

RT-50

MOVING MOUNTAINS ONE LOAD AT A TIME.



Introducing the RT-50 powered by YANMAR—one of our smallest compact track loaders just got stronger. This nimble mid-size machine features serious performance for its weight and size, making it an ideal machine for a variety of jobs and ground conditions. Featuring best-in-class ground pressure, ground clearance and comfort, the RT-50 allows operators to do more work in more places.

// UNCOMPROMISING PERFORMANCE / EASY TRANSPORTABILITY / PREMIUM COMFORT

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Powered by **YANMAR**

RT-50 COMPACT TRACK LOADER

OPERATING SPECIFICATIONS

LOADER ARMS	Radial
OPERATING WEIGHT	5,180 lbs (2,349 kg)
SHIPPING WEIGHT	4,597 lbs (2,085 kg)
GROUND PRESSURE AT OPERATING WEIGHT	std. track - 3.0 psi (20.7 kPa) opt track - 2.7 psi (18.6 kPa)
RATED OPERATING CAPACITY (35% of tipping load)	1,400 lbs (635 kg)
OPERATING CAPACITY (50% of tipping load)	2,000 lbs (907 kg)
TIPPING LOAD	4,000 lbs (1,814 kg)
TRAVEL SPEED, MAXIMUM	7.1 mph (11.4 kph)

ENGINE

TYPE	Diesel, 3-cylinder, turbo charged YANMAR 3TN86CHT
GROSS POWER RATING	53.8 hp (40.1 kW)
TORQUE	103 ft-lb (139.7 Nm)
DISPLACEMENT	95.7 in. ³ (1.6 L)
COOLING SYSTEM	Engine-driven fan and coolant/anti-freeze-filled radiator
INTAKE AIR CLEANER	Dual stage
EMISSION CONTROLS	Meets all U.S. EPA Tier 4 final standards

UNDERCARRIAGE

TRACK TYPE: General purpose track constructed of rubber compound with embedded co-polymer cords and all-purpose treads; Two rows of internal track lugs; Turf track with smooth tread available as an option

TRACK WIDTH	15 in. (381 mm)
LENGTH OF TRACK ON GROUND	57 in. (1,448 mm)
GROUND CONTACT AREA	1,713 in. ² (1.1 m ²)
DRIVE SYSTEM	Two hydrostatic direct drive sprockets controlled by single joystick
TRACK DRIVE SPROCKET	Elevated with low-friction, replaceable sprocket rollers
UNDERCARRIAGE SUSPENSION	Two independent torsion axles per undercarriage
ROLLER WHEELS	12 ultra-high molecular weight polyethylene and rubber wheels per track. Wheels include metal-face sealed bearings.
ROLLER WHEEL DIAMETER	Front & rear wheels: 14 in. (355.6 mm) Middle wheels: 10 in. (254 mm)

AUXILIARY HYDRAULIC SYSTEM

PUMP CAPACITY	13.3 gpm (50.4 lpm)
SYSTEM PRESSURE, MAX.	3,000 psi (20,684 kPa)
CONTROLS	Variable flow via joystick rocker switch, or continuous via console switch
COUPLERS	Push to connect quick couplers mounted on manifold block. Pressure relief valve on block.
COOLING SYSTEM	High efficiency oil cooler beside engine radiator, not stacked

ELECTRICAL SYSTEM

NOMINAL CHARGE	12 V
BATTERY	590 CCA
CHARGING SYSTEM	80 amp alternator
OUTLETS	1-12 V port inside operator station
WIRING	Pre-wired for all factory-available accessories
STANDARD FEATURES	Engine block heater

OPERATOR STATION

SEAT: Adjustable contour vinyl seat with built-in operator presence switch, lap bar and 2 in. (51 mm) wide seat belt

LOADER CONTROL: Right-hand pilot hydraulic joystick controls loader lift, lower and tilt, plus intermittent control of auxiliary hydraulic.

DRIVE CONTROL: Left-hand pilot hydraulic joystick controls machine speed and direction.

ENGINE SPEED	Hand-operated rotary throttle
PARKING BRAKE	Actuated by dash-mounted switch
MULTI-FUNCTIONAL COLOR 4.3 INCH DISPLAY/INDICATOR:	Engine RPM, Engine Coolant Temperature, Engine Oil Pressure, Hydraulic Oil Temperature, Battery Voltage, Hour Meter, Fuel Level, Trip Meter, Engine Diagnostics, System Monitoring, Fault Logging and More
ROPS	Meets ISO 3471
FOPS	Meets ISO 3449
OPERATOR RESTRAINT ANCHORAGE	Meets ISO 6683 CAL OSHA 1596
ILLUMINATION	2 - Adjustable forward-facing LED lights 1 - Adjustable rear-facing LED light 1 - Interior light 2 - Red LED Tail Lights
STANDARD FEATURES	Horn, Backup alarm

