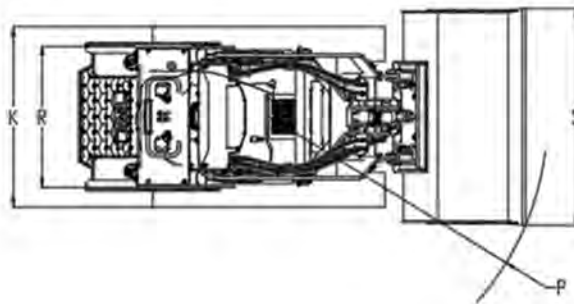
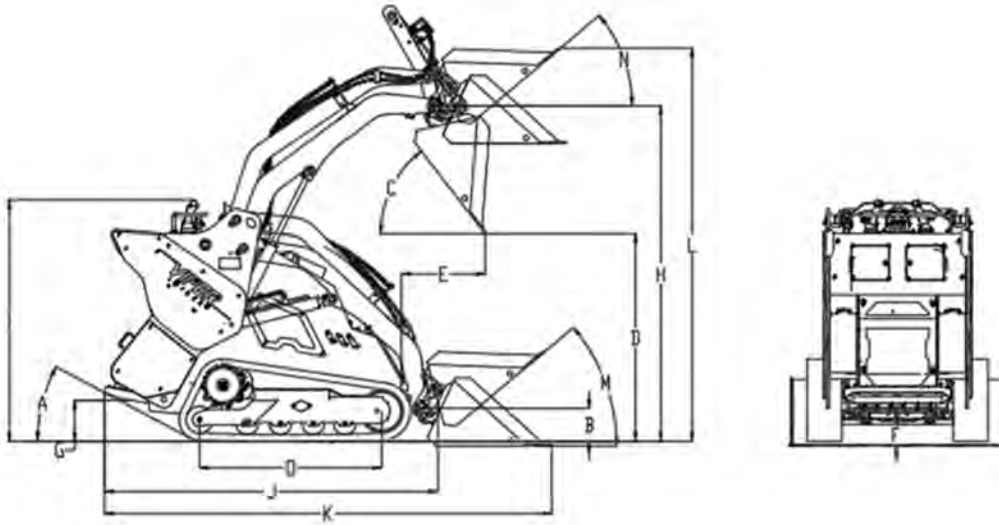


## V1300X MINI SKID STEER LOADER SPECIFICATIONS



A. Angle of Departure	28°	K. Length with Standard Bucket	101.7 in
B. Carry Position	7.5 in	L. Operating Height	89.4 in
C. Dump Angle @Maximum Height	52°	M. Rollback @Carry Position	40°
D. Dump Height with Standard Bucket	48 in	N. Rollback Fully Raised	40°
E. Dump Reach @Maximum Height	19.4 in	@Maximum Height	
F. Ground Clearance	6.5 in	O. Ground Contact Length	41.5 in
G. Ground Clearance (Under Platform)	11.5 in	P. Turning Radius with Standard 49" Bucket	64 in
H. Height to Bucket Hinge Pin	76.3 in	Q. Machine Width	40.9 in
I. Height	54.9 in	R. Wheel Tread (over tracks)	32 in
J. Length without Attachment	75.7 in	S. Width with Standard 49" Bucket	49.2 in



### PERFORMANCE

Rated Operating Capacity (ROC) <sup>1</sup>	1300 lbs
Max. Travel Speed	3.5 mph (with high torque drive motors)
Machine Weight with Bucket	3323 lbs. (pilot valve)

### ENGINE/ELECTRICAL

Make/Model	Yanmar 3TNV80F diesel engine (EPA Tier 4 Final)
Fuel/Cooling	Diesel/Liquid
Horsepower (SAE Gross J1955)	17.8 kW / 23.9 HP or 18.4 kW / 24.7 HP
Torque	52.4 ft-lb @1900 RPM (SAE Net)
Number of Cylinders	3
Displacement	1.266 L (77.2 in <sup>3</sup> )
Bore/Stroke	80 mm (3.15 in) / 84 mm (3.3 in)
Fuel Consumption	1.55 gph estimated
Air Filter	Dry replaceable cartridge with safety element
Starting Aid	Glow plugs
Charging System	Alternator, 12V 40A
Starting System	Electric starting
Battery	12 Volt; 60 Ah; 475 cold cranking amps @ 0°F (-18°C); 75-minute reserve capacity

### HYDRAULIC SYSTEM

Pump Type	Drive pump Type: Two closed circuit axial piston pumps. Auxiliary Pump Type: Gear pump
Main Control Valve	2-Spool, open center series parallel configuration
Auxiliary Control Valve	2-Spool, open center series parallel configuration
Auxiliary Flow	11.5 GPM
Hydraulic Filter	Replaceable 10-micron filtration
Hose Quick Couplers	2 Sets of Quick Couplers: Set 1 - 2 quick couplers to drive a momentary attachment with cylinder(s). Set 2 – 3 quick couplers to drive constant hydraulic flow attachments, with or without case drain or hydraulic return.
System Relief	Auxiliary pump relief: 2900 psi (200 bar) Ground drive pump relief: 3045 psi (210 bar)

### DRIVE SYSTEM

Main Drive	Right Hydraulic Motor drives right side track Left Hydraulic Motor drives left side track
Transmission	Direct drive of hydraulic motor to main undercarriage drive sprocket
Tracks	8" inch wide

<sup>1</sup> ROC with standard bucket 18" off flat ground, full of fuel with operator.

### CAPACITIES

Cooling System	1.3 gal
Engine Oil with Filter	0.8 gal
Fuel Tank	9 gal
Hydraulic Reservoir	11 gal
Hydraulic System	11.9 gal

### CONTROLS

Engine Starting Aid	Key-switch ignition. Preheating function in cold weather. Glow Plugs – Activated by key switch.
Hydraulic Flow Share	Driving tracks hydraulic flow is independent from arm & auxiliary hydraulic flow.
Travelling Direction and Speed	Controlled by a single pilot-operated joystick
Arms Lift & Tilt & Float (rear or front direction and flow)	Controlled by a single pilot-operated joystick
Emergency shut-off	Yes

### INSTRUMENT DISPLAY

V1300X conditions are monitored by a digital display, which has a combination of gauges and warning lights that monitor the following functions:

#### Gauges

Hour meter  
Engine Coolant Temperature  
Fuel level  
Engine speed

#### Gauges Warning Lights

Engine Oil Pressure  
Hydraulic Oil Temperature  
Air filter alarm  
System Voltage