



SKID LOADER

1650R



KEY FEATURES

- ▲ Multi-Tach® Attachment System (Universal-Type)
- ▲ Hydraloc™ System
- ▲ ROPS/FOPS Level II
- ▲ Dual T-Bar, Hand/Foot or Joystick Control System
- ▲ Zero Maintenance Axles w/8-Bolt Rims
- ▲ Acoustical Sound Material and Deluxe Headliner
- ▲ Standard High Back Cushion Seat
- ▲ Entry / Exit Grab Handles

KEY SPECIFICATIONS

- ▲ Operating capacity (50%) – 1,650 lbs. (748 kg)
- ▲ Overall height to top of ROPS – 77" (1956 mm)
- ▲ Gross Power – 69.3 hp (51.7 kW) @ 2500 rpm
- ▲ Yanmar / 4TNV98C-NMS2 / Tier IV / Stage 3B
- ▲ 178 ft.-lbs. (241 Nm) @ 1625 rpm max torque
- ▲ 118.8" (3018 mm) height to hinge pin
- ▲ 62.2" (1580 mm) machine width - less bucket
- ▲ 6,165 lbs. (2769 kg) operating weight



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SPECIFICATIONS

		IMPERIAL	METRIC
DIMENSIONS	Overall Operating Height - Fully Raised	152.6"	3876 mm
	Height to Hinge Pin - Fully Raised	118.8"	3018 mm
	Overall Height to Top of ROPS	77"	1956 mm
	Overall Length with Bucket (w/o Counterweight)	122.1"	3101 mm
	Dump Angle at Full Height	38°	
	Dump Height - Fully Raised	93.7"	2379 mm
	Dump Reach at Full Height	22.8"	579 mm
	Maximum Rollback Angle at Ground	28°	
	Rollback Angle at Full Height	99°	
	Seat to Ground Height	35.6"	904 mm
	Wheelbase	38.8"	986 mm
	Overall Width - Less Bucket ^A	62.2"	1580 mm
	Bucket Width	61.5"	1562 mm
	Ground Clearance to Chassis	6.3"	160 mm
	Overall Length without Bucket (w/o Counterweight)	93.9"	2385 mm
	Rear Departure Angle	21°	
	Clearance Radius - Front with Bucket	73.6"	1869 mm
	Clearance Radius - Front without Bucket	45.4"	1153 mm
	Clearance Radius - Rear (w/o Counterweight)	57.7"	1466 mm
	Standard Specification Tire Size	10.00x16.5 HD	
ENGINE	Make	Yanmar	
	Model	4TNV98C-NMS2 Tier IV / Stage 3B	
	Gross Power @ 2500 rpm	69.3 hp	51.7 kW
	Net Power @ 2500 rpm	68.4 hp	51 kW
	Maximum Torque @ 1625 rpm	178 ft-lbs.	241 Nm
	Displacement	202.5 cu.in.	3.3 L
HYDRAULICS	Auxiliary Hydraulic Flow - Standard	20.4 gpm	77 L/min
	High-Flow Auxiliary Hydraulics - Option	30.1 gpm	114 L/min
	Reservoir Capacity	10.3 gal.	39 L
ELECTRICAL	Battery	12-volt	950 CCA
	Starter	12-volt	2.3 kW
	Alternator	100-amp	
CAPACITIES / WEIGHTS	Rated Operating Capacity ^B	1,650 lbs.	748 kg
	Rated Operating Capacity with Optional Counterweight ^B	1,800 lbs.	816.5 kg
	Fuel Tank	16.5 gal.	62.5 L
	Travel Speed - Maximum	7.8 mph	12.6 km/hr
	Travel Speed with Two-Speed Option - Maximum	12.1 mph	19.5 km/hr
SOUND / VIBRATION*	Operating Weight ^C - Approximate	6,165 lbs.	2796 kg
	Noise Level / Environmental Level	101 dB	
	Operator Ear	85 dB	
	Hand / Arm Vibration	1.53 m/s ²	
	Whole Body Vibration	1.05 m/s ²	

* Standard seat option and T-Bar controls

^A Overall width is dependent upon the amount of wheel offset

^B Per SAE J8181, SAE J732, and ISO 14397

^C Weight of base unit with standard equipment, standard tires (heavy-duty flotation), standard dirt-construction bucket and 175 lbs. (79 kg) operator.

STANDARD FEATURES

- ▲ Control type: Dual T-Bar, Hand-Foot or Joystick
- ▲ Fuel Gauge with Real Time Fuel Consumption
- ▲ Multi-Tach[®] Attachment System (Universal-Style)
- ▲ Warning Lamps and Buzzer - Engine and Hydraulic Oil Temperature
- ▲ Battery Charge Indicator Lamp
- ▲ Low Oil Pressure Light and Buzzer
- ▲ Seatbelt Indicator Lamp and Buzzer
- ▲ Coolant Temperature Gauge
- ▲ Hourmeter
- ▲ Manual-Control Hydrostatic Drive
- ▲ ROPS/FOPS- Level II - Approved Overhead Guard
- ▲ Operator Restraint Bar with Armrests
- ▲ Independent Hydraulic Reservoir and Hydraulic Oil Cooler
- ▲ Engine Intake Air Pre-Heater Starting Assist
- ▲ Adjustable Seatbelt
- ▲ Lift Arm Support Device
- ▲ Hydraloc[™] System
- ▲ Dual Front and Rear Work Lights
- ▲ Dual, Integral Cleanout Plates
- ▲ Vandalism Lock Provisions - Fuel and Engine Cover
- ▲ Top and Rear Windows
- ▲ Acoustical Sound Material and Deluxe Headliner
- ▲ Deluxe High Back, Cushion Seat
- ▲ Front Auxiliary Hydraulics with 3/4-inch Flat-Faced Couplers
- ▲ Visual Hydraulic Filter Indicator
- ▲ Power Plug (12 V)
- ▲ Horn

OPTIONAL FEATURES

- ▲ Hydraglide[™] Ride Control System
- ▲ Power-A-Tach[®] - Hydraulic Powered Attach System
- ▲ Switchable Self-Leveling Hydraulic Lift Action
- ▲ Engine Block Heater
- ▲ Suspension Seat
- ▲ Cab Door with Wiper
- ▲ Sliding Side Windows
- ▲ Heater/Defroster
- ▲ Bluetooth Radio & Speakers
- ▲ 3-inch Wide Seatbelt - When Required by Law
- ▲ Audible Back-Up Alarm
- ▲ Rear View Mirror
- ▲ Rear Camera - Includes 5" (127 mm) Display
- ▲ Engine Auto-Shutdown System
- ▲ Interior Dome Light
- ▲ Centrifugal Pre-Cleaner
- ▲ Rotating Beacon
- ▲ Impact-Resistant Door
- ▲ Lift Kit - Single Point Lift System
- ▲ Rear Counterweight (increases Rated Operating Capacity by 150 lbs. (68 kg) and adds 1.5" (38 mm) to length)
- ▲ Bucket Bolt-On Cutting Edge
- ▲ Easy Manager Telematics
- ▲ Battery Disconnect Switch
- ▲ Work Light Kit (LED)



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Mustang by Manitou reserves the right to add improvements or make changes in features and specifications at any time without notice or obligation.

Mustang by Manitou reminds users to read and understand the operator's manual before operating any equipment. Also, make sure all safety devices and shields are in place and functioning properly.

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