

## OPERATING WEIGHT

Open Cab	5,940 lbs (2 694 kg)
Cab Option	+175 lbs (80 kg)

## OVERALL DIMENSIONS

Overall Height	92.1 in (2 339 mm)
Overall Length:	
Without Bucket	145 in (3 683 mm)
Machine Width	60.0 in (1 523 mm)

## LOADER PERFORMANCE SPECS

Lifting Height	146 in (3 683 mm)
Tipping load—Straight (Retracted)	5,115 lbs (2 320 kg)
ROC 50% Tipping Load,	
Straight, Retracted:	2,557 lbs (1 159 kg)
Articulated, Retracted:	2,172 lbs (985 kg)

## ELECTRICAL

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

## STANDARD EQUIPMENT

### OPERATOR ENVIRONMENT

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

### ENGINE

Glow plug starting aid  
Engine block heater  
Locking fuel cap  
Cyclone air filter

## OPTIONAL EQUIPMENT

### OPERATOR ENVIRONMENT

Enclosed cab with heat  
Air suspension seat

### ENGINE

Hand throttle

## ENGINE

Model	Kubota D1803 CR
Emissions Certification	Tier 4 Final/Stage V
Cylinders	4
Displacement	111.4 in <sup>3</sup> (1.826 L)
Fuel	Diesel
Exhaust aftertreatment	DOC + DPF
Engine speeds	RPM
Rated – full load	2700
Horsepower @ 2700 RPM – SAE J1349:	
Gross	50 hp (37.0 kW)
Peak torque @ 1600 RPM:	
	111.0 lb-ft (150.5 N·m)

## DRIVETRAIN

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

## DRIVETRAIN

Hydrostatic 4-wheel drive  
FNR control on joystick  
Limited Slip w/Diff Lock  
Drum Brakes  
Oscillation lock-out

## HYDRAULICS

3-spool main control valve  
1x dual acting auxiliary hydraulics  
Attachment case drain return  
Loader arm float  
Oil cooler

## LOADER

Telescoping boom  
Standard lift path  
Mechanical self leveling  
Loader lift arm support strut  
SSL compatible attachment coupler,  
hydraulic powered  
Additional counterweights

## DRIVETRAIN

Pro inching creep control

## HYDRAULICS

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

## HYDRAULICS

Control Valve Type	Open center
Pump Type	Fixed gear
Driving Hydraulics:	
Flow Rate	32.0 gpm (121 L/min)
Operating Pressure	5,800 psi (400 bar)
Auxiliary 1:	
Max. Flow Rate	13.5 gpm (51 L/min)
Pressure	3,300 psi (230 bar)
Auxiliary 2 – optional:	
Max. Flow Rate	13.5 gpm (51 L/min)
Pressure	3,300 psi (230 bar)
High Flow – optional:	
Max. Flow Rate	21.0 gpm (79 L/min)
Pressure	3,300 psi (230 bar)

## SERVICE CAPACITIES

Fuel Tank	7.9 gal (30 L)
Engine oil w/ filter	6.7 qt (6.3 L)
Hydraulic system	11.1 gal (42 L)
Engine Coolant	1.7 gal (6.35 L)

## ELECTRICAL

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

## OTHER STANDARD FEATURES

Recovery Hook  
Backup alarm  
Horn

## WARRANTY

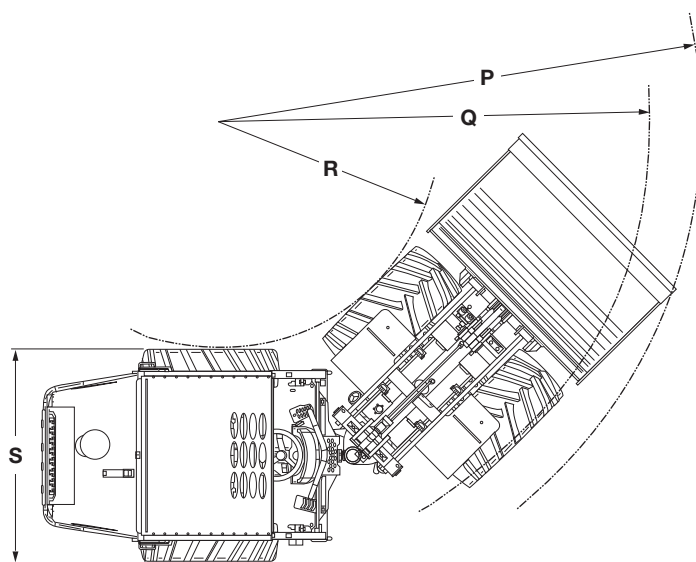
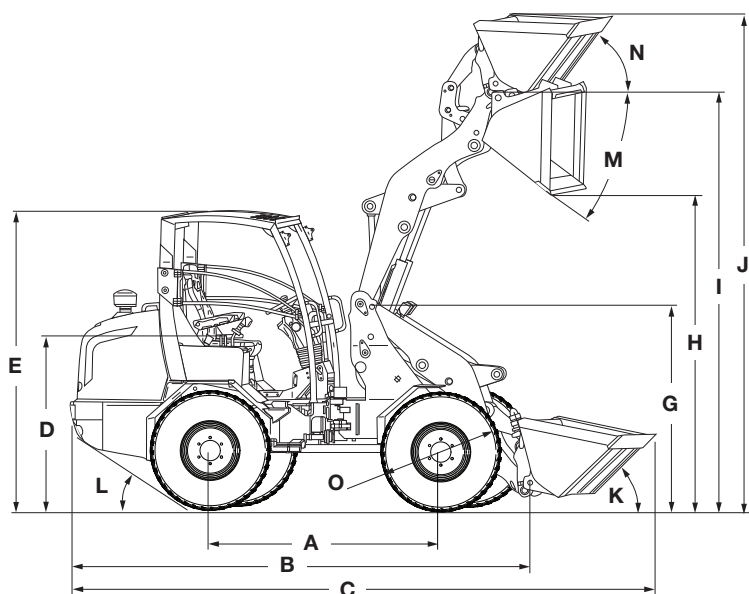
Base warranty coverage: 2-Year/1,000-Hour  
Full Machine Limited Warranty

## ELECTRICAL

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

## OTHER

English, Spanish, or French Operator Manual



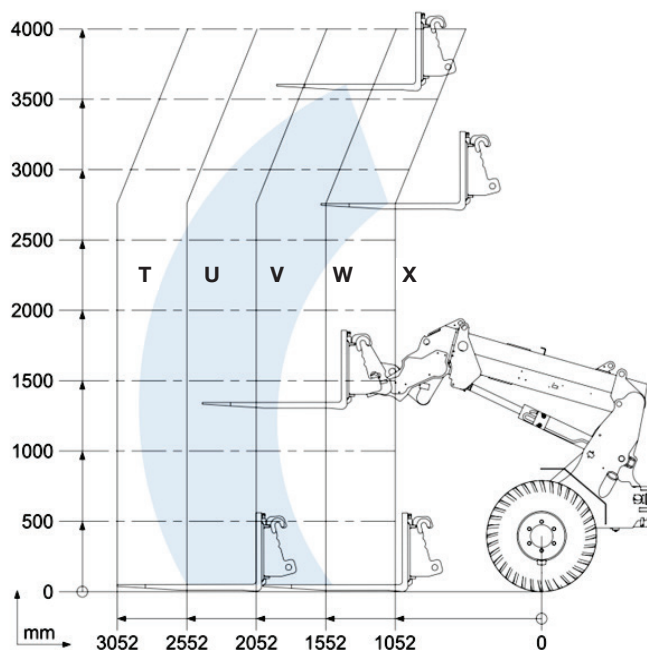
Line drawings are for illustrative purpose only and may not be exact representation of unit.

### DIMENSIONS

<b>A.</b> Wheelbase	66.9 in (1 700 mm)
<b>B.</b> Total length	136.5 in (3 468 mm)
<b>C.</b> Length with bucket	166.9 in (4 239 mm)
<b>D.</b> Seat height	54.3 in (1 380 mm)
<b>E.</b> Max. height with safety roof	92.5 in (2 350 mm)
<b>F.</b> Max. height with cabin	92.5 in (2 350 mm)
<b>G.</b> Height front frame	60 in (1 420 mm)
<b>H.</b> Max. dumping height extended	114 in (2 920 mm)
<b>I.</b> Lifting/hinge pin height	146 in (3 710 mm)
<b>J.</b> Height with bucket	169 in (4 290 mm)
<b>K.</b> Rollback angle on the ground	41°
<b>L.</b> Rollback angle at max. lift height	50°
<b>M.</b> Max. dumping angle	35°
<b>N.</b> Max. loading angle	24°
<b>O.</b> Outer size of tires	34.3 in (871 mm)
<b>P.</b> Maximum radius external	44.9 in (1 140 mm)
<b>Q.</b> Turning radius on outer edge	119.9 in (3 045 mm)
<b>R.</b> Inner turning radius	103.3 in (2 623 mm)
<b>S.</b> Width on standard tires	56 in (1 410 mm)

### TIPPING LOADS

<b>T.</b>	2,059 lb (932 kg)
<b>U.</b>	2,813 lb (1 276 kg)
<b>V.</b>	3,474 lb (1 576 kg)
<b>W.</b>	4,594 lb (2 084 kg)
<b>X.</b>	6,777 lb (3 074 kg)



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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.



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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Replaces Form No. CCE202410SL27TR

**SL27 TR**

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