



TECHNICAL SPECIFICATION

PORTAFILL MI-8

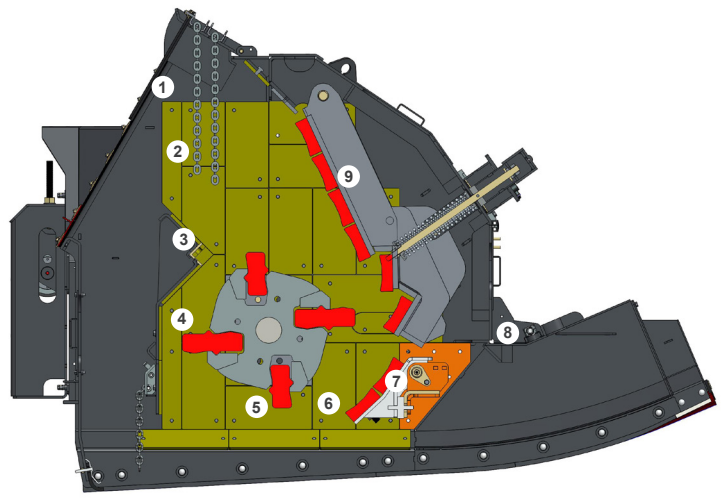


* All drawings dimensions approximate and in millimetres and feet and inches. Portafill International reserves the right to alter the specification of the machines without notice. Images may show some optional equipment. E & OE.

IMPACT CRUSHER

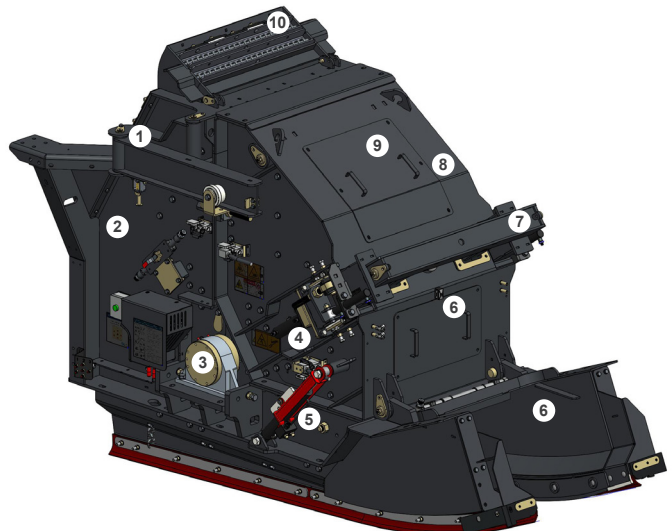
Rotor	4 Blow Bar
Crusher Opening	820 x 600mm (32" x 24")
Hydraulic Opening	820 x 780mm (32" x 30")
Rotor Diameter	800mm (32")
Rotor Width	760mm (30")
Crusher Drive	Direct Drive from Engine Via Belts
Crusher Overload Protection	Yes

- | | |
|-------------------|---------------------|
| 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 | |



Crusher Gap Setting	Hydraulic
Recommended Max. Crusher Gap	100mm (4")
Recommended Min. Crusher Gap	30mm (1 1/4")
Further Adjustment	Gap can be adjusted depending on material
Max. Feed Size	400mm x 400mm (16" x 16") depending on material
Blow Bar Weight	140kgs (310lbs)
Rotor Speed	600 - 700rpm
Wear Liners	15mm (5/8") thick

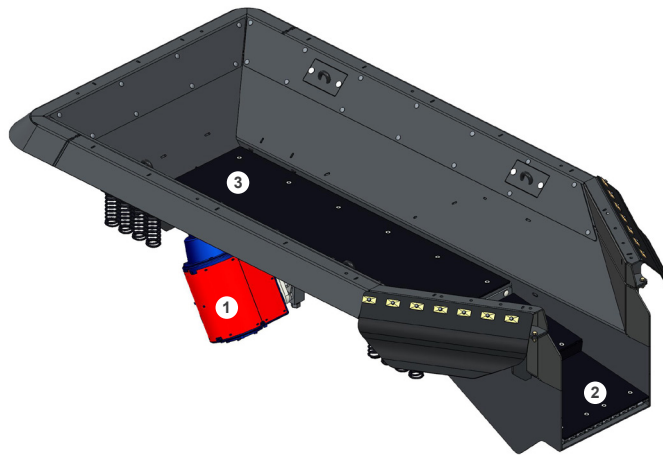
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|----------------------------|---------------------------|
| 1. Blow Bar Change Arm | 6. Inspection Cover |
| 2. Main Crusher Body | 7. Jam Release Mechanism |
| 3. Crusher Bearings | 8. Crusher Hinged Section |
| 4. Crushing Gap Adjustment | 9. Inspection Cover |
| 5. Crusher Open Close Ram | 10. Hydraulic Raise |



FEEDER

Feeder Length and Width	3800 x 2100mm (12'5" x 6'10")
Hopper Capacity	2m ³ or 3m ³ heaped (2.6 cu.yd.or 3.9 cu. Yd. heaped)
Pre-screening Grid Length and Width	1100mm x 700mm (43" x 28")
Pre-screening Discharge	Onto Main Conveyor
Vibration Source	Twin Hydraulic Vibrating Units
Vibration Angle	Patented design to change angle to throw
Feed to Crusher Control	Load Management on Feeder

1. Vibrating Units
2. Pre-screen Grizzly
3. Hardox Liners



CONVEYOR

Belt Width	900mm (36")
Discharge Height	3014mm (9'10")
Folding Mechanism	Hydraulic Folding for Transport
Construction	Impact Bed Under Crusher
Belt Type	Smooth or Cleated Belt

POWER

Engine	Volvo Penta D5
Emissions Type	EU Stage V, EPA Tier 4F 160Kw (215HP)
Optional Engine	EPA Tier 3 160Kw (215HP)
Cooling Type	Water Cooled
Fuel Tank Capacity	300 litres (80 US Gallon)
Air Filter	Scavenger Air Filter

OPTIONAL EXTRAS

- Closed loop recirculating screen and conveyor (Patent folding action)
- Dust suppression
- Radio tracking remote
- Belt magnet on main conveyor
- Digital belt scales
- Machine Medic

MI-8R SPECIFICATIONS

Screen Box Type	Bolted, Single Deck, 2 Bearing Screen
Overall Screen Box Size	3340mm x 1000mm (10'11" x 3'3")
Transfer Conveyor Width	600mm (24")
Returns Conveyor Width	500mm (20")
Returns Conveyor Discharge Height	3575mm (11'8")
Fines Conveyor Width	900mm (36")
Fines Conveyor Discharge Height	2830mm (9'3")
Folding Mechanism	Hydraulic Folding for Transport
Returns Conveyor Position	Returns Conveyor can return oversize materials to feeder or stockpile to side of machine
Transport Option	Complete closed loop system can be removed in one piece and transported on hook lift frame or folded hydraulically for transport and remain with the crusher chassis

WEIGHT

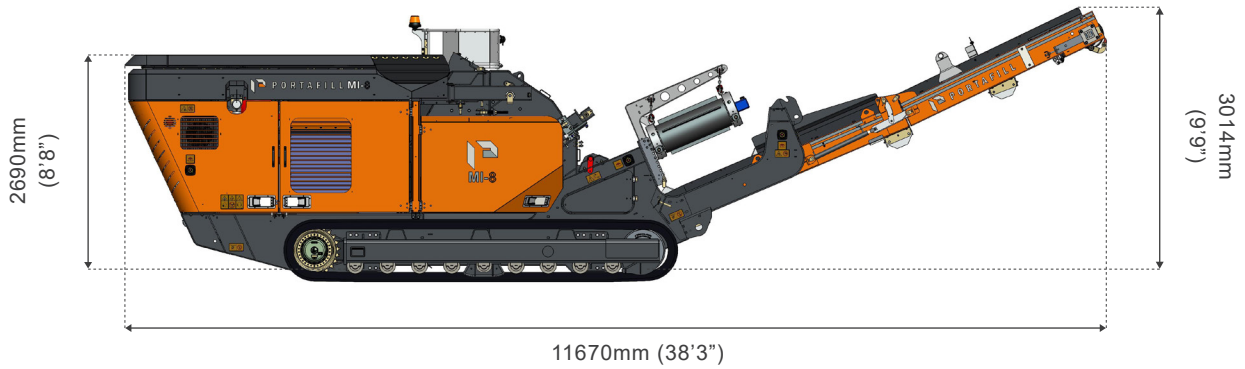
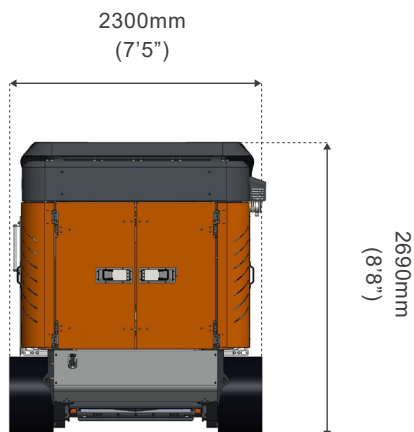
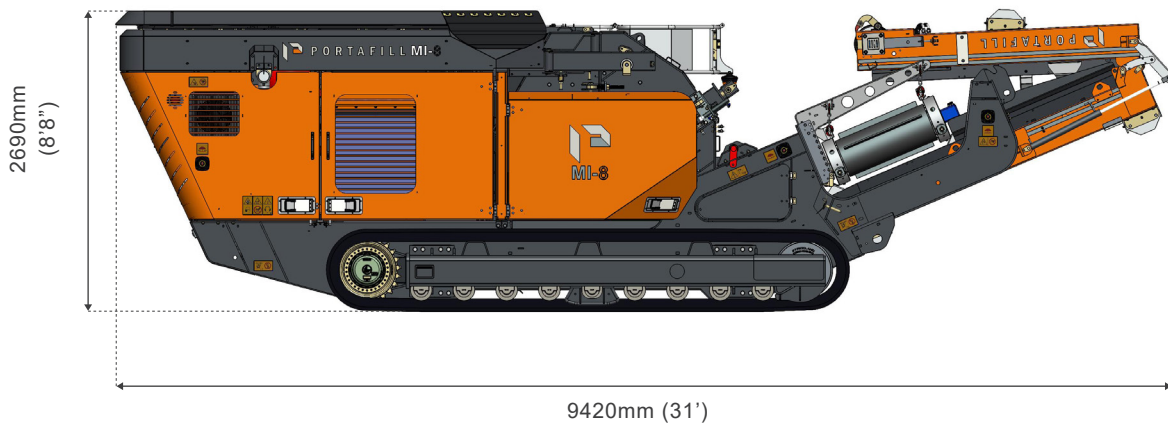
MI-8	23,480kgs (51,800lbs)
MI-8R	29,500kgs (65,000lbs)

EUROPEAN PATENT NO

EP2894117B1

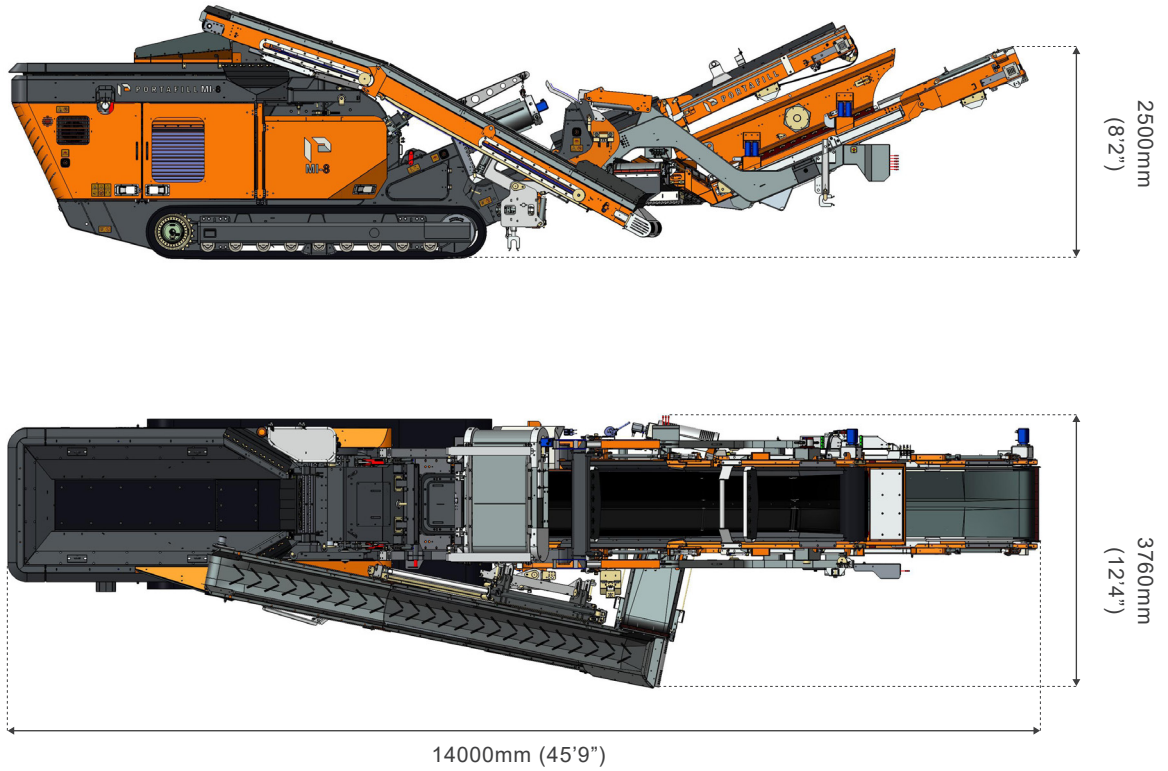
EUROPEAN PATENT APPLICATION NO

13197036.0

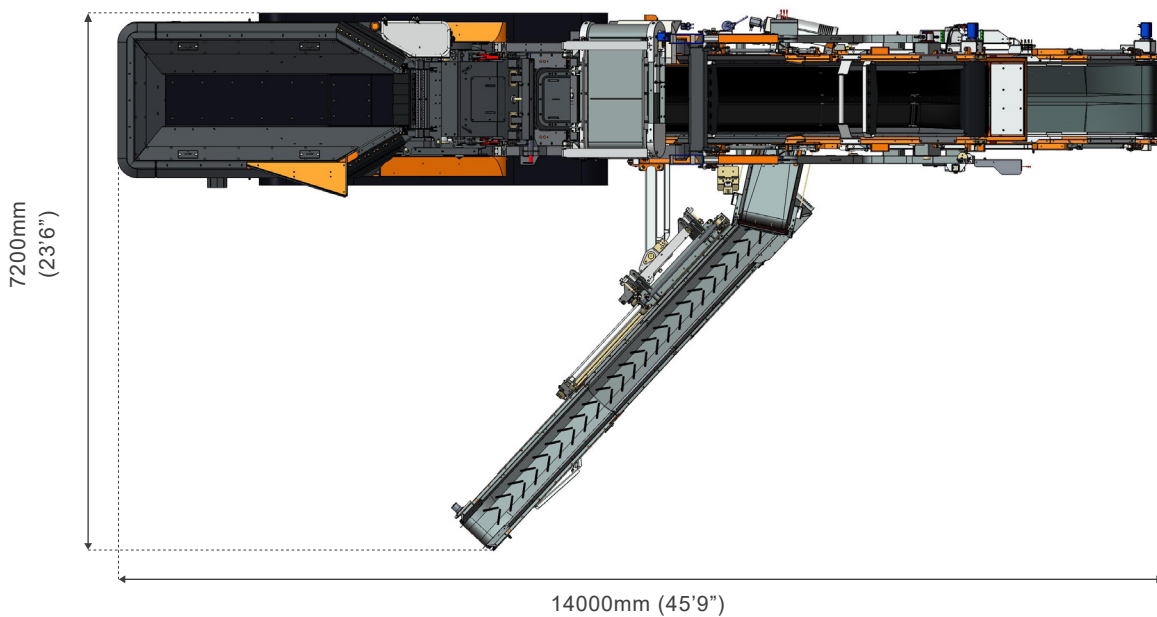
WORKING DIMENSIONS MI-8

TRANSPORT DIMENSIONS MI-8

WEIGHT

23,480kgs (Approx.)
51,800lbs (Approx.)

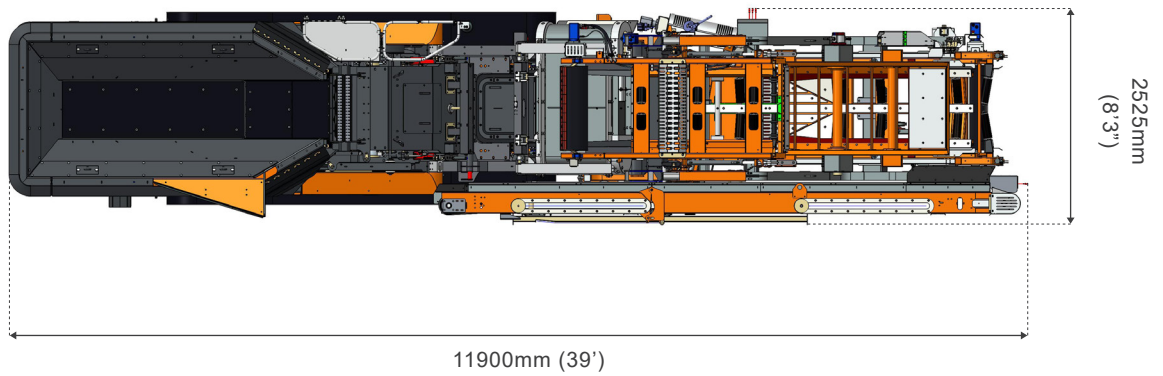
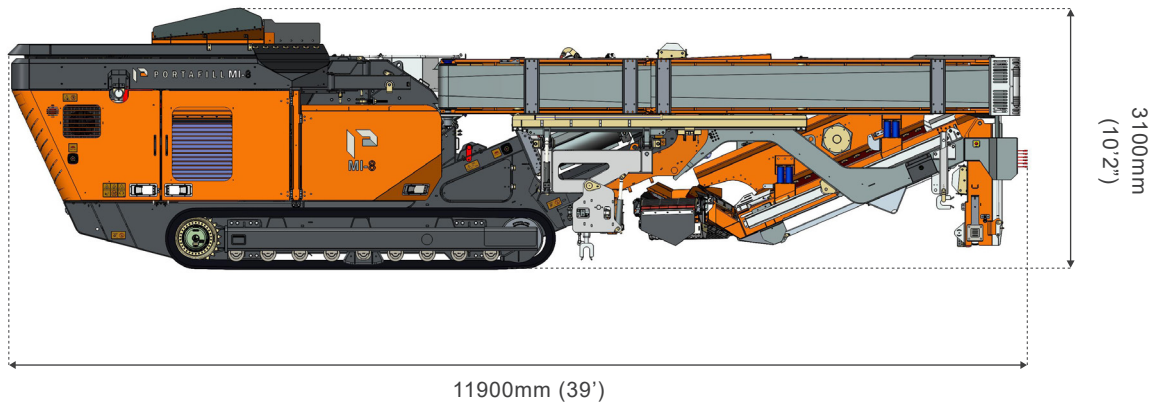
WORKING DIMENSIONS MI-8R (CLOSED CIRCUIT)



WORKING DIMENSIONS MI-8R (OPEN CIRCUIT)



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TRANSPORT DIMENSIONS MI-8R

ISO IMAGE MI-8R
WEIGHT

29,500kgs (Approx.)
65,000lbs (Approx.)

