

175

1750-lb. (794 kg) Capacity



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PERFORMANCE PLUS

If you need power and performance, that's what you'll get with the 175 from Thomas. It begins with a rugged turbo charged Kubota diesel rated at 59.5 hp (44.4 kW). You won't find a rubber band drive system in this loader. Power is transferred from the engine to the loader's hydrostatic pumps through an easily serviced universal joint. You'll muscle your way through any job thanks to a heavy-duty 100 chain drive that provides powerful traction and pushing power to the wheels. A full 1750 lb. (794 kg) lifting capacity combined with over 4250 lbs. (1928 kg) of breakout force and a towering, over 11 ft. (3385 mm) hinge pin height allows the THOMAS 175 to make quick work of any job.



PERFORMANCE:

Rated Lift Capacity, kg(lbs.)	794 (1750)
Travel Speed, km/h(mph)	12.4 (7.7)
Operating Weight, kg(lbs.)	3175 (7000)

ENGINE:

Make/Model	Kubota
Power,ISO Net kW (Net hp) (Gross hp)	41.8 (56) (59.5)
Number of Cylinders	4
Displacement, cc (cu. in.)	2000 (122)

HYDRAULICS:

Pump Output Rating, l/m (gpm)	62.8 (16.6)
System Relief Pressure, BAR (PSI)	165.5 (2400)
No. of Bucket Cylinders,	2
Breakout Force, kg (lbs.)	1928 (4250)
Hyd. Reservoir Capacity, L (gal.)	56 (14.8)

DIMENSIONAL:

Height to Hinge Pin, mm (in.)	3385 (133)
Height to Top of Cab, mm (in.)	2108 (83)
Bucket Width, mm (in.)	1746 (68.75)
Wheelbase, mm (in.)	1003 (39.5)



PERFORMANCE:

Operating Capacity, kg(lbs.)	794 (1750)
Tipping Load, kg(lbs.)	1586 (3500)
Travel Speed, km/h(mph)	12.4 (7.7)
Hydraulic Pump Output, l/m(gpm)	62.8 (16.6)
Breakout Force, kg(lbs.)	1928 (4250)
Shipping Weight, kg(lbs.)	2880 (6350)
Operating Weight, kg(lbs.)	3175 (7000)

ENGINE:

Make	Kubota
Model	V2203T Turbo
Power,ISO Net kW (Net hp) (Gross hp)	41.8 (56) (59.5)
Torque, kg/m(ft.lbs.)	16.9 (122)
Displacement, cc (cu. in.)	2000 (122)
Number of Cylinders	4
Rated Engine Speed, rpm	2800
Cooling System	Liquid
Fuel Type	Diesel No. 2
Fuel Capacity, L(gal.)	73 (19)
Engine-to-Pump Connection	Double Universal Joint

ELECTRICAL:

Ignition	12-Volt
Battery, C.C.A.	730
Alternator, amps	40
Remote Boosting Terminal Standard	Yes

CONTROLS/DRIVE SYSTEM:

Steering Controls	2 Hand Levers
Hydraulic Controls	2 Hand Levers or 2 Pedals
Transmission	Hydrostatic
Drive Chain Size	No.100

HYDRAULICS:

Hydraulic Pump Output, l/m(gpm)	62.8 (16.6)
System Relief Pressure, BAR(PSI)	165.5 (2400)
Number of Bucket Cylinders	2
Breakout Force, kg(lbs.)	1928 (4250)
Boom Mounted Aux, Hyds. Standard	Yes
Filtration	5 Micron
Hydraulic Oil Cooler, kj(BTU)	xxx (674)
Hyd. Reservoir Capacity, L(gal.)	56 (14.8)

OPERATOR COMFORT & SAFETY:

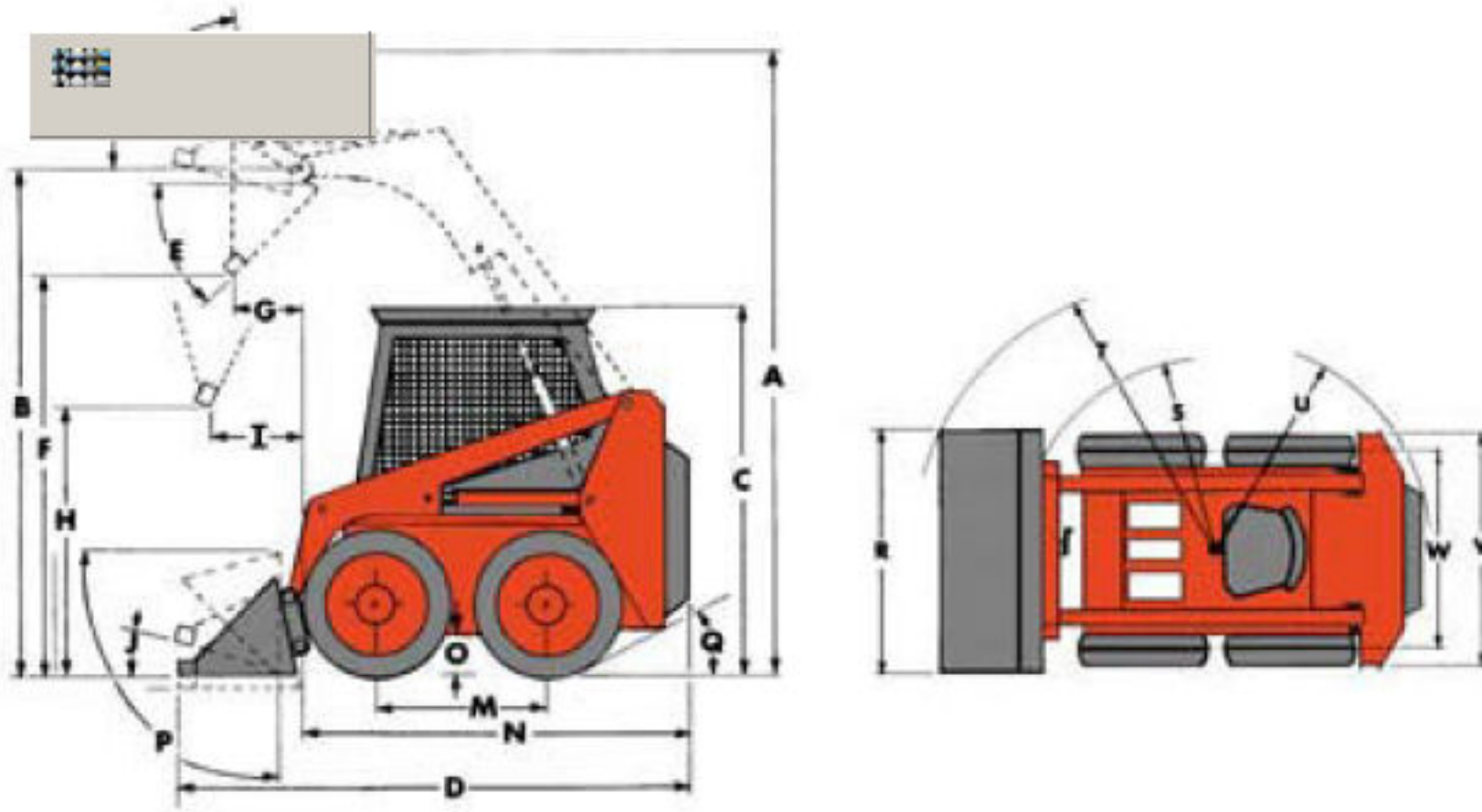
Low Cab Sound Levels	Yes
Seat Bar Activated Parking Brake	Yes
Work Lights Standard	Yes
ROPS/FOPS Cab	Yes
Protective Seat Bar	Yes
Hydraulic Controls Lock (seat, seat belt & seat bar sensors)	Yes
Cab-Operated Boom Supports	Yes
Rear Window Glass Standard	Yes
Top Window Glass Standard	Yes
Loader Transportation Tie Downs	Yes

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DIMENSIONAL SPECIFICATIONS

A. Overall Operating Height, mm(in.)	4267 (168)
B. Height to Hinge Pin, mm(in.)	3385 (133.25)
C. Overall Height of Vehicle, mm(in.)	2108 (83)
D. Overall Length With Bucket, mm(in.)	3538 (139.3)
E. Dump Angle	26°
F. Dump Height, mm(in.)	2813 (110.75)
G. Reach - Fully Raised, mm(in.)	540 (21.25)
H. Height at 45° Dump Angle, mm(in.)	1918 (75.5)
I. Reach at 45° Dump Angle, mm(in.)	749 (29.5)
J. Maximum Rollback at Ground	20°
K. Maximum Rollback - Fully Raised	96°
M. Wheelbase, mm(in.)	1003 (39.5)
N. Overall Length - Less Bucket, mm(in.)	2800 (110.25)
O. Ground Clearance, mm(in.)	222 (8.75)
P. Maximum Grading Angle - Bucket	86°
Q. Angle of Departure	28°
R. Bucket Width, mm(in.)	1746 (68.75)
S. Clearance Circle Front - Less Bucket, mm(in.)	1295 (51)
T. Clearance Circle Front - With Bucket, mm(in.)	2095 (82.5)
U. Clearance Circle Rear, mm(in.)	1664 (65.5)
V. Overall Width - Less Bucket, mm(in.)	1727 (68)
W. Tread, mm(in.)	1403 (55.25)