WHEEL LOADER

M95HD



OPERATING WEIGHT

Standard configuration,
full tank and 80kg operator **16.400 kg**

ENGINE

Manufacturer / Model	WEICHAI/WD10G220E21
Emission Standard	EU Stage II
Engine Type	Diesel, 4-stroke, turbocharged, air-cooled
Rated Power	162KW(220HP)/2200RPM
Maximum Torque	860N·M/1400-1600 RPM
Bore x Stroke (mm)	126x130mm
Number of Cylinders / Displ.	6/9 726L
Compression Ratio	17
Air Cleaner	Three-stage with cyclone pre-cleaner
Alternator	55 AMP
Battery	2-24V/120Ah
Starter Motor	24V/7.5kW
Heating Capacity (W)	5000W
Cooling Capacity (W)	4700W

TRANSMISSION

Powershift transmission with 2 forward and 1 reverse speeds.
Single-stage torque converter.

Maximum speeds	I	II
Front	11,5 km/h	36,0 km/h
Rear	16,0 km/h	-

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

AXLES AND BRAKES

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

Tires (front and rear)	23,5 x 25 - VJT L3
	20,5 x 25 - 16 PR (optional)

Service brake: dry disc type with air-over-hydraulic actuation and separate circuits for each axle (front and rear). Parking brake: dry disc type located at the transmission output, air-actuated via a mechanical control in the operator's compartment. Conventional differential.

COOLING SYSTEM

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

ELETRIC SYSTEM

Voltage	24 V
Batteries	2
Battery capacity	120 Ah
Alternator	55 Ah
Front-mounted headlights	2
Cab-roof headlights	2
Rear cab-roof lights	2
Rear brake and turn signal lights	2

PERFORMANCE

Standard bucket	3,0 m³ (3,92 j³)
Operating load	5.000 kg
Articulated tipping load	10.000 kg
Breakout force	15.800 kgf
Articulation angle	35°

OPERATOR BEHAVIOR

- Analog gauges for: transmission oil temperature; engine coolant temperature; hour meter; transmission oil pressure; engine oil pressure; service brake air system pressure.
- Indicator lights for: air filter, transmission filter, and hydraulic filter restriction; engine coolant and transmission temperatures; economy mode; parking brake; low service brake air system pressure; battery charging; pre-heat; selected gear; turn signals.
- Control switches for: engine pre-heat; fan; windshield wiper; work lights.
- Master disconnect switch
- AM/FM radio
- Sun visor
- Ignition switch
- Cab interior light
- Operator's seat with headrest and adjustable armrests
- Air conditioning with HVAC system
- R.O.P.S. / F.O.P.S. cab

SERVICE CAPABILITIES

Fuel tank	200 ℓ
Engine oil	17,0 ℓ
Transmission	37,0 ℓ
Axles – Front/Rear	18,5 ℓ / 18,5 ℓ
Hydraulic system	173 ℓ

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

M95HD

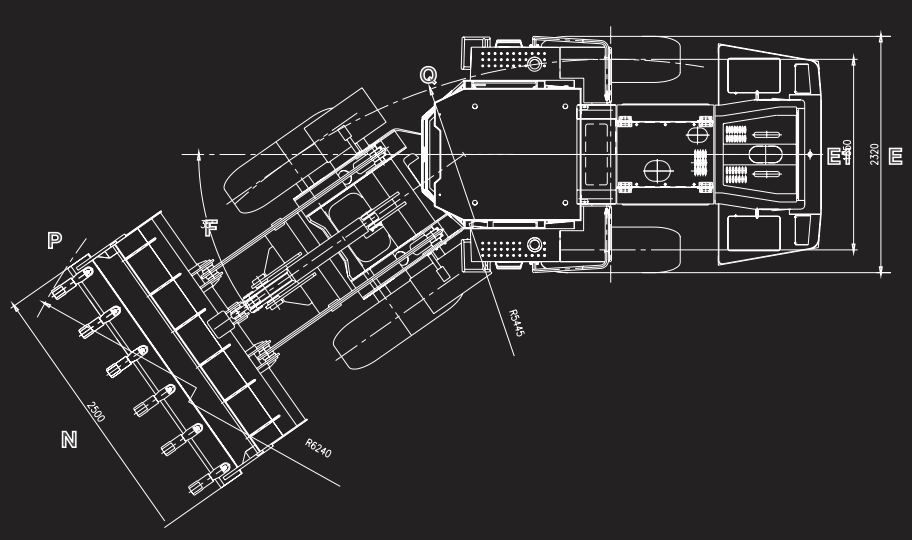


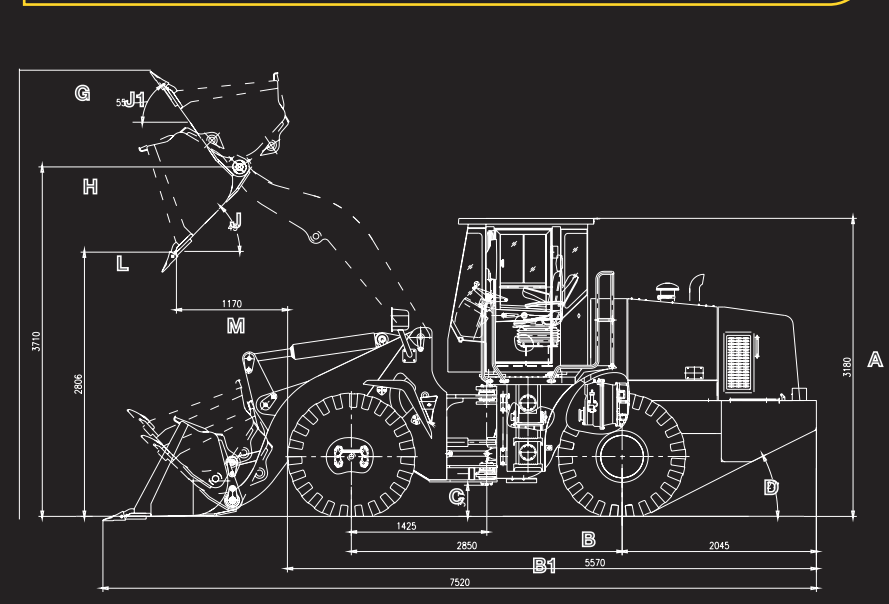
DIMENSIONS

Dump body type	Buck with teeth
Bucket capacity	3,0 m³
A. Height to the top of the cab	3.380 mm
B. Wheelbase	3.070 mm
C. Clear span	530 mm
D. Departure angle	28.6°
E. Overall width without bucket	2.835 mm
E1. Gauge	2.230 mm
F. Chassis articulation angle	35°
G. Operating height	5.383 mm
H. Height to the pivot pin	8.200 mm
I. Total length	7.760 mm
J. Discharge angle - fully raised	45°
J1. Retraction angle	52.6°
L. Dumping height - bucket at 45°	3.078 mm
M. Discharge range - bucket at 45°	1.190 mm
N. Bed width - external	2.290 mm
P. Turning Radius - Outside of the bucket	6.805 mm
Q. Turning Radius - Outside of the tires	6.182 mm



FRONT ATTACHMENTS:
Z-bar linkage
3.0 m³ bucket with teeth
OTHER:
Engine hood with gull-wing doors
Standard counterweight
HVAC system
Engine pre-heater
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_