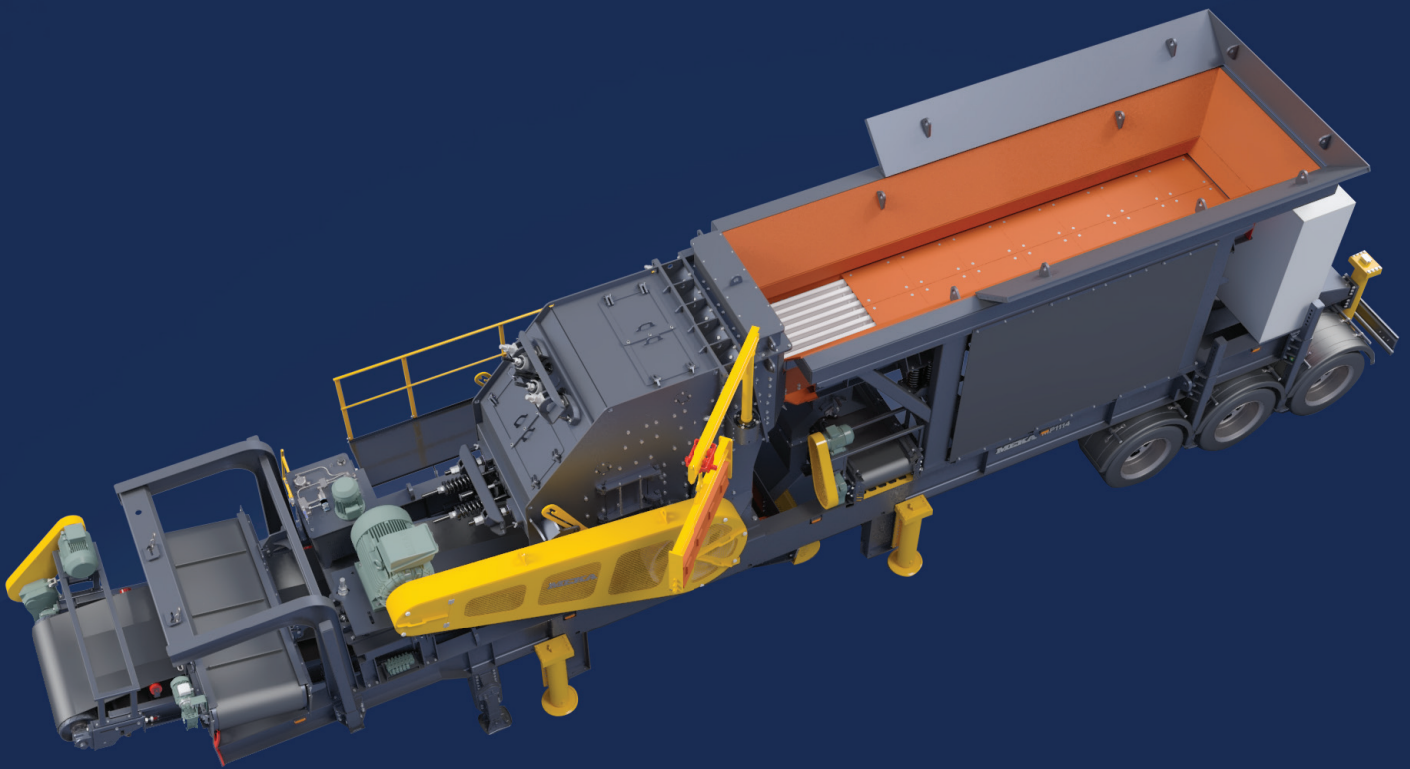


# PORTABLE PRIMARY IMPACT CRUSHERS MP 1114



**MEKA**

[www.mekaglobal.com](http://www.mekaglobal.com)

# OVERVIEW

MEKA MP 1114 Portable Impact (HSI) Crushers are primary/secondary crushing units fully assembled on a single trailer frame and mounted on triple-axle bogie. Featuring the highly reliable and productive

MP 1114 unit, coming complete with a hopper, feeder, bypass chute, discharge conveyor, hydraulic control system, electrical control panel, self-cleaning magnet and assisted with hydraulic legs for plant installation.



# APPLICATIONS

The MEKA MP 1114 is a wheeled horizontal shaft impact crusher unit primarily used in aggregate production, mining operations, and recycling applications (rocks, concrete, asphalt etc). These machines are designed for easy transport and quick setup on-site, making them

ideal for remote locations or projects that require frequent relocation. They are specifically engineered to achieve high reduction ratios and produce crushed materials with a cubical shape.

# WHY MEKA MP 1114?

**Mobility:** Equipped with wheels, MEKA portable impact crushers can be moved easily from one location to another, reducing the need for permanent installations.

**Versatility:** Suitable for a variety of applications, including soft to medium-hard rock, and are suitable for both primary and secondary crushing stages. They can be used in various applications such as quarrying, recycling, and mining.

**Ease of Use:** Designed for quick setup and simple operation, making them accessible for different levels of users.

**Eco - Friendly:** Low emission due to electrical operation, minimizing environmental impact and operating at a high efficiency at lower energy consumption per ton of crushed material.

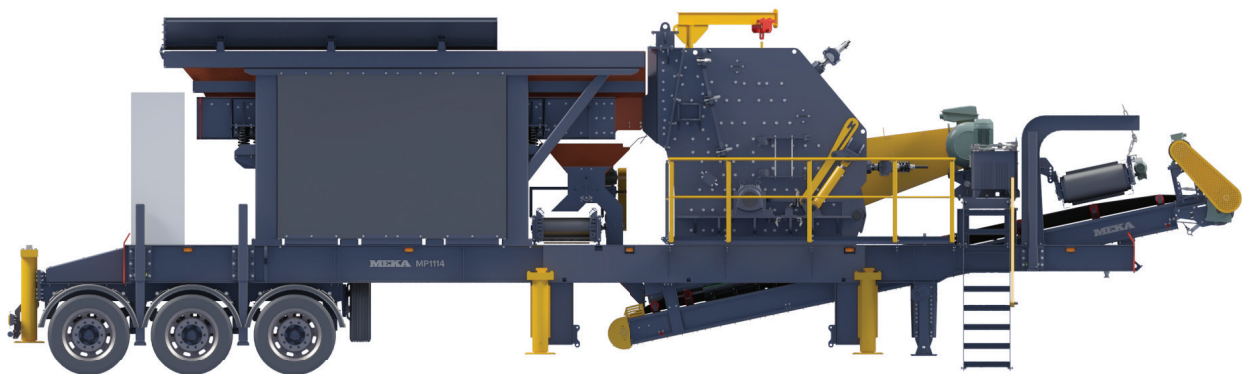
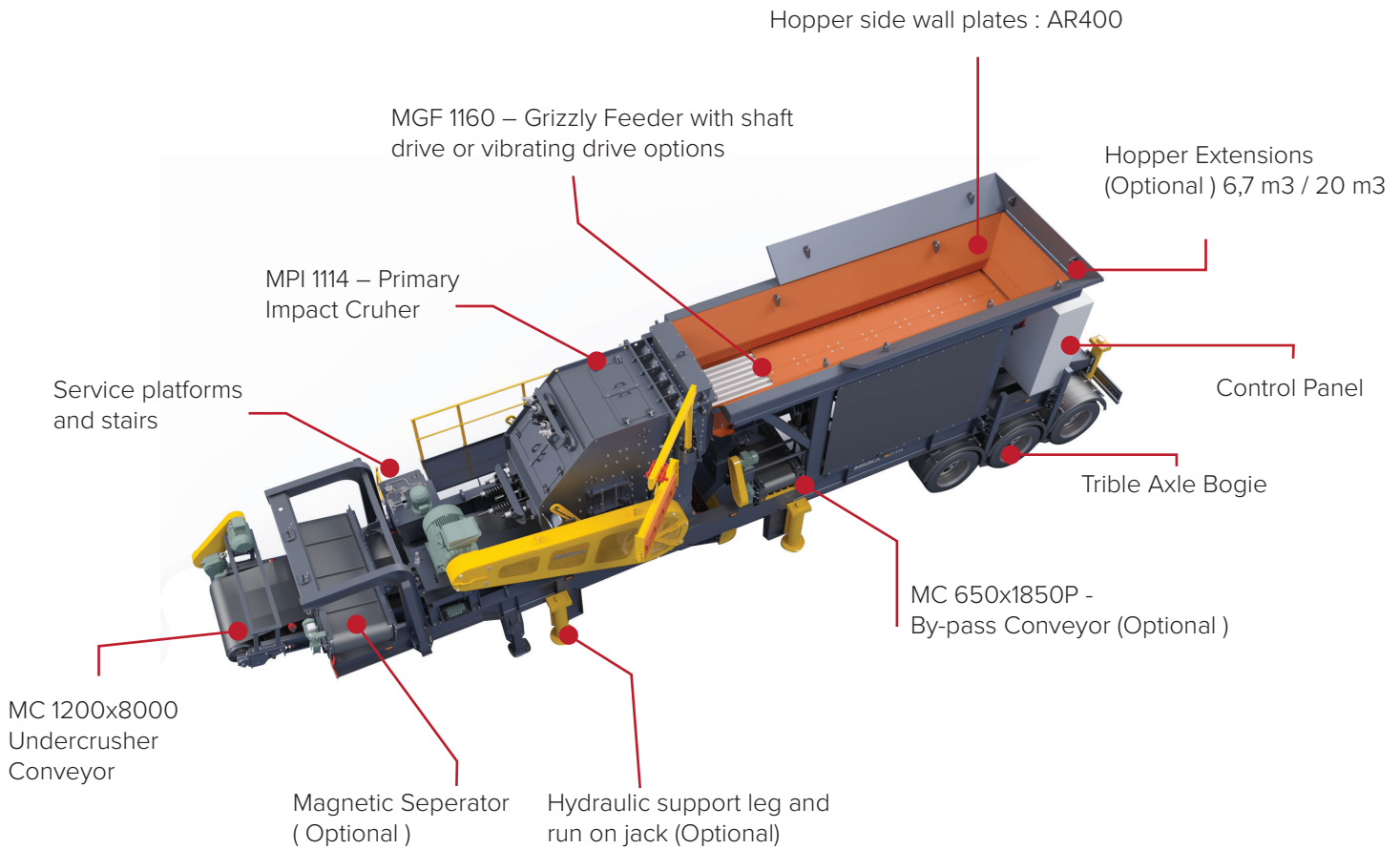
**Adjustability – Uniform Cubical Shape:** Flexibility for adjusting the settings to control the size of the final product to meet the specific requirements of the application, such as producing different gradations of aggregate and uniformity in cubical shape at high-grade aggregate used in concrete operations.



## HIGHLIGHTS

- Wear resistant feed hopper made of AR400.
- Proven MEKA MPI 1114 (HSI) impact crusher with 4 bar rotors and twin apron (breaker plate) design
- Single step grizzly feeder with shaft and vibrating drive options.
- Automatic crusher chamber and apron setting adjustment with hydraulic power unit.
- Power range capabilities: 400 V - 50Hz and 460 V, 60 Hz.
- Under the grizzly chute, all material can be diverted either to the main crusher conveyor or to the by-pass conveyor.
- The heavy-duty under-crusher main conveyor features impact bars located directly under the crusher discharge area.
- Assisted by hydraulic legs for fast and easy set-up.
- Mounted on a chassis with triple-axle bogie and equipped with taillights.
- Self – Cleaning Magnet, Electrical Control Panel, Bypass conveyor, Variable frequency drive for the feeder as an option.

# MP SERIES / MP 1114





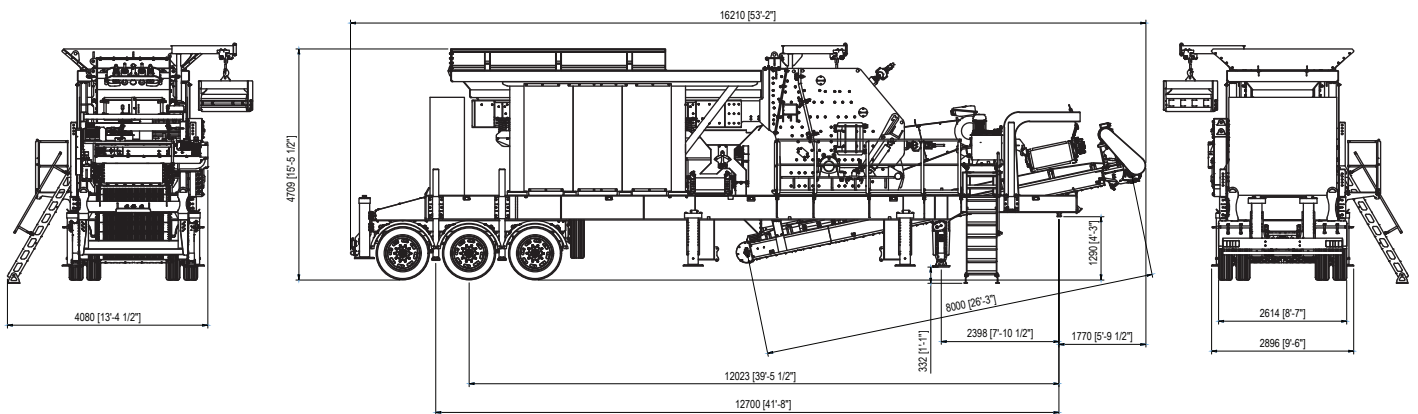


# TECHNICAL SPECIFICATIONS

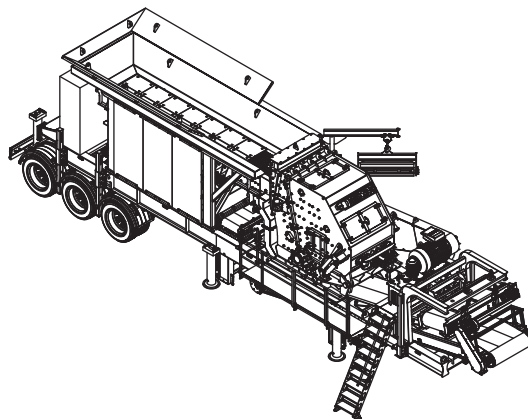
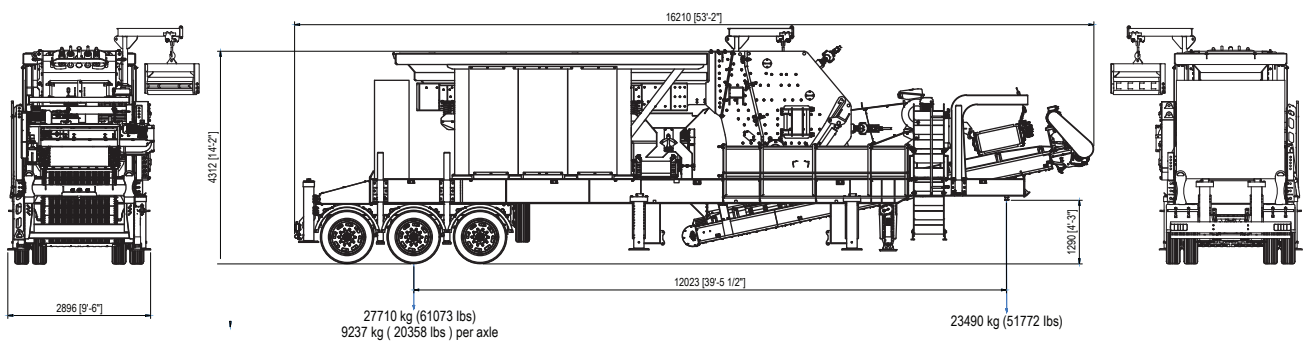
MODEL	MP 1114	
<b>FEEDER</b>		
Model	MGF 1160	
Width	1100 m	43"
Length	6000 mm	19'-8"
Grizzly Length	1400 mm	4'-7"
Grizzly Gap Adjustment	65 mm	2.6"
Motor Power	22 kW	30 HP
Hopper Volume	6.7 m <sup>3</sup> / 20 m <sup>3</sup>	8.8 yd <sup>3</sup> / 26.2 yd <sup>3</sup>
<b>CRUSHER</b>		
Model	MPI 1114	
Rotor Dimensions	Ø1100 x 1400 mm	43.3" x 55.1"
Maximum Feed Size	600 mm	23.6"
Capacity	up to 350 mtph	385 stph
Motor Power	200 kW	300 HP
<b>DISCHARGE CONVEYOR</b>		
Model	MC 1200X8000P	
Belt Width	1200 mm	47"
Length	8000 mm	315"
Motor Power	11 kW	15 HP
<b>BYPASS CONVEYOR</b>		
Model	MC 650X1850P	
Belt Width	650 mm	25.6"
Length	1850 mm	73"
Motor Power	4 kW	5 HP
<b>OVERBELT MAGNETIC SEPARATOR</b>		
Model	MC 800X1990P	
Magnet Dimensions	900x1150 mm	35.4" x 45.3"
Belt Width	800 mm	31.5"
Length	1990 mm	78.3"
Motor Power	2.2kW	3 HP
<b>TRANSPORT DIMENSIONS</b>		
Length	16210 mm	53'-2"
Width	2900 mm	9'-6"
Height	4300 mm	14'-1"
Weight	51200 kg	112877 lbs
<b>OPERATING DIMENSIONS</b>		
Length	16210 mm	53'-2"
Width	4080 mm	13'-5"
Height	4720 mm	15'-6"

# STANDARD DIMENSIONS AND TECHNICAL SPECIFICATIONS

## OPERATING DIMENSIONS



## TRANSPORT DIMENSIONS & LOADS





# THE CHOICE OF PROFESSIONALS IN MORE THAN 100 COUNTRIES: MEKA

MEKA has a global capacity with more than 80 engineers, nearly 500 employees and experience of producing more than 4000 complete plants. With 5 separate production facilities and a worldwide service network, it is a reliable manufacturer.

With its after-sales service network and strong infrastructure in spare parts, MEKA does not only produce equipment or plants, but also offers you the comfort of predictable production and uninterrupted earnings.





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