



# TRACK LOADER

**1650RT**



## KEY FEATURES

- ▲ Multiple Track Widths and Tread Patterns
- ▲ Control Choices: T-bar, Pilot Joystick and Hand/Foot
- ▲ IdealTrax™ Automatic Track Tensioning
- ▲ High-Flow Auxiliary Hydraulics Available
- ▲ Swing-out Cooler

## KEY SPECIFICATIONS

- ▲ 1,650 lbs. (748 kg) Rated Operating Capacity (35%)
- ▲ 69.3 hp (51.7 kW) Yanmar Engine  
4TNV98C-NMS2 / Tier IV
- ▲ 119.6" (3038 mm) Height to Hinge Pin
- ▲ 66" (1676 mm) Overall Machine Width
- ▲ 77.5" (1969 mm) Overall Height

\* Pilot Series machine when configured with optional Pilot Joystick control system.



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## SPECIFICATIONS

	IMPERIAL	METRIC
DIMENSIONS	Overall Operating Height - Fully Raised	157.8" 4008 mm
	Height to Hinge Pin - Fully Raised	119.6" 3038 mm
	Dump Reach at Full Height	25.3" 641 mm
	Dump Angle at Full Height	39°
	Dump Height - Fully Raised	91.7" 2329 mm
	Rollback Angle at Full Height	98°
	Overall Height to Top of ROPS	77.5" 1969 mm
	Overall Length with Bucket (w/o Counterweight)	126.2" 3205 mm
	Overall Length without Bucket (w/o Counterweight)	94.2" 2393 mm
	Specified Height	64.5" 1638 mm
	Reach at Specified Height	22" 559 mm
	Dump Angle at Specified Height	73°
	Maximum Rollback Angle at Ground	28°
	Carry Position	7.8" 198 mm
	Maximum Rollback Angle at Carry Position	28°
	Digging Position - Above Ground	+2.1" 53 mm
	Angle of Departure (w/o Counterweight)	28°
	Ground Clearance to Chassis	7.3" 185 mm
	Crawler Base	49.8" 1265 mm
	Overall Width - Less Bucket - Narrow / Wide	66" / 68" 1676 / 1727 mm
	Bucket Width	66" 1676 mm
	Clearance Radius - Front with Bucket	77.9" 1979 mm
	Clearance Radius - Front without Bucket	48.7" 1237 mm
	Clearance Radius - Rear (w/o Counterweight)	56.7" 1440 mm
	Maximum Rollback at Specified Height	62°
CAPACITY	Operating Capacity at 35% Tipping Load	1,650 lbs. 748 kg
	Operating Capacity at 50% Tipping Load	2,357 lbs. 1069 kg
	Tipping Load	4,715 lbs. 2139 kg
	Operating Weight	8,020 lbs. 3638 kg
ENGINE	Make/Model	Yanmar/4TNV98C-NMS2 Tier IV
	Type	4-Stroke Naturally Aspirated
	Displacement/Cylinders	202.5 cu.in. / 4 3.3L / 4
	Gross Power @ 2500 rpm	69.3 hp 51.7 kW
	Net Power @ 2500 rpm	68.4 hp 51.0 kW
	Oil Pump Capacity	9.5 qts. 9L
	Alternator Voltage / Amperage	112V / 100A
TRACK DRIVES	Drawbar Pull/Traction Effort	9,578 lbs. 4,345 kg
	Track Type / Track Rollers / Roller Type	Rubber/4/Steel
	Track Gauge - Narrow / Wide	53.4" / 55.4" 1356 / 1407 mm
	Track Width - Narrow / Wide	12.6" / 15.75" 320 / 400 mm
	Ground Pressure - Narrow / Wide	6.5 / 5.2 psi .45 / .36 bar
FORCES	Bucket Breakout - Tilt Cylinder	4,230 lbs. 1,919 kg
	Bucket Breakout - Lift Cylinder	5,060 lbs. 2295 kg
	Ground Speed - Single Speed	6.5 mph 10.5 km/h
	Ground Speed - Two Speed	10.0 mph 16.1 km/h
VOLUME	Fuel Tank	16.5 gal. 62.5 L
	Hydraulic Reservoir Tank	10.3 gal. 39 L
	Coolant Capacity	3.4 gal. 12.9 L
HYDRAULICS	Auxiliary Hydraulic Flow - Rated Speed	18.7 gpm 71 L/min
	High-Flow Hydraulic Flow - Rated Speed	32.1 gpm 121 L/min
	Hydrostatic Pump Transmission: Hydrostatic pumps with integral charge pumps - Direct drive off engine flywheel	
	Motor Type	Radial Piston
BATTERY	Battery Volts	12 V
	Cold Cranking Amps at @ 0° F	950 CCA -18° C

## STANDARD FEATURES

- ▲ Multi-Tach™ Attachment Mounting System
- ▲ Anti-Vandalism Protection
- ▲ Auxiliary Hydraulics
- ▲ Brake Control (Auto / Manual)
- ▲ Color Display with Full Instrumentation
- ▲ Engine Auto-Shutdown System
- ▲ High-Back Adjustable Seats
- ▲ Foot and Hand Throttles
- ▲ Horn
- ▲ Hydracloc™ Safety System
- ▲ Hydrostatic Drive - Servo
- ▲ Integral Access Plate (removable)
- ▲ Lift Arm Support Device
- ▲ Operator Restraint Bar
- ▲ ROPS/FOPS Level II Overhead Guard
- ▲ Sound Reduction Material
- ▲ Swing-Out Cooler
- ▲ Two Speed Drive
- ▲ Work Lights - Front and Rear



## OPTIONAL FEATURES

- ▲ Air Conditioning
- ▲ Back-Up Alarm
- ▲ Cab Enclosure
- ▲ Controls: T-Bar, Hand/Foot, Pilot Operated Joystick
- ▲ Counterweight
- ▲ Engine Block Heater
- ▲ Heating
- ▲ High-Flow Auxiliary Hydraulics
- ▲ Hydraglide™ Ride Control
- ▲ Power-A-Tach® Attachment Mounting System
- ▲ Selectable Self-Leveling Hydraulic Lift Action
- ▲ Suspension Seat - Air Ride
- ▲ Suspension Seat - Mechanical
- ▲ Two-Speed Drive



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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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