

85

850-lb. (386kg) Capacity



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TINY BUT TOUGH

When the work space is tight, but the jobs are big, nothing compares to the 85 from Thomas. With its slim 36" (914 mm) footprint and reliable 19.8hp Kubota diesel the 85 will zip through the narrowest work areas and packs more than enough power to get the job done. A full 850 lb. (386 kg) lifting capacity combined with two bucket cylinders for maximum front end strength and a breakout force of over 2200 lbs. (998 kg) mean those big jobs are quickly trimmed down to size.

PERFORMANCE:

Rated Lift Capacity, kg(lbs.)	386 (850)
Travel Speed, km/h(mph)	8.1 (5.0)
Operating Weight, kg(lbs.)	1353 (2983)

ENGINE:

Make/Model	Kubota
Power,ISO Net kW (Net hp) (Gross hp)	11.8 (15.8) (19.8)
Number of Cylinders	3
Displacement, cc (cu. in.)	719 (43.89)

HYDRAULICS:

Pump Output Rating, l/m (gpm)	30.3 (8.0)
System Relief Pressure, BAR (PSI)	144.8 (2100)
No. of Bucket Cylinders,	2
Breakout Force, kg (lbs.)	998 (2200)
Hyd. Reservoir Capacity, L (gal.)	43 (11.3)

DIMENSIONAL:

Height to Hinge Pin, mm (in.)	2375 (93.5)
Height to Top of Cab, mm (in.)	1813 (71.4)
Bucket Width, mm (in.)	914 (36)
Wheelbase, mm (in.)	840 (33.06)

**PERFORMANCE:**

Operating Capacity, kg(lbs.)	386 (850)
Tipping Load, kg(lbs.)	816 (1800)
Travel Speed, km/h(mph)	8.1 (5.0)
Hydraulic Pump Output, l/m(gpm)	30.3 (8.0)
Breakout Force, kg(lbs.)	998 (2200)
Shipping Weight, kg(lbs.)	1217 (2683)
Operating Weight, kg(lbs.)	1353 (2983)

ENGINE:

Make	Kubota
Model	D722B
Power, ISO Net kW (Net hp) (Gross hp)	11.8 (15.8) (19.8)
Torque, kg/m(ft.lbs.)	4.7 (34)@2600
Displacement, cc (cu. in.)	719 (43.89)
Number of Cylinders	3
Rated Engine Speed, rpm	3200
Cooling System	Liquid
Fuel Type	Diesel No. 2D
Fuel Capacity, L(gal.)	55 (14.6)
Engine-to-Pump Connection	Double Universal Joint

ELECTRICAL:

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

CONTROLS/DRIVE SYSTEM:

Steering Controls	2 Hand Levers
Hydraulic Controls	2 Foot Pedals
Transmission	Hydrostatic
Drive Chain Size	No.60H

HYDRAULICS:

Hydraulic Pump Output, l/m(gpm)	30.3 (8.0)
System Relief Pressure, BAR(PSI)	144.8 (2100)
Number of Bucket Cylinders	2
Breakout Force, kg(lbs.)	998 (2200)
Boom Mounted Aux, Hyds. Standard	Yes
Filtration	10 Micron
Hyd. Reservoir Capacity, L(gal.)	43.0 (11.3)

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
Seat Belt	Yes
Hydraulic Controls Lock (seat, seat belt & seat bar sensors)	Yes
Cab-Operated Boom Supports	Yes
Rear Window Glass Standard	Yes
Top Window Glass	Opt.
Loader Transportation Tie Downs	Yes