



# 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

# TRACK LOADER

## 1850RT

### 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
- ▲ Hydraloc™ 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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