



**YANMAR**

# TL50RP

COMPACT TRACK LOADER



**POWERFUL,  
DEPENDABLE  
PERFORMANCE**

**EASY TO  
TRANSPORT**

**OPERATOR COMFORT,  
BUILT IN**

## POWERFUL PERFORMANCE WITH LOW GROUND IMPACT

The TL50RP delivers powerful performance with exceptionally low ground pressure, making it ideal for sensitive and demanding jobsites alike. Agile in tight spaces yet capable under load, it balances strength and efficiency across a range of applications.

Built on ASV Posi-Track® technology, it provides smooth operation, reliable traction and consistent productivity across environments. This allows operators to work effectively while minimizing impact on finished or delicate surfaces.

## QUICK SPECS

OPERATING WEIGHT (OPEN ROPS)	GROSS POWER RATING	RATED OPERATING CAPACITY (35% OF TIPPING WEIGHT)
5,205 lbs (2,361 kg)	53.8 hp ( 40.1 kW )	1,400 lbs (635 kg)

**BUILDING WITH YOU**

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**OPERATING SPECIFICATIONS**

LOADER ARMS	RADIAL
OPERATING WEIGHT (OPEN ROPS)	5,205 lbs (2,361 kg)
OPERATING WEIGHT (ENCLOSED CAB)	5,530 lbs (2,508 kg)
GROUND PRESSURE AT OPERATING WEIGHT	3.0 psi (20.68 kPa)
RATED OPERATING CAPACITY (35% OF TIPPING WEIGHT)*	1,400 lbs (635 kg)
OPERATING CAPACITY (50% OF TIPPING WEIGHT)	2,000 lbs (907 kg)
TIPPING WEIGHT	4,000 lbs (1,814 kg)
TRAVEL SPEED, MAXIMUM (mph)	7.1 mph (11.4 kmh)
BREAKOUT FORCE (DIRT BUCKET)	2,920 lbs (1,324 kg)

\* Rated operating capacity (roc) is based off an allowable working capacity

**ENGINE**

TYPE	Diesel, 3-cylinder, turbocharged
MODEL	YANMAR 3TNV86CHT
GROSS POWER RATING	53.8 hp (40.1 kW)
DISPLACEMENT	95.7 in <sup>3</sup> (1.6 L)
TORQUE, PEAK	103 ft-lb (139.7 Nm)
COOLING SYSTEM TYPE AND CAPACITY	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
STANDARD FEATURES	Engine block heater

**SERVICE CAPACITY**

FUEL TANK	13 gal (49 L)
DEF CAPACITY	N/A

**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

**AUXILIARY HYDRAULIC SYSTEM**

AUXILIARY HYD. FLOW	STANDARD	13.3 gpm (50.4 lpm)
	HIGH	N/A
AUXILIARY HYD. PRESSURE	STANDARD	3,000 psi (20,684 kPa)
	HIGH	N/A
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	
QUICK-ATTACH MOUNTING PLATE	Universal Standard Skid Steer Quick Attach coupler with manual latching pins	

**UNDERCARRIAGE**

TRACK TYPE	General purpose track with embedded co-polymer cords and all-purpose treads
TRACK WIDTH	15 in (381 mm)
LENGTH OF TRACK ON GROUND	57 in (1,448 mm)
GROUND CONTACT AREA	1,713 in <sup>2</sup> (1.1 m <sup>2</sup> )
DRIVE SYSTEM	Two hydrostatic direct drive sprockets controlled by single joystick
UNDERCARRIAGE SUSPENSION	2 independent torsion axles per undercarriage
ROLLER WHEELS	12 ultra-high molecular weight polyethylene and rubber wheels per track. Wheels include metal-face sealed bearings

**OPERATOR STATION**

CAB	Open ROPS Base (B), Open ROPS Premium (P), Cold Weather Cab Premium (P), All Weather Cab Premium (P)
SEAT	Vinyl seat with built-in operator presence switch (B); premium mechanical suspension seat (P) with built-in operator presence switch, lap bar and 2 in. (51 mm) wide seat belt
CONTROLS	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 CONTROL	Hand-operated rotary throttle
MACHINE DISPLAY	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 fixed forward-facing LED lights; 1 adjustable rear-facing LED light; 1 interior light; 2 red LED tail lights
STANDARD FEATURES	Horn, backup alarm, rear window (P), cup holder (P), phone holder (P), roof panel (P), rear window (P), sound insulation (P), 8-pin attachment connector (P)
OPTIONAL FEATURES	Rear view camera, hydraulic quick attach, turf track with smooth treads, brush guard, 1/4" polycarbonate front door

