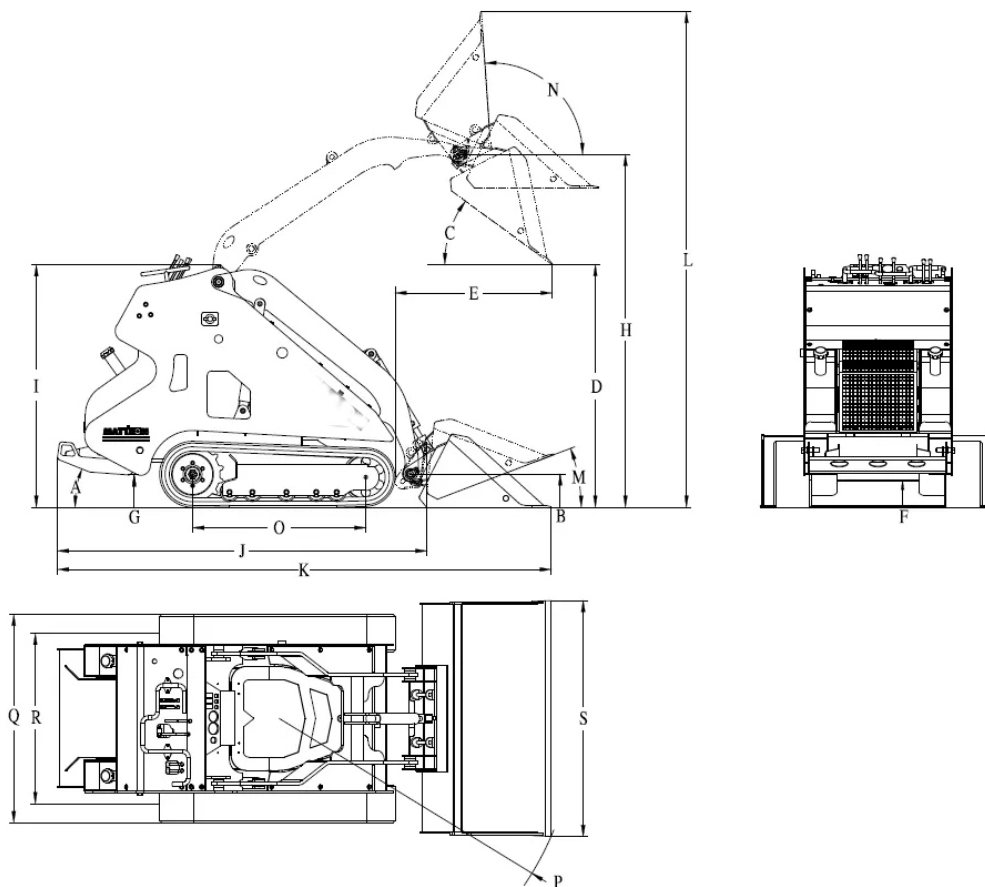


SPECIFICATIONS FOR W 525 MINI SKID STEER LOADER			
Engine	KUBOTA DIESEL Engine	3 cylinders	D1105
	Displacement		1.13L
	Power		25 HP
Main performance parameters	Main performance parameters	km/h	5.9/4.0
	Travel speed (max. & min.)	°	<=35
	Max. Gradeability	rpm	11.3
Hydraulic system	Hydraulic Flow	gpm	14.5
	Traveling Hydrostatic Pressure	bar	210.3
	Fittings		Quick Coupler

Main Features

- 1) Simple structure in linear type ,easy in installation and maintanation.
- 2) Adopting advanced world famous brand components in pneumatic parts ,electric parts and operation parts.
- 3) Great multiple jpb applications.
- 4) Running in a high automatization and intellectualization,no pollution
- 5)Changing attachemnts in seconds with no lifting.



A. Angle of Departure 20°

- B. Carry Position 176 mm
- C. Dump Angle @ Maximum Height 37°
- D. Dump Height with Standard Bucket 1287 mm
- E. Dump Reach @ Maximum Height 833 m
- F. Ground Clearance 141 mm
- G. Ground Clearance-under platform 171 mm
- H. Height to Bucket Hinge Pin 1869 mm
- I. Height 1284 mm
- J. Length without Attachment 1959 mm
- K. Length with Standard Bucket 2619 mm
- L. Operating Height 2626 mm
- M. Rollback @carryPosition..... 21°
- N. Rollback Fully Raised
@ Maximum Height..... 94°
- O. Ground Contact Length 918 mm
- P. Turning Radius with Standard Bucket 1572 mm
- Q. Width 1103 mm
- R. Wheel Tread (over tracks) 903 mm
- S. Width with 36" Bucket 1250 mm

PERFORMANCE

Operating Capacity
(35%)
.... 291 kg

Operating Capacity
(50%)
416 kg

Tipping
Capacity.....
.....832 kg

Weight (no
attachment)
.....1060 kg

Travel
Speed
..... 5.6 km/h

ENGINE/ELECTRICAL

Make/Model Kubota // D1105-E4B-CSR-1

Fuel/Cooling Diesel/Liquid Horsepower (SAE Gross)
18.5kW

Maximum Governed RPM 3000 RPM

Torque @ 2200 RPM (SAE Net) 71.5 Nm

Number of Cylinders 3

Displacement 1.123L

Bore/Stroke 78mm/78.4 mm

Fuel Consumption 6.1 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;45Ah

Starter 12 volt;Gear Reduction Type; 1.4 kW

HYDRAULIC SYSTEM

Pump Type Engine driven, Two Gear type

Pump Capacity 53.4L/min@ 3000 RPM

System Relief @ Quick Couplers 210 Bar

Hydraulic Filter Full flow replaceable, 10 micron synthetic media element

Hydraulic Cylinders Double-acting

Main Control Valve 5-Spool, open center series parallel configuration

Attachment Control Valve..... 2-Spool, open center series parallel configuration

Bore Diameter

Lift Cylinder (2) 45mm

Tilt Cylinder (1) 55mm

Rod Diameter

Lift Cylinder (2) 25 mm

Tilt Cylinder (1) 30 mm

Stroke

Lift Cylinder (2) 295 mm

Tilt Cylinder (1) 280mm

Hydraulic Function Times

Raise Lift Arms 3.5 Seconds

Lower Lift Arms 2.4 Seconds

Bucket Dump 2.5 Seconds

Bucket Rollback 1.8 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.....5 Each side

Pressure 25.3 kPa

CAPACITIES

Cooling System 5.2 L

Fuel Tank	35 L
Engine Oil with Filter	5.1L
Hydraulic Reservoir	34 L
Hydraulic System	40 L

CONTROLS

Vehicle Steering Direction and speed controlled by two handle

Lift & Tilt Controlled by one hand lever

Front Auxiliary (Std.) Controlled by one 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.



