CASE CONSTRUCTION

SL35 TR

TELESCOPIC REACH

SMALL ARTICULATED LOADER

EPA TIER 4 FINAL / EU STAGE V

OPERATING WEIGHT

Open Cab	8,818 lb (4 000 kg)

OVERALL DIMENSIONS

Overall Height	89.6 in (2 275 mm)
Overall Length: Without Bucket	160.1 in (4 067 mm)
Machine Width	52.8 in (1 340 mm)

LOADER PERFORMANCE SPECS

Lifting Height	169.8 in (4 312 mm)
Tipping load (ISO) – Straight	See Graph Pg. 2
Lifting Capacity	See Graph Pg. 2

ELECTRICAL

System Voltage	12 Volts
Alternator	60 amp
Battery	77 AHR 780 cold-cranking amps

ENGINE

Model	Kubota V2403 CR
Emissions Certification	Tier 4 Final/Stage V
Cylinders	4
Displacement	148.5 in^3 (2.434 L)
Fuel	Diesel
Exhaust aftertreatment	DOC + DPF
Engine speeds Rated – full load	RPM 2700
Horsepower @ 2700 RPM – SAE J1349: Gross	 65 hp (48.6 kW)
Peak torque @ 1600 RPM	146.4 lb·ft (198.5 N·m)

DRIVETRAIN

Transmission Type	Hydrostatic, 2 speed
Differential Type:	Open Center w/ Differential Lock
Parking brake: Type	 Drum
Max. Travel speed: Turtle Rabbit	 6.2 mph (9.9 kph) 18.6 mph (30 kph)

HYDRAULICS

Control Valve Type	Open center
Pump Type	Fixed gear
Driving Hydraulics: Flow Rate Operating Pressure	 29.6 gpm (112 L/min) 6,500 psi (450 bar)
Working Hydraulics: Total Flow Rate Operating Pressure	 18.5 gpm (70 L/min) 3,200 psi (220 bar)
Auxiliary 1: Max. Flow Rate Pressure	 18.5 gpm (70 L/min) 3,200 psi (220 bar)
Auxiliary 2 – optional: Max. Flow Rate Pressure	 18.5 gpm (70 L/min) 3,200 psi (220 bar)
Continuous Flow – optional: Max. Flow Rate Pressure	 13.2 gpm (50 L/min) 3,200 psi (220 bar)

SERVICE CAPACITIES

Fuel Tank	18 gal (68 L)
Engine oil w/ filter	10 qt (9.5 L)
Hydraulic system	15.9 gal (60 L)
Engine Coolant	3 gal (11.4 L)

STANDARD EQUIPMENT

OPERATOR ENVIRONMENT

- ROPS/FOPS safety roof
- Safety entry bar
- Key start
- Air suspension vinyl seat
- Armrests
- Retractable seat belt
- Exterior mirrors

ENGINE

- Diesel Oxygen Catalyst
- Diesel Particulate Filter
- Glow plug starting aid
- Engine block heater
- Locking fuel cap
- Cyclone air filter

DRIVETRAIN

- Hydrostatic 4-wheel drive
- FNR control on joystick
- Electrical differential lock axles
- Drum brakes

HYDRAULICS

- 3-spool main control valve
- 1x dual acting auxiliary hydraulics
- Attachment case drain return
- Hydraulic self-level function
- Hose rupture protection on lift cylinder
- Oil cooler

LOADER

- Telescopic reach loader arm
- Loader lift arm support strut
- SSL compatible attachment coupler, hydraulic powered
- Additional counterweights

ELECTRICAL

- 12 volt system
- 77 AHR, 780 CCA battery
- 60 A alternator
- 1 boom worklight
- 2 front cab work lights
- Anti-theft protection with access code
- Battery disconnect switch

OTHER STANDARD FEATURES

- Recovery Hook
- Backup alarm
- Horn

WARRANTY

Base warranty coverage: 2-Year/1,000-Hour Full Machine Limited Warranty

OPTIONAL EQUIPMENT

OPERATOR ENVIRONMENT

- Enclosed cab with HVAC

ENGINE

- Hand throttle

DRIVETRAIN

- Pro inching creep control

HYDRAULICS

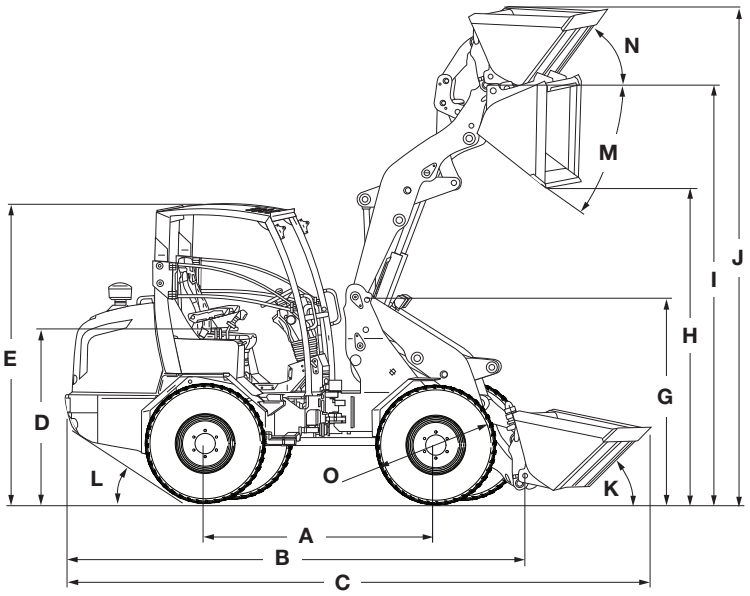
- 2x dual acting auxiliary hydraulics
- Auxiliary hydraulic hold function
- Continuous flow auxiliary hydraulics
- Hydraulic boom suspension (ride control)

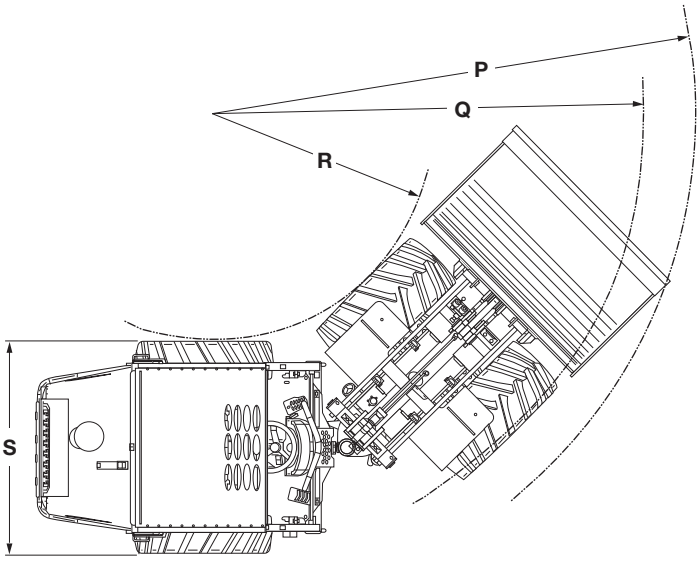
ELECTRICAL

- 2 cab rear work lights
- 14-pin electrical auxiliary connection
- Rotating beacon light
- Strobe light

OTHER

- English, Spanish, or French Operator Manual

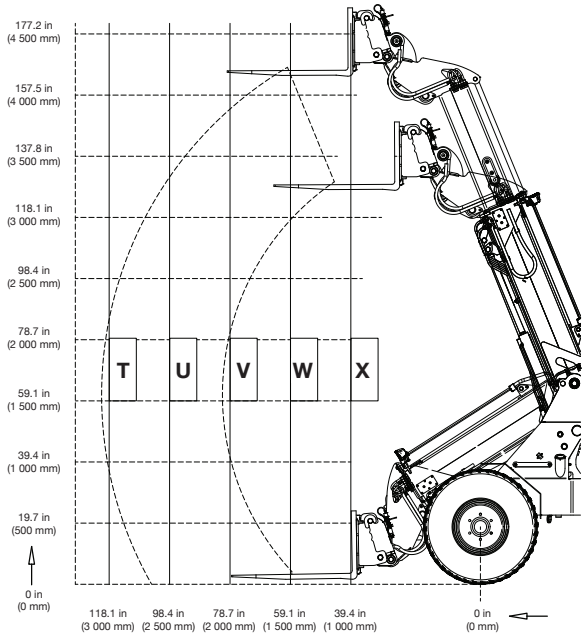




Line drawings are for illustrative purpose only and may not be exact representation of unit.

DIMENSIONS

A.	Wheelbase	77.6 in (1 972 mm)
B.	Total length	160.1 in (4 067 mm)
C.	Length with bucket	77.4 in (1 965 mm)
D.	Seat height	50.0 in (1 270 mm)
E.	Max. height with safety roof	89.6 in (2 275 mm)
F.	Max. height with cabin	89.6 in (2 275 mm)
G.	Height front frame	69.9 in (1 775 mm)
H.	Max. dumping height	134.3 in (3 410 mm)
I.	Lifting height	169.8 in (4 312 mm)
J.	Height with bucket	77.0 in (1 955 mm)
K.	Rollback angle on the ground	42°
L.	Rollback angle at max. lift height	55°
M.	Max. dumping angle	37°
N.	Max. loading angle	22°
O.	Outer size of tires	37.0 in (940 mm)
P.	Maximum radius external	142.3 in (3 615 mm)
Q.	Turning radius on outer edge	124.0 in (3 150 mm)
R.	Inner turning radius	65.9 in (1 675 mm)
S.	Width on standard tires	52.8 in (1 340 mm)



TIPPING LOAD PATHS

T.	1,630 lb (740 kg)
U.	1,770 lb (805 kg)
V.	2,810 lb (1 275 kg)
W.	3,750 lb (1 700 kg)
X.	5,510 lb (2 500 kg)

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Biodiesel Ready

CASE Construction Equipment is biodiesel-friendly. NOTE: All engines meet current EPA emissions regulations. All specifications are stated in accordance with SAE Standards or Recommended Practices, where applicable.

SAFETY™ NEVER HURTS

Always read the Operator's Manual before operating any equipment. Inspect equipment before using it, and be sure it is operating properly. Follow the product safety signs and use any safety features provided.

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