



# TRACK LOADER

## 1850RT



## KEY FEATURES

- ▲ IdealTrax™ - Automatic Track Tensioning System
- ▲ Low Effort Joystick Controls
- ▲ Air Suspension Seat\*
- ▲ Cab Enclosure with Heat and Air Conditioning\*
- ▲ High Flow Auxiliary Hydraulics\*
- ▲ 2 Travel Speeds
- ▲ Power-A-Tach Quick Coupler\*
- ▲ Lift Arm Float Mode and Hydraglide™ Ride Control

\*Optional Equipment

## KEY SPECIFICATIONS

- ▲ Operating capacity (35%) – 1,850 lbs. (839 kg)
- ▲ Overall height to top of ROPS – 83" (2103 mm)
- ▲ 69.9 hp (52.1 kW) @ 2500 rpm
- ▲ Yanmar / 4TNV98C-NMSL / Tier IV / Stage 3B
- ▲ 178 ft.-lbs. (241 Nm) @ 1625 rpm max torque
- ▲ 5354 lbf. (24.29 kn) tilt breakout force
- ▲ 128" (3251 mm) height to hinge pin
- ▲ 9,160 lbs. (4128 kg) operating weight

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### SPECIFICATIONS

	IMPERIAL	METRIC	
DIMENSIONS	Overall Operating Height - Fully Raised	168"	4267 mm
	Height to Hinge Pin - Fully Raised	128"	3251 mm
	Dump Reach at Full Height	34.5"	876 mm
	Dump Angle at Full Height	40.2°	
	Dump Height	98"	2489 mm
	Rollback Angle at Full Height	102.5°	
	Overall Height to Top of ROPS	83"	2103 mm
	Overall Length with Bucket & Std. c-wt.	148"	3754 mm
	Overall Length without Bucket & Std. c-wt.	114.8"	2921 mm
	Specified Height	67.5"	1715 mm
	Reach at Specified Height	31.1"	790 mm
	Dump Angle at Specified Height	66.8°	
	Maximum Rollback Angle at Ground	30°	
	Carry Position	8.2"	208 mm
	Maximum Rollback Angle at Carry Position	31.6°	
	Digging Position - Above Ground	+9"	+ 23 mm
	Angle of Departure with Std. c-wt.	30.4°	
	Ground Clearance to Chassis	12.5"	318 mm
	Track Gauge	51.7"	1313 mm
	Crawler Base	54.8"	1392 mm
	Overall Width - Less Bucket	64.4"	1636 mm
	Bucket Width	65.9"	1674 mm
	Clearance Radius - Front with Bucket	91.4"	2322 mm
Clearance Radius - Rear w/ Std. c-wt.	65.6"	1666 mm	
Maximum Rollback at Specified Height	66.8°		
Angle of Approach	90°		
Grouser Height	1.0"	25 mm	
CAPACITY	Operating Capacity at 35% Tipping Load	1,850 lbs.	839 kg
	Operating Capacity at 50% Tipping Load	2,643 lbs.	1199 kg
	Tipping Load	5,286 lbs.	2398 kg
	Operating Weight	9,160 lbs.	4128 kg
ENGINE	Make/Model	Yanmar / 4TNV98C-NMSL	
	Type	4-Stroke Naturally Aspirated	
	Displacement / cylinders	203 cu. in. / 4	3.319 / 4
	Gross Power @ 2500 rpm	69.9 hp (52.1 kW)	
	Net Power @ 2500 rpm	68.4 hp (51 kW)	
	Peak Torque @ 1625 rpm	178 ft-lbs	241 Nm
Alternator Voltage / Amperage	14 V / 100 A		
TRACK DRIVES	Drawbar Pull / Tractive Effort	10,218 lbs.	4635 kg
	Track Type / Track Rollers / Roller Type	Rubber / 4 / Steel	
	Track Width	12.6"	320 mm
	Ground Pressure	6.3 psi	0.43 bar
FORCES	Bucket Breakout - Tilt Cylinder	5,354 lbs.	2429 kg
	Bucket Breakout - Lift Cylinder	5,016 lbs.	2275 kg
	Ground Speed - Single Speed	5.9 mph	9.5 km/h
	Ground Speed - Two Speed	8.8 mph	14.2 km/h
VOLUME	Fuel Tank	24 gal.	91 L
	Hydraulic Reservoir Tank	11 gal.	41.6 L
	Coolant Capacity	3.5 gal.	13.3 L
HYDRAULICS	Auxiliary Hydraulic Flow	18.5 gpm	70 L/min
	Rated Speed @ 2500 rpm		
	High-Flow Hydraulic Flow - Rated Speed	34 gpm	128.8 L/min
	Transmission Pump Type	Axial Piston	
Motor Type	Axial Piston with planetary gear box reduction		
BATTERY	Battery Volts	12 V	
	Cold Cranking Amps at @ 0° F (-18° C)	850 CCA	
SOUND & VIBRATION	Sound Power	103.0 dB(A)	
	Operator Ear	82.0 dB(A)	
	Hand/Arm Vibration	≤ 2.73 m/s² (±0.37k)	
	Whole Body Vibration	≤ 0.98 m/s² (±0.37k)	

### STANDARD FEATURES

- ▲ Deluxe High-Back Cushion Seat - Mechanical Suspension
- ▲ IdealTrax™ - Automatic Track Tensioning System
- ▲ All-Tach™ Attachment System (Universal-Style)
- ▲ Two-speed drive system
- ▲ Open Canopy ROPS with Rear and Top Windows
- ▲ Horn and Back-Up Alarm
- ▲ Cab Interior Light
- ▲ Tilt-Out Foot Well for Maintenance / Service Access
- ▲ Foot and Hand throttle
- ▲ Centralized Fuse and Power Distribution Location
- ▲ Operator Restraint Bars w/ Adjustable Armrests
- ▲ Hydraglide™ Ride Control
- ▲ Hyraloc™ Safety System
- ▲ Battery Disconnect
- ▲ Engine Auto Alert System with Error Display
- ▲ Engine Glow Plug Starter Assist - Automatic / Manual
- ▲ Information Center with Multi-Function Color Display
- ▲ Mechanical Lift Cylinder Lock
- ▲ Lift Arm Float Feature
- ▲ Proportionally Controlled Auxiliary Hydraulics
- ▲ Self-Leveling Hydraulic Lift Action
- ▲ Work Lights - Front and Rear
- ▲ ROPS/FOPS Level II Overhead Guard
- ▲ Lockable Manual Compartment
- ▲ Maintenance free rollers
- ▲ Adjustable Joystick Controls - Pilot
- ▲ Hydrostatic Drive - Pilot
- ▲ Standard Internal Counterweight
- ▲ Cell Phone and Cup Holders
- ▲ Parking / Emergency Brake
- ▲ Vandalism Lock Provisions



### OPTIONAL FEATURES

- ▲ 14-Pin Electrical Attachment Harness and Handle
- ▲ IdealAccess™ - Folding Cab Door
- ▲ Swing-out Glass Door
- ▲ Impact Resistant Door
- ▲ Selectable Self-Leveling
- ▲ High-Flow Auxiliary Hydraulics
- ▲ Power-A-Tach® Attachment Mounting System
- ▲ Rear Counterweight / Bumper
- ▲ Block Heater
- ▲ Cab with Heat & Air Conditioning
- ▲ Radio AM-FM-WB
- ▲ Air Ride Suspension Seat
- ▲ Rear View Camera
- ▲ Sound Reduction Material
- ▲ Rear-view Mirrors
- ▲ 3" Seatbelt
- ▲ Sliding Side Windows
- ▲ Strobe Light
- ▲ Easy Manager Telematics



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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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