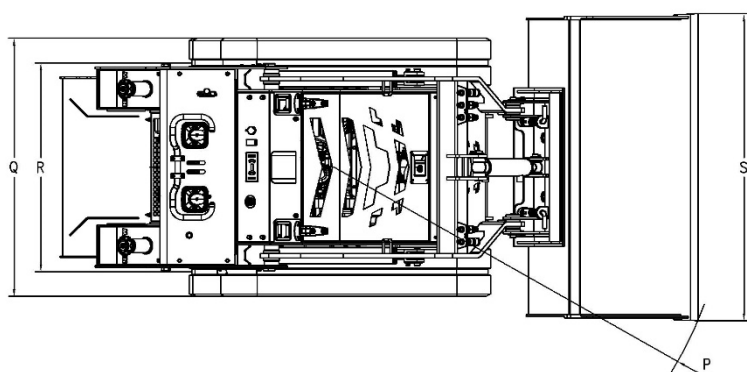
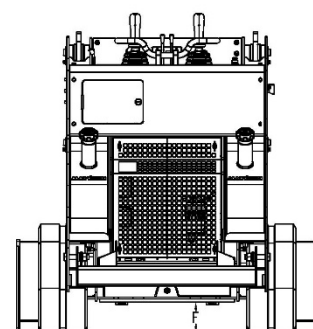
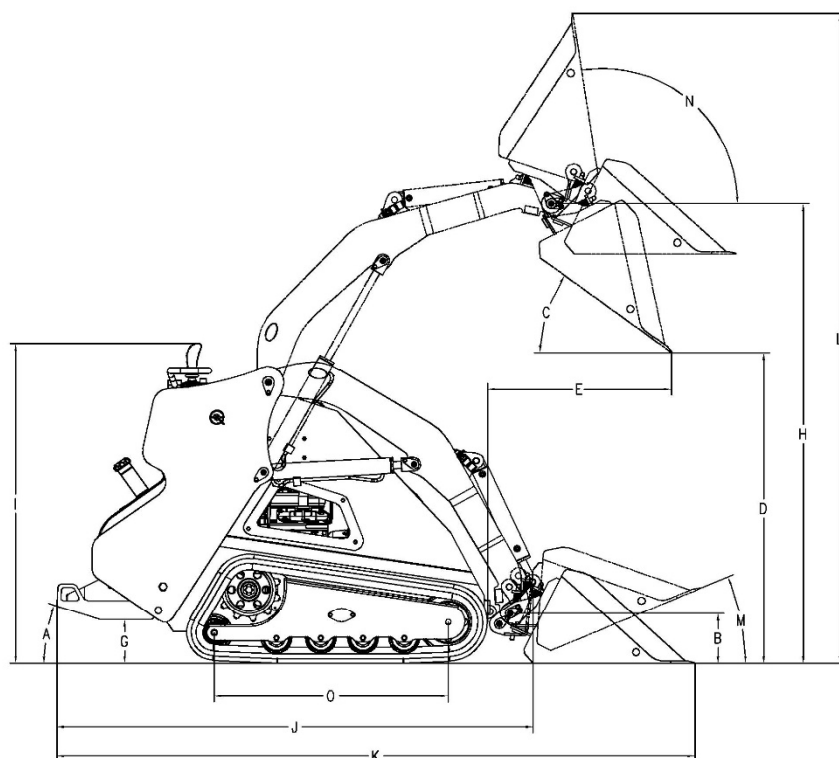


ML530Y MINI TRACK LOADER SPECIFICATIONS

DIMENSIONS



A. Angle of Departure	20°	K. Length with Standard Bucket	2603 mm
B. Carry Position	206 mm	L. Operating Height	2656 mm
C. Dump Angle @ Maximum Height	36°	M. Rollback @carryPosition.....	23°
D. Dump Height with Standard Bucket	1271 mm	N. Rollback Fully Raised	
E. Dump Reach @ Maximum Height	750 mm	@ Maximum Height.....	99°
F. Ground Clearance	128 mm	O. Crawler Base	955 mm
G. Ground Clearance-under platform	180 mm	P. Turning Radius with Standard Bucket	1610 mm
H. Height to Bucket Hinge Pin	1880 mm	Q. Width	1050 mm
I. Height	1309 mm	R. Track Gauge	850 mm
J. Length without Attachment	1942 mm	S. Width with Standard Bucket	1250 mm

MATTSON ML530Y Mini Track Loader

PERFORMANCE

Operating Capacity (35%)	319 kg
Operating Capacity (50%)	456 kg
Tipping Capacity.....	912 kg
Weight (no attachment)	1085 kg
Travel Speed	6.9 km/h

ENGINE/ELECTRICAL

Make/Model	YANMAR // 3TNV82A-BDSA2
Fuel/Cooling	Diesel/Liquid
Horsepower (SAE Gross)	22.2kW
Maximum Governed RPM	3000 RPM
Torque @ 1800 RPM (SAE Net)	82.4 Nm
Number of Cylinders	3
Displacement	1.331L
Bore/Stroke	82mm/84 mm
Fuel Consumption	6.0 L/h
Lubrication	Gear Pump Pressure
Crankcase Ventilation	Closed
Air Cleaner	Dry replaceable cartridge with safety element
Ignition	Diesel-Compression
Engine Coolant	Propylene glycol/water mix (53%-47%) with freeze protection to -37°C
Starting Aid	Glow plugs
Alternator	Belt Driven; 40 amps; Open
Battery	12 V; 65Ah
Starter	12 V; Gear Reduction Type; 1.7 kW

HYDRAULIC SYSTEM

Auxiliary Pump Type	Gear pump
Auxiliary Pump Capacity	47L/min@ 3000 RPM
Auxiliary pump relief	210 Bar
Ground drive pump Type	Double closed circuit axial piston pumps
Ground drive pump capacity	2× 38.4L/min@ 3000 RPM
Ground drive pump relief	180 Bar
Hydraulic Filter	Full flow replaceable, 10 micron synthetic media element
Hydraulic Cylinders	Double-acting
Main Control Valve	2-Spool, open center series parallel configuration
Attachment Control Valve.....	2-Spool, open center series parallel configuration
<i>Bore Diameter</i>	
Lift Cylinder (2)	50mm
Tilt Cylinder (1)	55mm

MATTSON ML530Y Mini Track Loader

Rod Diameter

Lift Cylinder (2) 28 mm

Tilt Cylinder (1) 30 mm

Stroke

Lift Cylinder (2) 395 mm

Tilt Cylinder (1) 290mm

Hydraulic Function Times

Raise Lift Arms 5.1Seconds

Lower Lift Arms 3.5 Seconds

Bucket Dump 2.3 Seconds

Bucket Rollback 1.6 Seconds

DRIVE SYSTEM

Main Drive Fully hydraulic rubber track drive

Transmission Direct drive of hydraulic motor to main undercarriage drive sprocket

Tracks 200 mm wide

Rollers..... 4 Each side

Pressure 25.3 kPa

CAPACITIES

Cooling System 5.6 L

Fuel Tank 35 L

Engine Oil with Filter 5.5L

Hydraulic Reservoir 32 L

Hydraulic System 44 L

CONTROLS

Vehicle Steering Ground drive is controlled by a single, pilot-operated joystick

Lift & Tilt Controlled by one hand lever

Front Auxiliary (Std.) Controlled by two hand lever

Auxiliary Pressure Release .. Fore and aft movement of hand lever after engine has been shut off.

Engine Hand lever throttle: Key-type starter switch and shutdown

Starting Aid Glow Plugs – Activated by key switch

INSTRUMENTATION

The mini track loader conditions are monitored by a combination of gauges and warning lights in the operator's line of sight that monitor the following functions. The system shall alert the operator of monitored loader malfunctions by way of an visual warning lights.

Gauges

Hourmeter

Fuel

Engine speed

Warning Lights

Engine Oil Pressure

Engine Coolant Temperature

System Voltage