

# MC212

COMPACTOR  
VIBRATORY



OUR STRENGTH IN YOUR



**Power**  
130hp (97kw) @ 2,200RPM



**Operating weight**  
10,640 / 12,040kg



**Compaction width**  
2150mm

[mullerbrasil.com](http://mullerbrasil.com)



**FABRICADO  
NO BRASIL**

# MC212 COMPACTOR VIBRATORY



## ROPS/FOPS

Machine with certification

## OPERATOR COMPARTMENT

Better field of view

## ENGINE COMPARTMENT

Low noise level

## ACCESSIBILITY

Better access for maintenance

## LIGHTING

All LED

## TECHNOLOGY

Engine fault indicator

## DRUM

High durability

## OPERATION

High vibration amplitude



## CABIN

For better comfort, air conditioning

## ENTERTAINMENT

AM/FM/MP3 Radio with USB and Speakers (OPTIONAL)

## MANEUVERABILITY

Rear view camera, making it easier to maneuver the machine

## EMERGENCY

Easy access emergency button

## DISPLACEMENT

Movement via joystick

## DIRECTION

Multifunctional steering column



## DIFFERENT VERSIONS FOR ALL NEEDS

**L** This is the standard version and is used for compaction with a smooth drum, with drum traction as standard.

**P** This is the version with "sheep's feet" welded to the drum, and is used for compacting semi-cohesive and cohesive materials, also coming with drum traction.

**LC** This is the version that combines the smooth drum with a cover with "sheep's feet". With this version it will be possible to work with compactations that require the use of a smooth drum and also in compactations that require the use of sheep's feet, having as a great aid the traction on the drum that facilitates work efficiency.



# MC212 COMPACTOR VIBRATORY



## ENGINE

Manufacturer	Cummins
Model	QSB 4.5 – MAR-1 - TIER III
Net power (ISO 3046)	123hp (92kW) @ 2,200RPM
Gross horsepower (SAE J1995)	130hp (97kW) @ 2,200RPM
Maximum torque	620 Nm @ 1,500rpm
Injection type	Direct Electronic
N° of Cylinders / Displacement	4 / 4,5l
Aspiration	Turbo intercooler

## HYDRAULIC SYSTEM

System	Closed
Direction	Hydraulics
Traction	Hydrostatics
Vibration	Hydrostatics
General relief pressure	22 bar (traction) and 26 bar (vibration)

## TRACTION SYSTEM

Hydrostatic type, closed circuit, consisting of a variable flow pump, variable flow piston motor (rear), differential axle, a fixed flow piston motor and mechanical speed reducer.

Maximum Speed (km/h)	0 - 11
Hill climbing ability (Smooth/Paw)	41% - 51%
Oscillation	13° for each side
Articulation	35° to each side
Tires	23.1x26 – Tractor type
Rear axle	Reduction in planetary gears and Anti-Skid System

## RESERVOIR CAPACITY

Diesel Oil	280l
Hydraulic Oil	80l

## ELECTRICAL SYSTEM

Alternator	95A
Battery	12V
Voltage	12V

## STEERING SYSTEM

Hydraulic, consisting of an Orbital type control and a constant flow hydraulic gear pump.

Type	Orbital type command
Filtering	Return line
Displacement	Electronic joystick

## BRAKE SYSTEM

Type	Hydrostatic
Emergency	Multi-disc safety brake on the rear axle with application via button.
Parking	Parking brake multidisc on shaft rear activated by "P" key on the column.
Service	Service brake activated by joystick positioning in neutral.

## VIBRATION SYSTEM

### MC 212 SMOOTH

### MC 212 PAW

### MC 212 PAW KIT

Hydrostatic, consisting of a piston pump with variable flow, a piston motor with fixed flow and eccentric shaft with two amplitudes.

Vibration frequency (vpm/Hz) - High / Low

1.980/33 (High) - 1.980/33 (Low)

Nominal amplitude (mm) - High / Low	1.90 / 0.90	1.92 / 0.92	1.91 / 0.91
Dynamic impact (kgf) - High / Low	33,400 / 19,400	41,000 / 25,000	41,600 / 23,600
Centrifugal Force (kN) - High / Low	276 / 131	365 / 175	383 / 153
Number of legs	N/A	140	140
Paw contact area (mm²)	N/A	103	103

## WEIGHTS

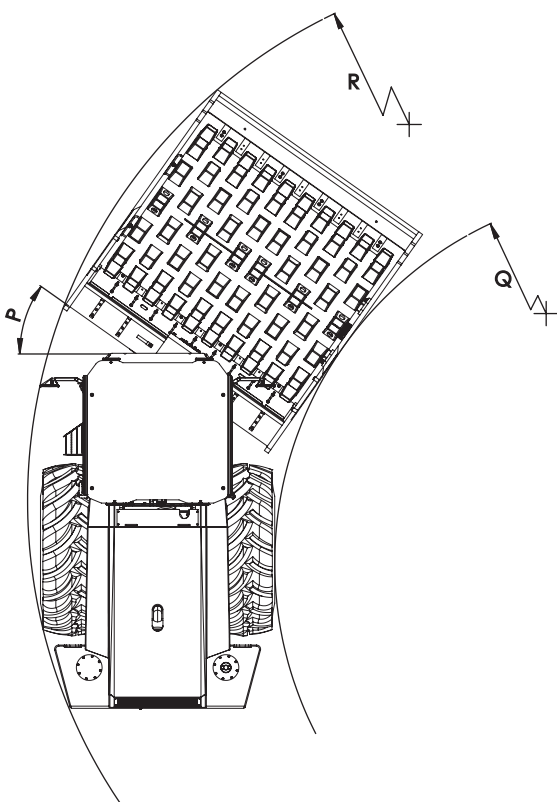
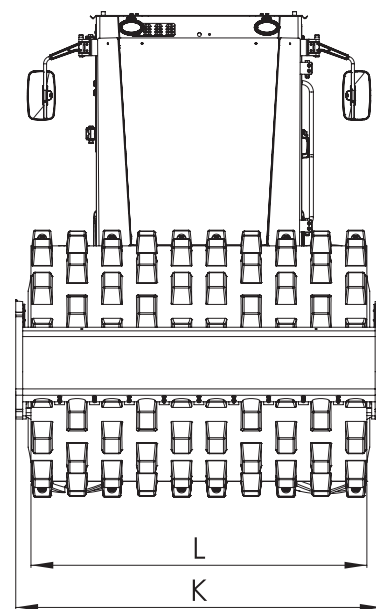
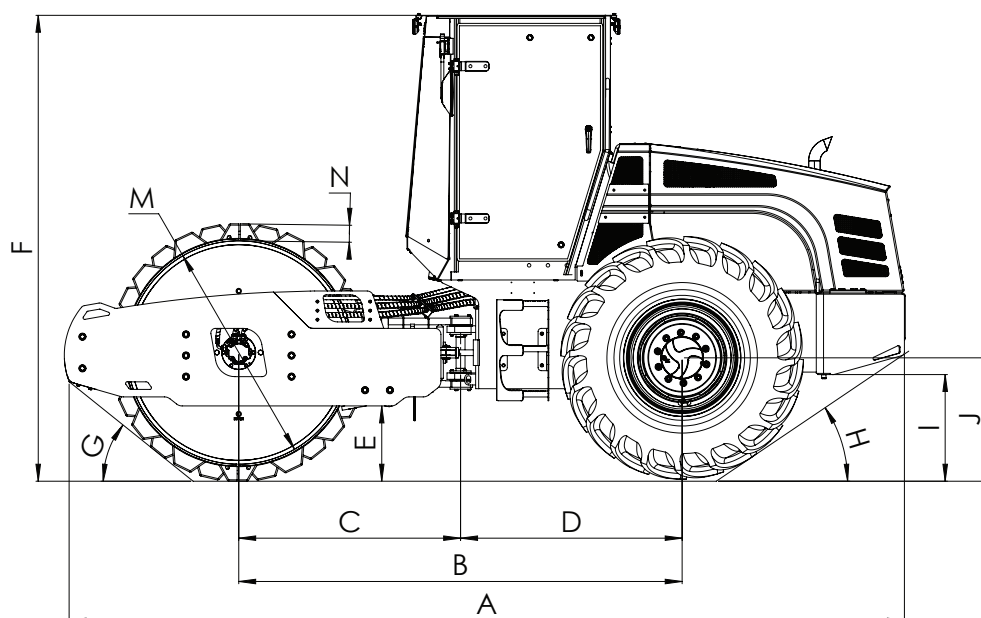
### MC 212 SMOOTH

### MC 212 PAW

### MC 212 PAW KIT

Maximum operating weight (kg)	10,640	11,140	12,040
Linear static load (kg/cm)	27,90	N/A	27,90

## OVERALL DIMENSIONS



## TECHNICAL DIMENSIONS MC 212 (mm)

POS.	DESCRIPTION	L	P	LC
A	Total Length	5580		
B	Length between axles	2942		
C	Drum center length x pivot point	1472		
D	Rear axle center length x pivot point	1470		
E	Go free	387	587	499
F	Overall height	2982	3082	3094
G	Front attack angle	31°	39°	
H	Rear attack angle	34°		
I	Base height of hitch to ground	707		
J	Height center of axle to ground	818		
K	Maximum width	2345		
L	Drum width	2150		
M	Drum diameter	1500		
N	Paw cover height (optional)	-	100	113
O	Wheel diameter	W23.1x26"		
P	Maximum joint angle	35°		
Q	Internal turning radius	3500		
R	Outside turning radius	5042		
S	Drum thickness	25.4		
T	Cover plate thickness (optional)	-	-	12.7

## STANDARD ITEMS

Reverse gear audible alarm	Brake release for trailer
Adjustable bench with spring suspension	Steering wheel knob
Sealed battery 100Ah 750 CCA	Operation and maintenance manual and parts catalog
Emergency push button	Instrument panel with hour meter
Horn	Storage compartments and cup holders
Closed cabin with air conditioning and ROPS/FOPS certification	Lifting points
Rear Camera	Lubrication points
System master key	Operator platform on rubber shock absorbers
Parking brake	Auxiliary traction system
Fuel Gauge	USB socket
Engine fault indicator	Exhaust pipe mounted on top of hood
Engine temperature gauge	Pressure test Sockets
Electronic Joystick	2 LED headlights and 2 LED taillights
Warning light (brake, engine oil pressure, engine oil temperature, low fuel and battery)	

## OPTIONAL

Hot/Cold Air Conditioning	Safety protective film against ultraviolet rays
Air suspension seat	AM/FM/MP3 Radio with USB and Speakers
Retractable belt	Compaction sensor
Preventive maintenance contract	Indicator arrows
Fire extinguisher	Rotating beacon
Two-part cover kit with trapezoidal legs and other components	Satellite monitoring system
Additional LED headlight kit	Spare drums and scrapers for version exchange
Custom painting	Retractable sunroof
Diamond type tires	

## CUSTOMER SUPPORT

### AFTER-SALES

Müller, through its nationwide dealer network, offers specialized technical assistance with genuine parts that are always available and accessible to you and, best of all, always close by when you need them. With factory-trained technicians and diagnostic equipment, the Müller dealership is able to offer you all the guidance you need to ensure the perfect functioning and operation of your MC 212. Consult our Müller customer service department.

### GENUINE MÜLLER PARTS

Müller operates in the spare parts and services market for Müller products through its dealer network throughout the country. These are genuine Müller parts, known for their quality, durability and safety, extending the useful life and ensuring full performance of the equipment.

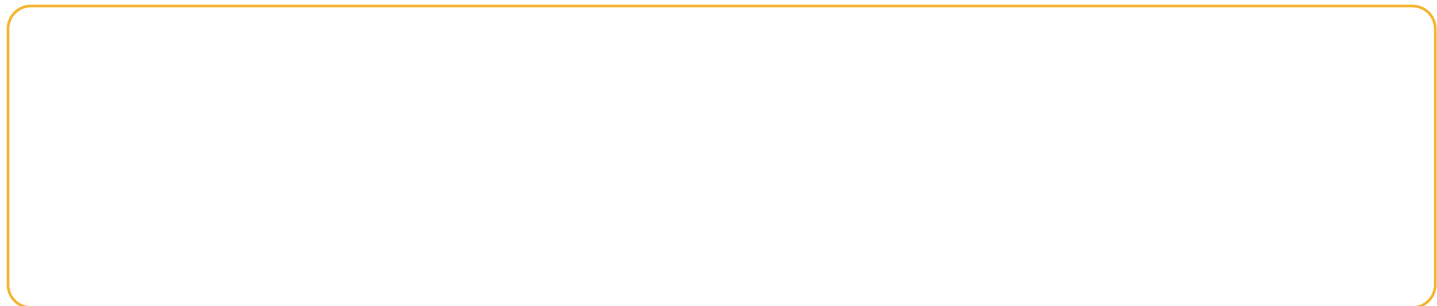
### TAKING CARE OF YOUR MC 212 ROAD ROLLER

Preventative maintenance of your roller compactor, in addition to the inspections provided for in your operating manual, extends its operating time, useful life and avoids unscheduled downtime.

### HOW TO BUY YOUR MC 212 COMPACTOR ROLLER

Contact our network of Müller Dealers today or visit [www.mullerbrasil.com](http://www.mullerbrasil.com)

# OUR STRENGTH IN YOUR WORK



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COMPACTOR  
VIBRATORY

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\*Specifications subject to change by the manufacturer without notice.