



45 DTN Specifications

PERFORMANCE

Operating Capacity 50% of Tipping, lb. (kg)	590 (268)
Operating Capacity 35% of Tipping, lb. (kg)	415 (188)
Tipping Load, lb. (kg)	1180 (535)
Travel Speed, Inching Range, mph (km/h)	0.4 (0.6)
Travel Speed, Low Range, mph (km/h)	2.1 (3.4)
Travel Speed, High Range, mph (km/h)	3.5 (5.6)
Travel Speed, Overdrive, mph (km/h)	5.3 (8.5)
Shipping Weight, lb. (kg)	2150 (975)
Operating Weight, lb. (kg)	2450 (1111)

ENGINE

Make	Kubota
Model	D1105
Horsepower Net, HP (kw)	24.8 (18.5)
Horsepower (Gross), HP (kw)	26 (19.4)
Max. Gov. Speed, rpm	3000
Max. Torque, ft.lb. (N.m)	52.7 (72)
No. Cylinders	3
Displacement, cu.in. (cu. cm)	68.53 (1124)
Cooling System	Liquid
Fuel Type	Diesel
Fuel Capacity, gal.(L)	10 (38)

ELECTRICAL

Ignition	12 volt
Battery, CCA	730
Alternater, Amps	40
Glow Plugs Standard	Yes
Head Light, Std.	Yes
12 Volt Accessory Plug, Std.	Yes

CONTROLS

Steering Controls	Two-Hand Levers
Hydraulic Controls	Single Joystick
Aux. Hyd. Circuit #1	Single lever
Aux. Hyd. Circuit #2	Single lever
Parking Brake, Auto Engagement	Yes

DRIVE SYSTEM

Drive Pump	Gear
Drive Type	Motor/Track
Final Drive Chain	No. 60HT Chain

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HYDRAULICS

Pump Capacity, GPM (LPM)	5.5 (20.8)
High Flow Pump Output, GPM (LPM)	8.5 (32.2)
System Relief Pressure, PSI (BAR)	3000 (206.8)
Total Hydraulic Flow, gpm (lpm)	14 (53.0)
Aux. Circuit Equipped With Cylinder Spool	Yes
Aux. Circuit Equipped With Motor Spool	Yes
Selector Valve, Standard.	Yes
Combiner Valve, Standard	Yes
Flow Control Valve, Standard	Yes
Breakout Force - Tilt, lb (kg)	2090 (948)
Breakout Force - Boom, lb (kg)	1550 (703)
No. Boom Cylinders	2
Self Leveling Bucket Standard	Yes
Hydraulic Reservoir Capacity, gal. (L)	11
Filtration	10 Micron
Hydraulic Oil Cooler w/Fan, Standard	Yes
Oil Type	10W30

OPERATION

Standard Tires	na
Standard Track Width, in (mm)	7.09 (180)
Optional Track Width, in (mm)	9.05 (230)
Track Type	Rubber
Ground Pressure, psi (bar)	4.3 (0.3)

OPERATOR COMFORT & SAFETY

Work Light Std.	Yes
Hydraulic Controls Lockout	Yes
Traction Drive Lockout	Yes
Parking Brake (Auto Engage With Engine Off)	Yes
Boom Support	Yes
Shielded Hydraulic Hoses	Yes
Lifting Lugs, Standard	Yes
Transportation Tie Downs	Yes
Hydraulic Combiner Valve, Standard	Yes
Variable Flow Control, Standard	Yes
Single Lever Joystick Hydraulic Control	Yes
Single Hand Steering	Yes
Padded Operator Area	Yes
12 Volt Accessory Plug, Std.	Yes

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DIMENSIONS

Overall Operating Height, in. (mm)	85.0(2159)
Height To Hinge Pin, in (mm)	68.8(1748)
Overall Height of Vehicle, in (mm)	51.3(1302)
Overall Length with Bucket, in (mm)	79.8(2026)
Dump Angle	72.0(1829)
Dump Height, in (mm)	72.0
Reach - Fully Raised, in (mm)	10.0(254)
Height at 45 Deg. Dump Angle, in (mm)	48.8(1238)
Reach at 45 Deg. Dump Angle, in (mm)	18.8(476)
Max. Roll Back at Ground	35
Max. Roll Back Fully Raised	34
Wheelbase, in (mm)	29.3(743)
Overall Length - Less Bucket, in (mm)	63.3(1607)
Ground Clearance, in (mm)	6.0(152)
Max. Grading Angle - Bucket	70
Angle of Departure	30
Bucket Width, in (mm)	36.0(914)
Clearance Circle Front, in (mm)	43.5(1105)
Clearance Circle Front w/Bucket, in	63.5(1613)
Clearance Circle Rear, in (mm)	25.8(655)
Overall Width Less Bucket, in (mm)	35.6(904)
Tread, in (mm)	28.5(724)

Note: All dimensions are with 7.09 (180 mm) tracks and 42 inch (1067 mm) bucket.

Tipping load is based on a 200 lb. (91 kg) operator

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