

MP721

COMPACTOR OF TIRES



OUR STRENGTH IN YOUR WORK

TECHNICAL SPECIFICATIONS

TURBO ENGINE

Manufacturer	Cummins
Model	QSB 4.5 – MAR-1 / TIER 3
Net power (ISO 3046)	123hp (92kW) @ 2,200RPM
Gross horsepower (SAE J1995)	130hp (97kW) @ 2,200RPM
Maximum torque	620Nm @ 1,500RPM
Injection type	Direct Electronic
N° of Cylinders / Displacement	4 / 4,5l
Aspiration	Turbo Intercooler

HYDRAULIC SYSTEM

System	Closed
Direction	Hydraulics
Traction	Hydrostatics
General relief pressure	24 bar

SPREADING SYSTEM

Pressurized system - Electric drive - Serving front and rear wheels - Articulated scrapers with replaceable blades - Fan-shaped jet nozzles.

TRACTION SYSTEM

Hydrostatic system consisting of a pump, two axial piston motors and orthogonal planetary reducers connected directly to the rear wheels with built-in braking system.

Maximum Speed (km/h)	0 - 23
Hill climbing ability	30%
Oscillation	5° for each side
Articulation	30° to each side
Tires	11.00 x 20"

WEIGHTS

Without Ballast (kg)	10,800
With Lower Ballast (kg)	16,000
Fully Ballasted (Special Ballast) (kg)	21,270

RESERVOIR CAPACITY

Diesel Oil	285l
Hydraulic Oil	70l
Water tank (sprinkler system)	300l

ELECTRICAL SYSTEM

Alternator	95Ah
Battery	12V
Voltage	12V

STEERING SYSTEM

Hydraulic, independent circuit, Orbitrol type control, 2-point pivoting, with 3 directional wheels on the front axle.

Type	Hydraulic
System Filtering	Return line
Displacement	Electronic pedal

BRAKE SYSTEM

Type	Mechanic
Emergency	Spring actuation, multi-disc brake acting on the rear reducers
Parking	Spring actuation, multi-disc brake acting on the rear reducers
Type	Hydrostatic
Service	Hydrostatic drive, multi-disc brake acting on the rear reducers

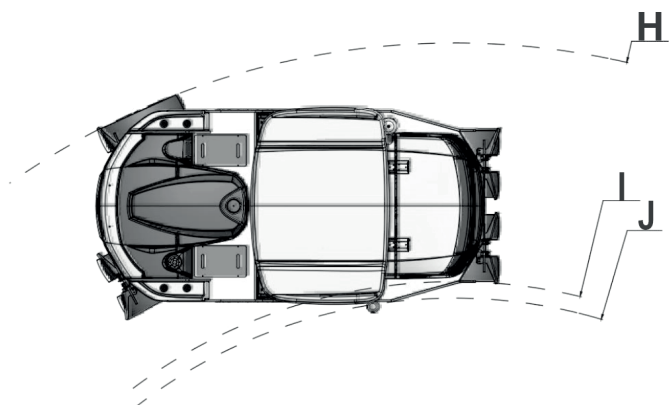
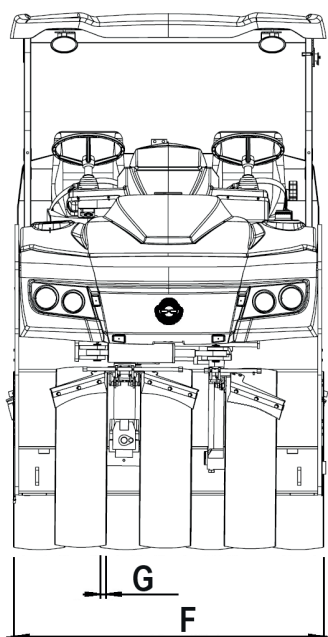
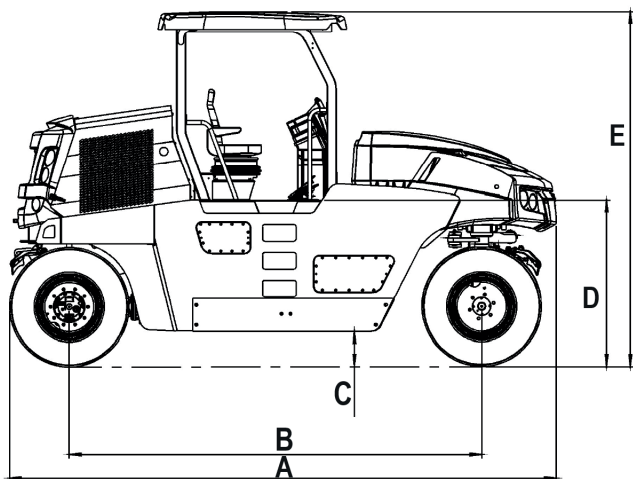
CHASSIS

Monoblock structure with 1.6m³ ballast box, with side covers for ballast removal and filling from the top.

Load evenly distributed between front wheels and rear.

Removable lower ballasts.

OVERALL DIMENSIONS



TECHNICAL DIMENSIONS MP 721 (mm)

POS.	DESCRIPTION	
A	Total Length	4880
B	Length between axles	3700
C	Free span	290
D	Height of operator compartment base x ground	1495
E	Total Height	3100
F	Maximum compression width	1820
G	Overlap	50
H	Maximum turning radius on front tires	8860
I	Minimum turning radius on rear tires	8605
J	Inside turning radius (chassis)	6125

STANDARD ITEMS

- Reverse gear audible alarm
- Adjustable seat with spring suspension
- Horn
- Sealed battery 150Ah 950 CCA
- Emergency push button
- System master key
- Parking brake
- Fuel gauge
- Engine temperature indicator
- Engine fault indicator
- Warning light (brake, engine oil pressure, engine temperature engine oil, low fuel and battery)
- Manual brake release for trailer
- Pressure gauges (tire pressure / pneumatic circuit pressure)
- Steering wheel knob
- Operation and maintenance manual and parts catalog
- Instrument panel with hour meter
- Lifting points
- Lubrication points
- Indicator arrows
- Automatic tire pressurization system and pressurization control
- Machine rest supports
- Tachometer
- Sunroof
- Pressure test sockets
- 4 headlights and 4 taillights

OPTIONAL

- Air suspension seat
- Closed cabin with air conditioning
- Retractable belt
- Preventive maintenance contract
- ROPS/FOPS protective structure
- Fire extinguisher
- Additional ballast
- Tire 13/80 R20
- AM/FM/MP3 radio with USB and speakers
- Rotating beacon
- Satellite monitoring system

*Specifications subject to change by the manufacturer without notice.

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