres and feet and inches. Portafill International reserves the right to alter the specification of the machines without notice. Images may show some optional equipment. E & OE.

CONE CRUSHER

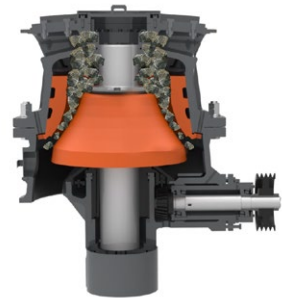
Crusher Type	Hydrocone
Crusher Drive	Direct drive through V belts via clutch
CSS Adjustment	Hydraulic
Crusher Overload Protection	Yes
Maximum Lump Size	Depending on concave (see below)
Uncrushable Protection	Yes to max 38mm



NOMINAL FEED OPENINGS

CAVITY	OPENING	MIN CSS*	MAX CSS*
COARSE	160mm	20mm	35mm
MEDIUM	100mm	9mm	25mm
FINE	65mm	5mm	25mm
EXTRA FINE	35mm	4mm	20mm

NOTE: *Minimum and maximum CSS are indicative and for materials of 1,600kg/m³. Actual CSS that can be used will depend on size of feed material, grading, material feed type and moisture content.



HOPPER FEEDER

Hopper Sides	Hydraulic folding of sides and rear hopper doors. All controls on ground level.
Hopper Capacity	4.5 cubic meters (6 cu yard)
Feed Height (At rear door)	2630mm (8'7")
Feed Height (Side)	3200mm (10'6")
Feed Width (Without extensions)	3190mm (10'6")
Feed Width (With extensions)	3400mm (11'1")
Feed Width (At side)	3500mm (11'5")
Conveyor	Variable speed belt conveyor
Belt Width	1000mm (40")
Drive	Hydraulic drive via gearbox
Metal Detector	For detecting metal in the feed material. Will stop feed on activation
Feeder Control	Magic Eye sensor to control feed material into cone.



MAIN CONVEYOR

Belt Width	900mm (36")
Discharge Height	2800mm (9'2")
Folding Mechanism	Hydraulic folding for transport
Construction	Impact bed under crusher
Belt Type	Smooth
Speed Wheel	Stops machine if main conveyor stops

POWER

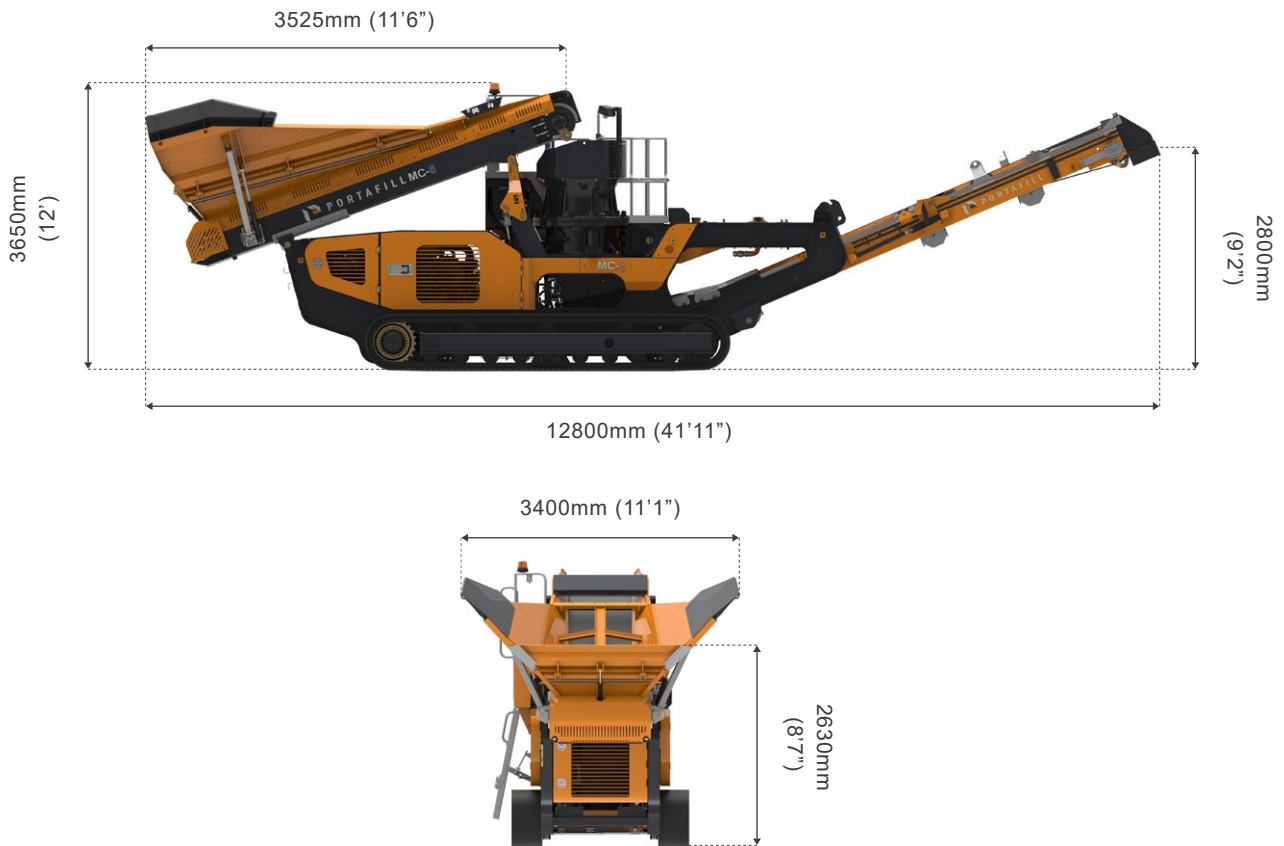
Engine	Volvo Penta D5 160kw (214HP), EU Stage IV or V, EPA Tier 3 or 4F
Engine	CAT C4.4 129kw (172HP) EU Stage IV or V, EPA Tier 3 or 4F
Cooling Type	Liquid Cooled
Fuel Tank Capacity	420L (110 US Gallon)
Hydraulic Tank Capacity	320L (85 US Gallon)
Adblue Tank Capacity	45L (11 US Gallon)
Air Filter	Scavenger Air Filter

MACHINE

Colour	RAL 2000 Orange and RAL 7015 Grey
Guards	Protection Guards
Tracking Control	Via Cabled Remote Control (Dog Lead)
Greasing	Remote greasing at centralised position as standard with optional automatic greasing
Platforms	Access platforms for maintenance

OTHER OPTIONS

1. Dust suppression
2. Radio operating remote
3. Belt scales
4. Refuelling pump
5. Feed hopper extensions
6. Automatic greasing

WORKING DIMENSIONS

TRANSPORT DIMENSIONS
