LiuGong



Engine	Yanmar 4TNV98T-ZCNLYSC
Gross Power	63.9 kW (85.7 hp / 86.9 ps) @ 2,400 rpm
Net Power	61.3 kW (82.2 hp / 83.3 ps) @ 2,400 rpm
Breakout Force	22±2 kN
Rated Operating Capacity	998 kg
Bucket Capacity	0.4 m^3
Operating Weight	4,500 kg

378C
COMPACT TRACK LOADER

TOUGH WORLD. TOUGH EQUIPMENT.

378C SPECIFICATIONS >>>

ENGINE	
Emission Regulation	Tier 3 / Stage IIIA
Manufacturer	Yanmar
Model	4TNV98T-ZCNLYSC
Gross Power	63.9 kW (85.7 hp / 86.9 ps) @ 2,400 rpm
Net Power	61.3 kW (82.2 hp / 83.3 ps) @ 2,400 rpm
Peak Torque	293.5 N · m @ 1,850 rpm
Number of Cylinders	4
Displacement	3.319 L
Cooling Type	Water

ELECTRICAL SYSTEM	
System Voltage	12 V
Alternator Output	85 amps

TRACK & CHASSIS	
Track on Ground	1,425 mm
Tracks Width	320 mm
Ground Pressure	48.4±1 kPa
Track Size	320×86BL×50

HYDRAULIC SYSTEM	
System Type	Open
Standard Flow	76 L /min
Traveling Hydrostatic Pressure	35 MPa
Working Hydrostatic Pressure	24±0.5 MPa
Hydraulic Cycle Time, total	8.5 s
Raise	4 s
Dump	2 s
Lower (float down)	2.5 s

OPERATING WEIGHT	
Operating Weight	4,500 kg

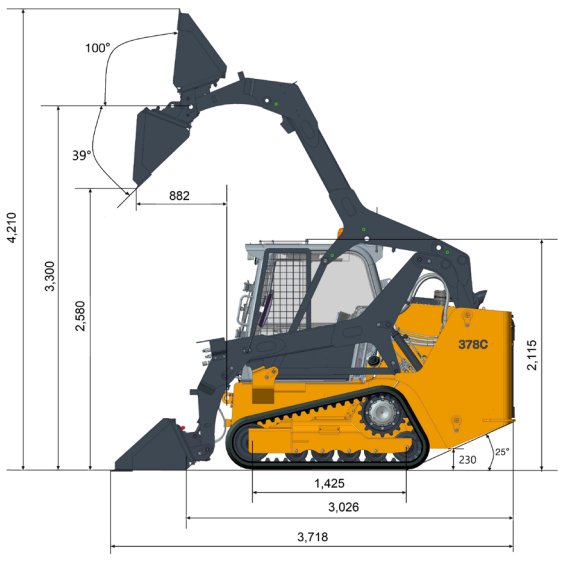
PERFORMANCE	
Static Tipping Load	2,850 kg
Rated Operating Capacity	998 kg
Boom Breakout Force	21±2 kN
Bucket Breakout Force	22±2 kN
Dump Clearance at Full Height Discharge	2,580 mm
Dump Reach at Full Height Discharge	882 mm
Maximum Dump Angle at Full Height	39°
Maximum Hinge Pin Height	3,300 mm
Bucket Rollback at Ground Level	30°
Ground Clearance	230 mm
Angle of Departure	25°
Front Clearance Radius with Bucket	2,117 mm

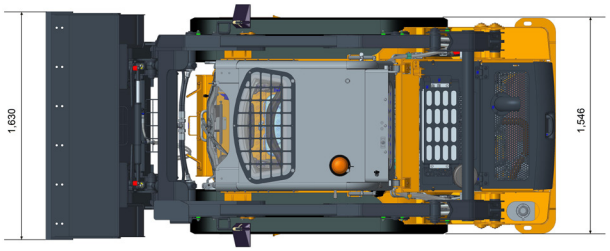
SERVICE CAPACITIES	
Fuel Tank	100 L
Engine Oil	9.4 L
Cooling System	20 L
Hydraulic Reservoir	36.4 L
Hydraulic System Total	48.6 L

OPTIONAL ATTACHMENTS	
4 in 1 Bucket – 0.4 m³	Auger
Rock Bucket – 0.4 m³	Snow Blade
Scrap Bucket – 350 to 650 mm	Pick - up Sweeper
Hydraulic Hammer	Hydraulic Shear
Fork	Lift Boom

STANDARD EQUIPMENT
General Bucket –0.4 m³
Low/high speed-8/15 km/h
Enclosed ROPS/FOPS Cab with AC
Mechnical quick Coupler

OPTIONAL EQUIPMENT
Open ROPS/FOPS Cab
Tracks Width--400 mm
Hydraulic quick couple
Engine aue electric heater
High flow-146L/min





Guangxi Liugong Machinery Co., Ltd.
No. 1 Liutai Road, Liuzhou, Guangxi 545007, PR China
T: +86 772 3886124 E: overseas@liugong.com
www.liugong.com

08/2025 Designed by LiuGong
Replace the previous version of 11/2023

Specifications and designs are subject to change without notice. Machines shown may include optional equipment. LiuGong standard and optional equipment may vary from region to region. Please consult your LiuGong dealer for information specific to your area. Engine power kW is converted to horsepower (1 kW=1.3596 ps and 1 kW=1.3410 hp) in this file.