

MITSUBISHI

MOTOR GRADER

MG330

Weight : 13,575kg

Net Power : 101kW(135HP)

Blade Width : 3,710mm



 **MITSUBISHI**
HEAVY INDUSTRIES, LTD.

Courtesy of Machine Market

SPECIFICATIONS

Type: Articulated frame

Articulation: 26° left or right

Weight: 13,575 kg
with full fuel tank, lubricants, coolant, hydraulic equipment, operator, 3,710 mm blade, 14.00-24-12PR tires, Mid-mounted Scarifier, Rear ripper and ROPS/FOPS cab

Dimensions:

Overall length 7,820 mm
Overall width 2,380 mm
Overall height 2,800 mm
Wheelbase 5,700 mm
Ground clearance 380 mm
Tread
Front 1,980 mm
Rear 2,000 mm
Distance between centers of tandem wheels 1,505 mm

Performance:

Speeds

Forward	1st	3.6 km/h
	2nd	6.3 km/h
	3rd	10.2 km/h
	4th	15.1 km/h
	5th	26.0 km/h
	6th	42.6 km/h
Reverse	1st	3.7 km/h
	2nd	6.4 km/h
	3rd	10.4 km/h
	4th	15.4 km/h
	5th	26.5 km/h
	6th	43.3 km/h

Min. turning radius 6.6 m

Engine:

Model Mitsubishi 6D16-TUH
Type Water-cooled 4-cycle, in-line 6-cylinder, direct-injection, diesel engine, with turbo-charger
No. of cylinders 6
Piston displacement 7.545ℓ
Flywheel horsepower 101kW(135HP)/2,200 rpm net
Max. torque 608 N·m
Air-cleaner Dry cyclone-type with dust evacuator dual element
Starting motor 24 V—5.0 kW
Alternator 24 V—50 A
Battery 24 V(12 V×2)—110 Ah

Transmission:

Powershift (planetary gear, hydraulically actuated) with 6 speeds for both forward and reverse

Final drive:

Double-reduction by spiral bevel and planetary gears without differential

Tandem drive: Roller chain drive

Front axle:

Oscillation 15° left or right
Wheel lean 20° left or right
Ground clearance 555 mm

Brakes:

Service brakes ... Air-actuated, oil cooled disc brakes on four rear wheels
Parking brake Spring-engaged, air disengaged multiple oil disc brake on transmission shaft

Tires: 13.00-24-8PR(G-2)

Disc-wheel: 8.00TG×24

Steering: Full hydraulic power

Hydraulics:

Circuit Open-center
Oil pump Tandem gear pump
Capacity 60+60+60ℓ/min. at 2,200 rpm
Relief pressure 17.2 MPa

Blade:

Type In-seat bank type wear-resistant steel, with box-section reinforcement with hydraulic side-shift
Length×height×thickness ... 3,710 mm×610 mm×19 mm
Max. blade lift above ground 460 mm
Circle turning angle 360°
Max. shoulder reach Left hand 1,890 mm
Right hand 1,900 mm
Max. bank cutting angle 90°
Cutting angle 36° to 81°

Standard equipment*

Operator guard, 2 head lights, 2 rear combination lamps, 2 front directional signals, Back up lamp, Back up alarm buzzer, Electric hour meter, Water temperature gauge, Air pressure gauge, Fuel gauge, Engine oil filter warning lamp, Air filter warning lamp, Engine overheat warning lamp, Engine oil pressure warning lamp, Alternator not charging warning lamp, Electric horn, Panel light, Parking brake indicator, High beam indicator, Turn signal indicator, Air pressure alarm buzzer, Engine overheat alarm buzzer, Parking brake warning horn, Engine muffler, Hand throttle lever, Accelerator, Adjustable operator's seat, Adjustable control console and steering wheel, Reversible side edges and overlay end-bits for moldboard, Rear drawbar with pin, Engine compartment doors, Tool kit, Working clothes, Parts catalog, Operation manual

*Standard equipment will vary depending upon the requirements of the country of destination.

- Specifications and design are subject to change without notice.
- The equipment shown in the photos in this catalog include some parts which are optional.
- In parentheses, reference values are expressed.

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