WHEEL LOADER

M75HD



OPERATING WEIGHT

Standard configuration, full tank and 80kg operator	**10.500 kg**

MOTOR 1

Manufacturer	CUMMINS/6CTAA-C215
Emission Standard	EPA (TIER II), EU Stage II
Engine Type	Diesel, 4 strokes, turbo, air cooling, direct injection
Rated Power	160KW(215HP)/2200RPM
Maximum Torque	904N·M/1400 RPM
Bore x Stroke (mm)	114×135
Number of Cylinders / Displ.	6/8.3 ℓ
Compression Ratio	18
Air Cleaner	Dry, Double elements
Alternator	70 AMP
Battery	2-24V/120Ah
Starter Motor	24V/7.8kW
Heating Capacity (W)	5000W
Cooling Capacity (W)	4700W

MOTOR 2

Manufacturer	WEICHAI
Model	WP6G125E332
Net power	125 hp (92 kW) @ 2.200 rpm
Gross power	130 HP (96,9 KW)
Maximum net torque	500 Nm @ 1.400 rpm
Aspiration	Turboalimentado
Cylinders	6
Displacement	6,75 ℓ
Injection system	Eletrônica

Electronic fuel economy selection

Emissions certification	MAR 1 / Tier III

Air filter with primary and secondary elements and restriction indicator.

HIDRAULIC SYSTEM

Hydraulic system powered by a gear pump.
2-spool hydraulic control valve operated by a single joystick.
Hydrostatic steering with priority valve.

System relief pressure	160 bar
Steering relief pressure	140 bar
Maximum flow rate	176 ℓ/min à 2.200 rpm

AXLES AND BRAKES

Rugged front and rear axles designed for heavy-duty work. 4-wheel drive.

Tires (front and rear)	17,5 X 25 - 12PR
	17,5 X 25 - 16PR (optional)
	20,5 X 25 - 16PR (optional)
Operating pressure	350 kPa / 50 PSI

Hydraulic service brake with pneumatic servo-assist.

Oil-immersed disc brake or dry disc brake (optional).
Dry disc parking brake at the transmission output.

ELETRIC SYSTEM

Voltage	24 V
Batteries	2
Battery capacity	680 CCA
Alternator	70 A
Front headlights on the front equipment	2
Front headlights on top of the cab	2
Rear headlights on top of the cab	2
Rear brake and turn signal lights	2

COOLING SYSTEM

Radiator assembly positioned at the rear of the machine. Cooled by a high-capacity, belt-driven blower fan. Engine hood featuring gull-wing doors that provide easy access for cleaning and maintenance of all components.

PERFORMANCE

Standard bucket	1,7 m³ e 2,0 m³ (optional)
Operating load	3.000 kg
Articulated tipping load	6.000 kg
Breakout force	10.809 Kgf
Articulation angle	35°

SERVICE CAPABILITIES

Fuel tank	200 ℓ
Engine oil	17,0 ℓ
Transmission	36,0 ℓ
Axles – Front/Rear	18,5 ℓ ⁄ 18,5 ℓ
Hydraulic system	173 ℓ

TRANSMISSION

Countershaft powershift transmission equipped with a mechanical reduction system providing 4 forward and 2 reverse speeds.
Single-stage torque converter.
Conventional differentials.

Maximum Speeds

Front 32,0 km/h | Rear 33,5 km/h

GLOBAL STRENGHTH AND TRADITION

MICHIGAN reserves the right to implement design improvements and changes in specifications at any time, without incurring any obligation to install them on units previously sold. The specifications, descriptions, and illustrative materials contained herein accurately reflect the data known at the time of publication, but may vary by region and are subject to change without prior notice. Illustrations may include optional equipment and accessories and may not include all standard equipment.

MANUFACTURED UNDER THE AUTHORITY OF MICHIGAN GROUP INC.
FLORIDA - USA, FL 33073

MICHIGAN®

michigangroup.us michiganargentina_

WHEEL LOADER

M75HD



OPERATOR BEHAVIOR

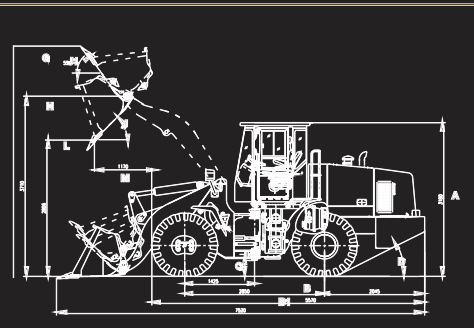
- Digital panel displaying all machine operating indicators and fuel level
- Indicator lights for: engine coolant temperature; air filter restriction; parking brake; low service brake air system pressure; battery charging; low engine oil pressure; turn signals
- Control switches for: fan; windshield wiper; work lights; warning light; instrument panel light; HVAC switch
- Direction selector lever
- Gear selector lever (hydraulic)
- Range selector lever (reduction)
- Single lever for bucket and boom (joystick)
- Parking brake lever
- Master disconnect switch in radiator compartment
- AM/FM radio
- Ignition switch
- Operator seat with headrest and adjustable armrests
- R.O.P.S. / F.O.P.S. cab
- Air conditioning

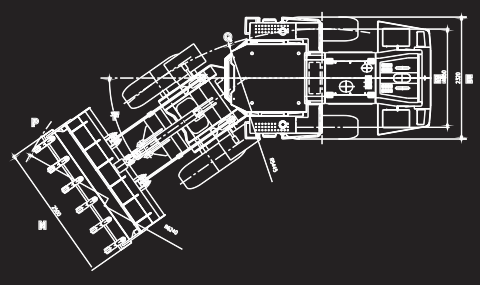
DIMENSIONS

Dump body type	Buck with teeth
Bucket capacity	1,7 m³ e 2,0 m³ (optional)
A. Height to the top of the cab	3.260 mm
B. Wheelbase	2.895 mm
C. Clear span	5.570 mm
D. Departure angle	320 mm
E. Overall width without bucket	27°
E1. Gauge	2.290 mm
F. Chassis articulation angle	2.230 mm
G. Operating height	35°
H. Height to the pivot pin	5.020 mm
I. Total length	4.020 mm
J. Discharge angle - fully raised	7.764 mm
J1. Retraction angle	45°
L. Dumping height - bucket at 45°	55°
M. Discharge range - bucket at 45°	3.170 mm
N. Bed width - external	1.105 mm
P. Turning Radius - Outside of the bucket	2.510 mm
Q. Turning Radius - Outside of the tires	6.240 mm



FRONT ATTACHMENTS:
Z-bar linkage arm
1.7 m³ or 2.0 m³ bucket with teeth
OTHER:
Engine hood with gull-wing doors
Standard counterweight | HVAC system | Engine pre-heating
OPTIONAL:
17.5 x 25 - 12PR tires | 17.5 x 25 - 16PR tires (optional)
20.5 x 25 - 16PR tires (optional)
GPS system with telemetry





GLOBAL STRENGHTH AND TRADITION

MICHIGAN reserves the right to implement design improvements and changes in specifications at any time, without incurring any obligation to install them on units previously sold. The specifications, descriptions, and illustrative materials contained herein accurately reflect the data known at the time of publication, but may vary by region and are subject to change without prior notice. Illustrations may include optional equipment and accessories and may not include all standard equipment.

MANUFACTURED UNDER THE AUTHORITY OF MICHIGAN GROUP INC.
FLORIDA - USA, FL 33073

MICHIGAN®

michigangroup.us michiganargentina_