

MC212

COMPACTOR VIBRATORY



OUR STRENGTH IN YOUR

TECHNICAL SPECIFICATIONS

TURBO 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 shaft, 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	Multi-disc parking brake on the rear axle activated by the "P" button on the column.
Service	Service brake activated by positioning the joystick 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 (Alto) - 1.980/33 (Bajo)		
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 paws	N/A	140	140
Paw contact area (mm ²)	N/A	103	103

WEIGHTS

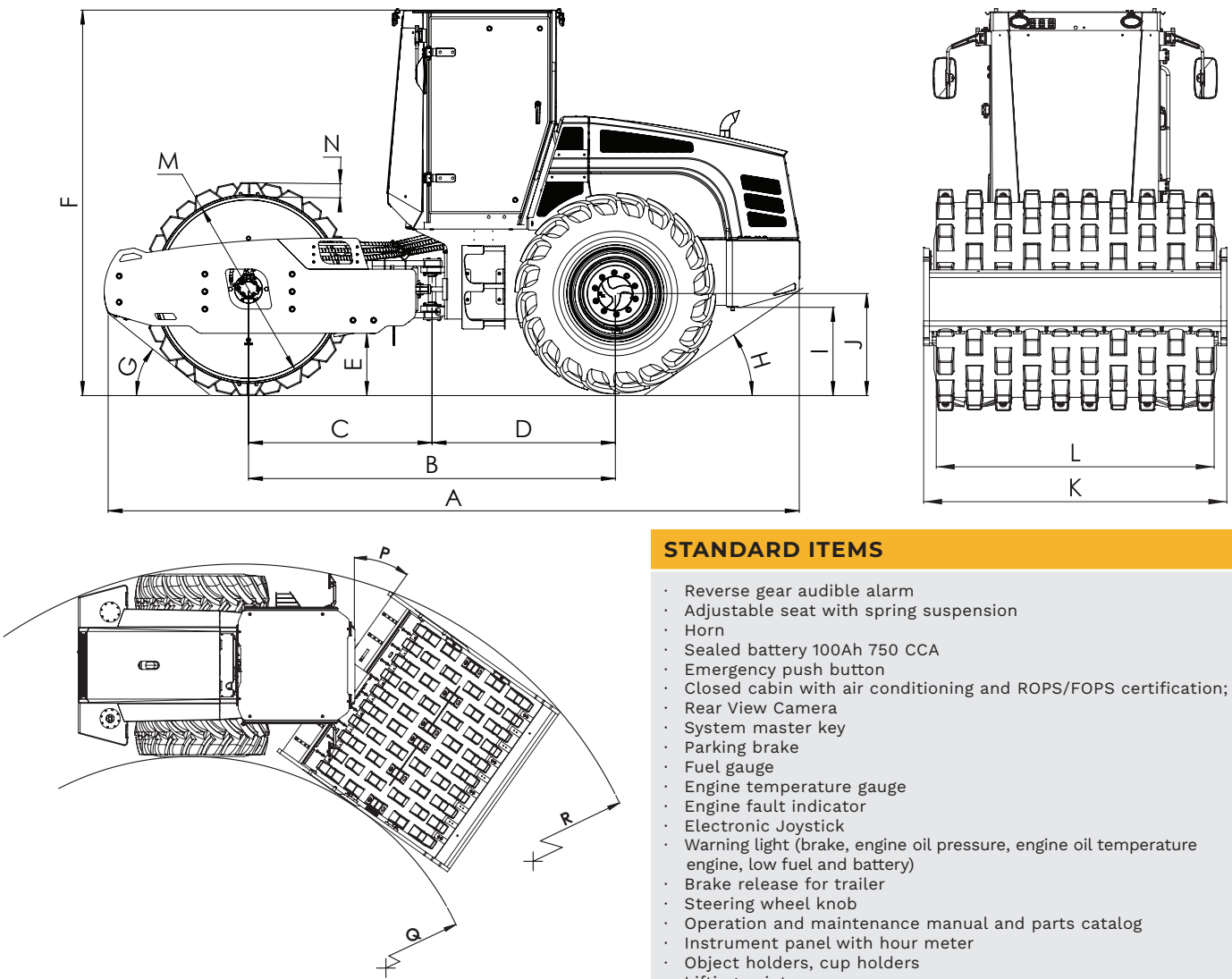
MC 212 SMOOTH

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

*Specifications subject to change by the manufacturer without notice.

STANDARD ITEMS

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

OPCIONAL

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

MC212

COMPACTOR
VIBRATORY



f /Muller.Equip
@muller_equip

