



PORTAFILL

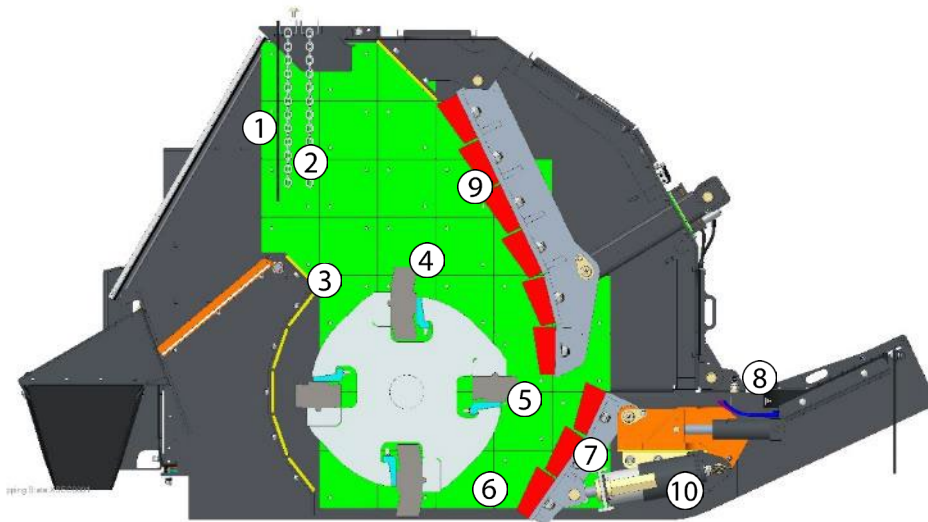
TECHNICAL SPECIFICATION

PORTAFILL MI-11



IMPACT CRUSHER

Rotor	4 Blow Bar
Crusher Opening	960 x 770mm (38" x 30")
Hydraulic Opening	960 x 920mm (38" x 36")
Rotor Diameter	1100mm (43")
Rotor Width	920mm (36")
Crusher Drive	Direct Drive from Engine via Belts
Crusher Overload Protection	Yes

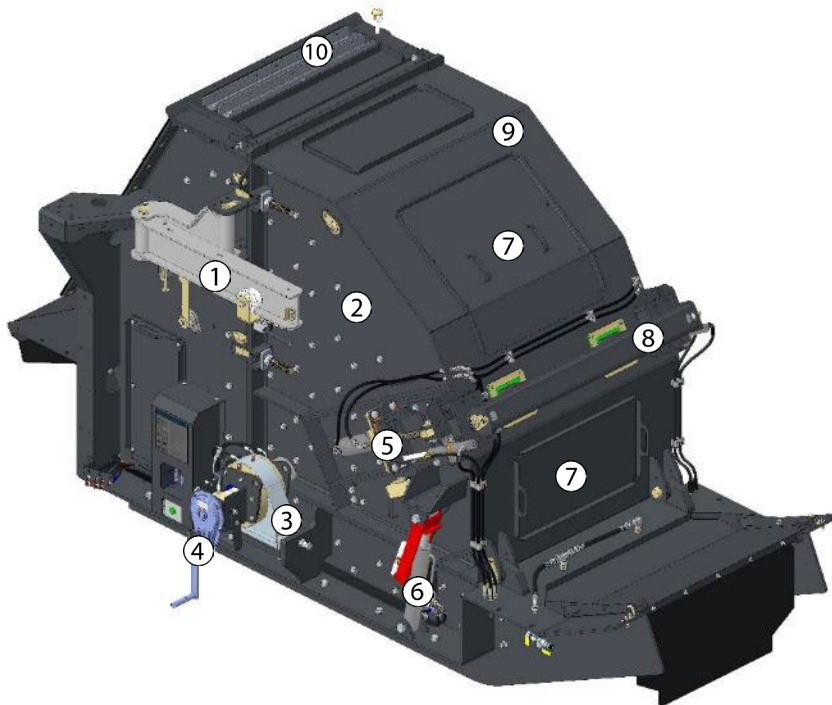


1	Rubber Curtain	6	Wear Liners
2	Chain Curtain	7	Impact Plate
3	Inlet Wear Bar	8	Dust Suppression
4	Long Blow Bar	9	Impact Block
5	Short Blow Bar	10	Impact Apron Adjustment

**All drawing dimensions approximate and in millimetres and feet and inches. Portafill International reserves the right to alter the specification of this machine without notice. E & OE*

IMPACT CRUSHER

Crusher Gap Setting	Hydraulic
CSS Range Top Apron	25-250mm (1"-10")
CSS Range Bottom Apron	12mm – 135mm (@55°)
	50mm – 180mm (@60°)
	90mm – 215mm (@65°)
	120mm – 250mm (@70°)
Further Adjustment	Gap can be adjusted depending on material
Maximum Feed Size	400 x 400mm (16" x 16") depending on material
Maximum Compressive Strength	100 Mpa

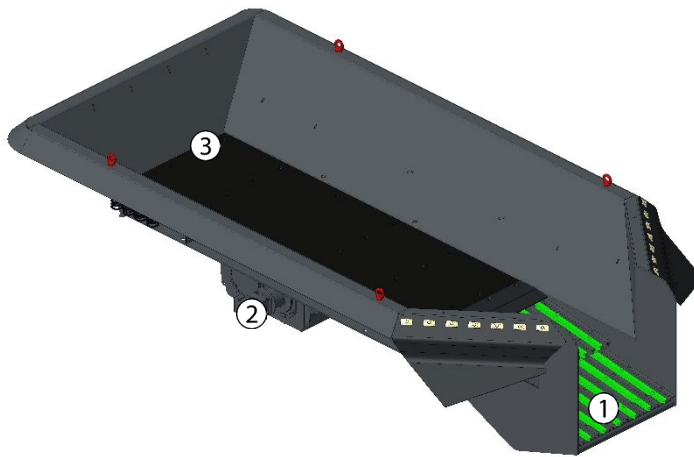


1	Blow Bar Change Arm	6	Crusher Open Close Cylinder
2	Main Crusher Body	7	Inspection Cover
3	Crusher Bearings	8	Jam Release Mechanism
4	Manual Rotor Turn	9	Crusher Hinged Section
5	Crushing Gap Adjustment	10	Hydraulic Raise Inlet

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FEEDER

Feeder Length and Width	3600mm x 2030mm (11'9" x 6'8")
Hopper Capacity	2m ³ or 3m ³ heaped (2.6 cu. yd. or 3.9 cu. Yd. heaped)
Pre-screening Grid Length and Width	1230 x 875mm (48" x 34") [25-50mm taper]
Pre-screening Discharge	Onto Main Conveyor or via side belt
Vibration Source	Hydraulic Motors
Feed to Crusher Control	Load Management on Feeder



- | | | | |
|---|----------------|---|---------------|
| 1 | Active Grizzly | 3 | Hardox Liners |
| 2 | Vibrating Unit | | |

CONVEYOR

Belt Width	1000mm (40")
Discharge Height	3030mm (9'11")
Folding Mechanism	Hydraulic Folding for Transport
Construction	Impact Bed Under Crusher
Belt Type	Smooth or Cleated Belt

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POWER

Engine	Volvo Penta D8
Emissions Type	EU Stage V, EPA Tier 4F 235Kw (315HP)
Optional Engine	EPA Tier 3 235Kw (315HP)
Cooling Type	Water Cooled
Air Filter	Scavenger Air Filter

OPTIONAL EXTRAS

- Closed loop recirculating screen and conveyor (Patent folding action)
- High Pressure Dust suppression
- Dirt Conveyor – [500mm wide, flat belt, 2520mm (8' 3") discharge height]
- Radio tracking remote
- Belt magnet on main conveyor
- Machine Medic Telematics

MI-11R SPECIFICATIONS

Screen Mesh Size	2940mm x 1500mm (9' 7" x 5')
Number of Decks	Single
Fines Conveyor Belt Width	1200mm (48")
Fines Conveyor Discharge Height	3030mm (9' 11")
Transfer Conveyor Belt Width	500mm (20")
Returns Conveyor Belt Width	500mm (20")
Returns Conveyor Discharge Height	3890mm (12' 9")
Radial Movement	165 degrees

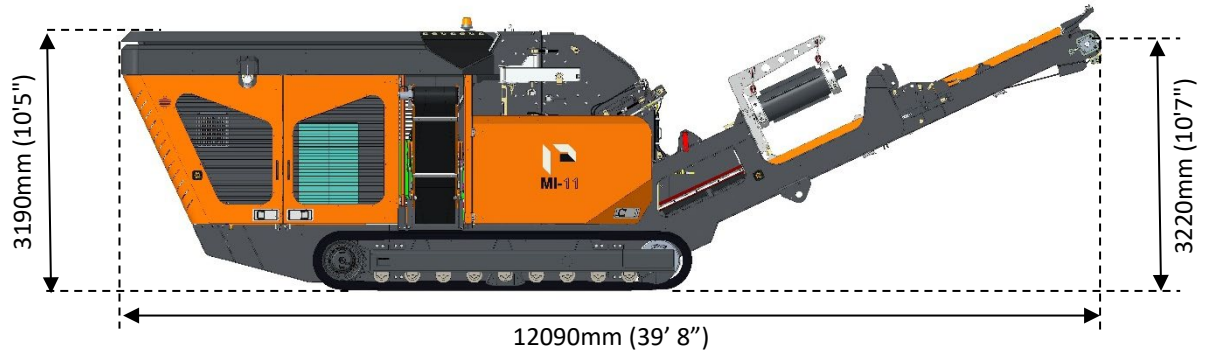
WEIGHT

- MI-11 29,000kgs (63,900lbs) (Base machine, no options)
- MI-11R 35,100kgs (77,220lbs) (Base machine with recirc screen, no options)

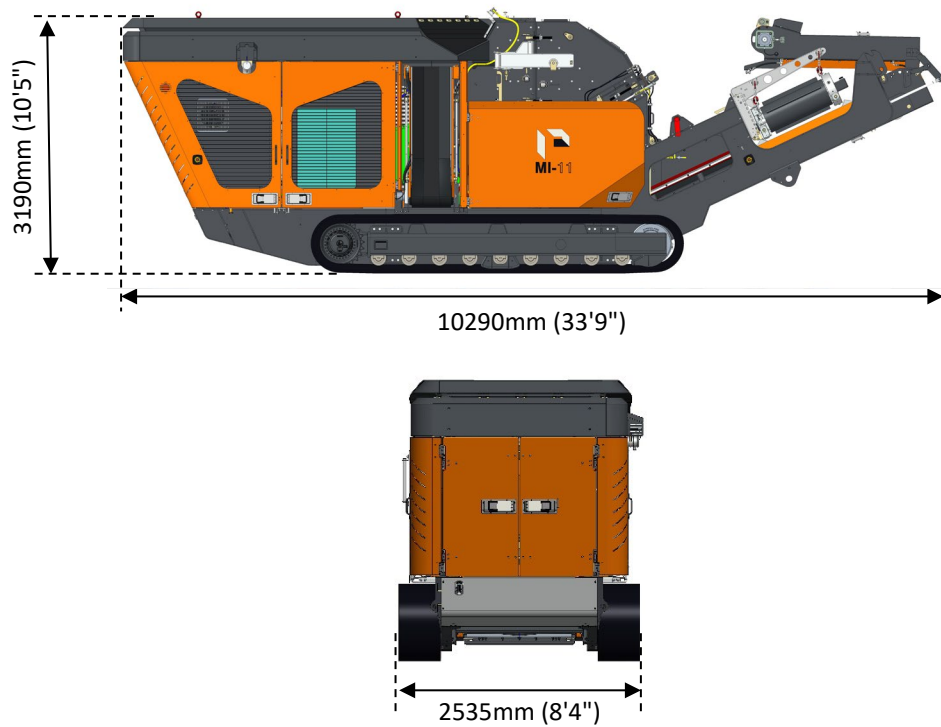
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Working Dimensions MI-11

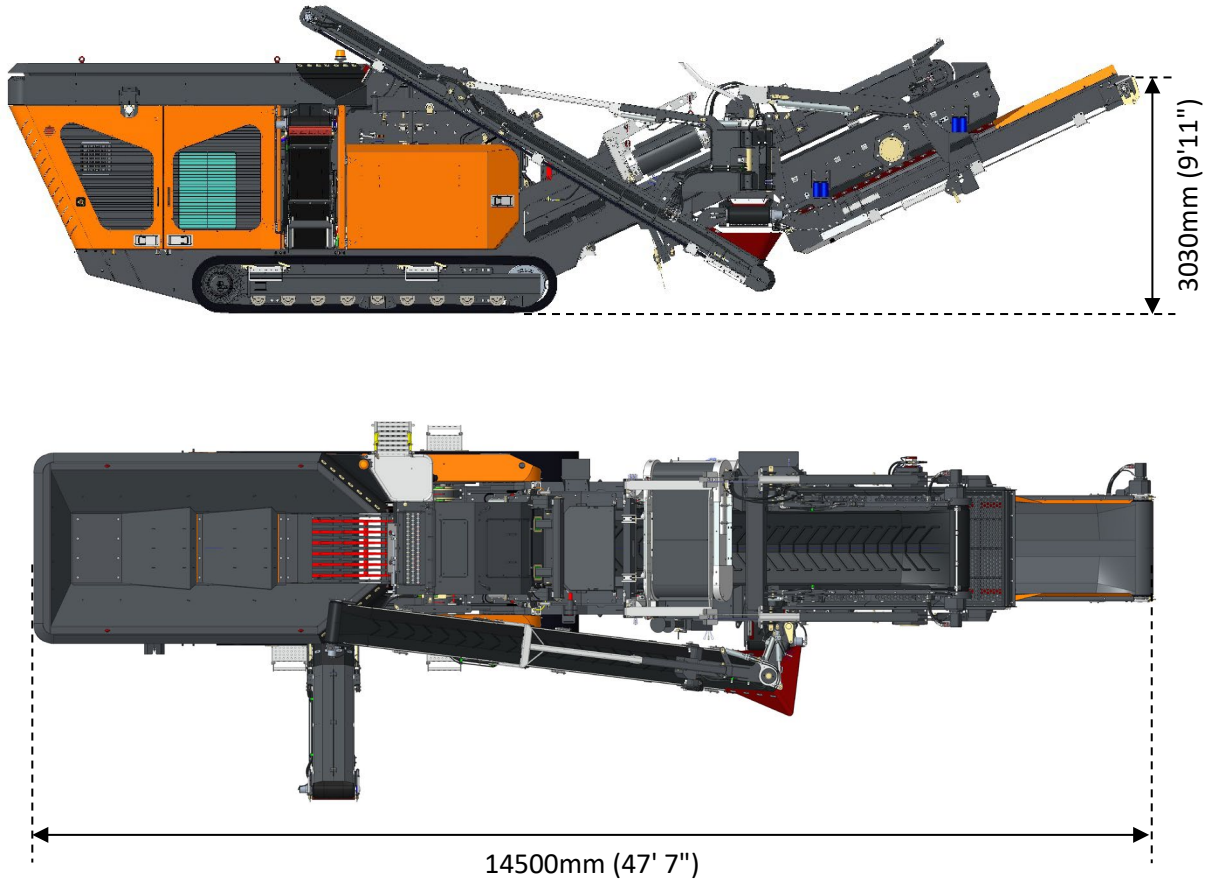


Transport Dimensions MI-11

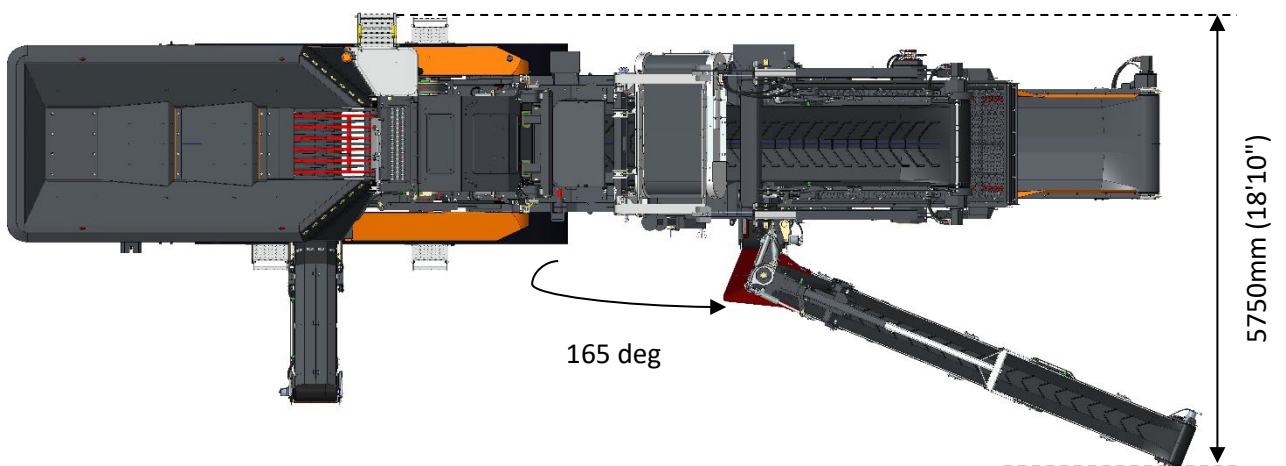


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Working Dimensions MI-11R (Closed Circuit)

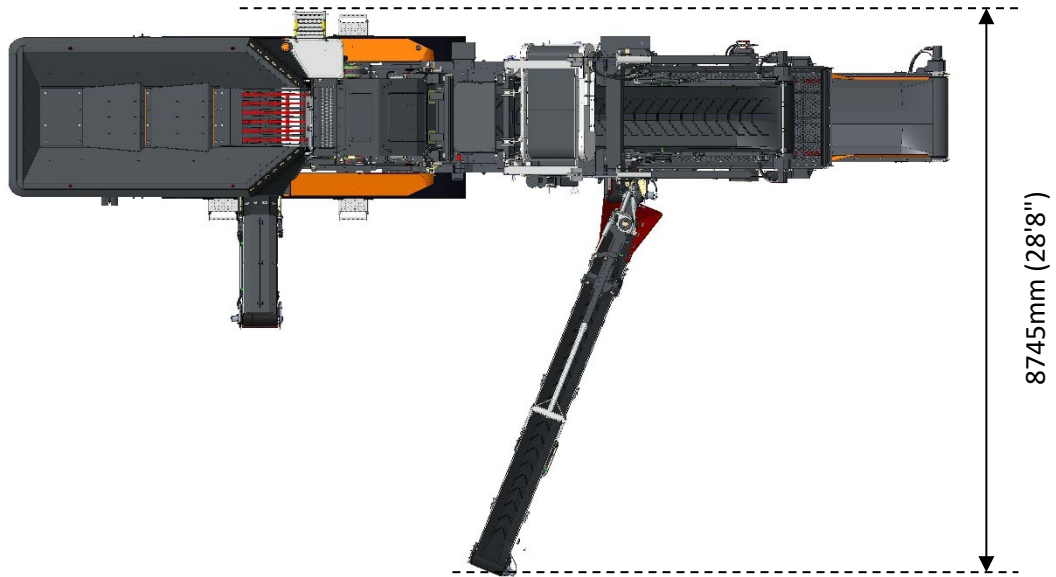


Working Dimensions MI-11R (Open Circuit)

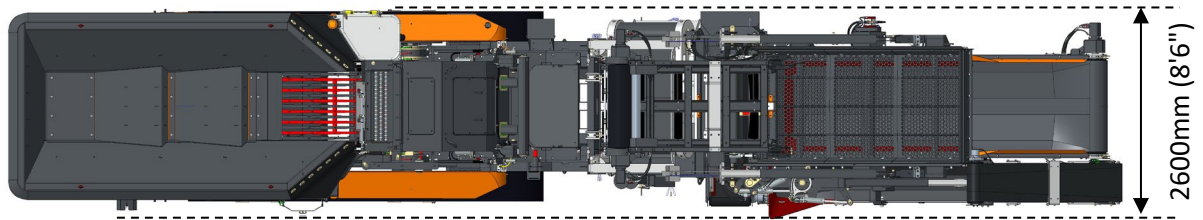
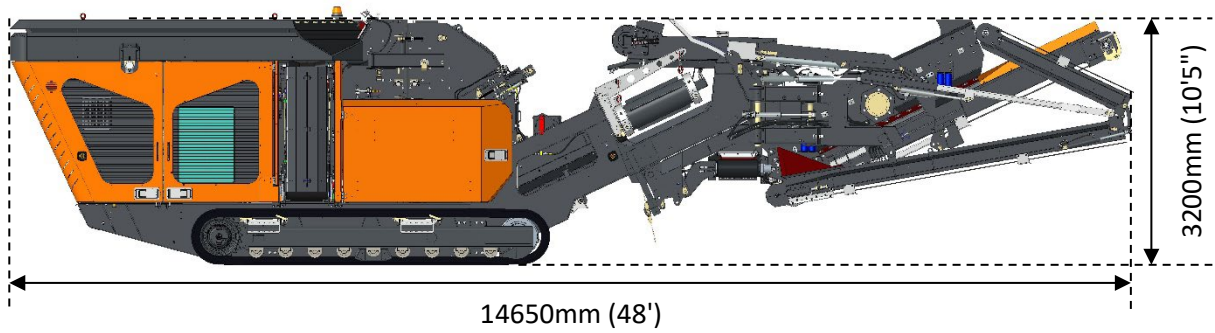


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Working Dimensions MI-11R (Open Circuit)



Transport Dimensions MI-11R



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