



BL-1 (LOAD HANDLER)

BL PN: 1004.000-00

Product Specification -

The BL-1 is a multi-purpose load handling vehicle, for loads weighing up to 2300 kgf in close quarters conditions.

GENERAL CHARACTERISTICS

Capacity on table	2,300 kgf
Capacity on forks (600mm off table center)	900 kgf
Width	2,200 kgf

PERFORMANCE

Lifting	
On table, min	179 mm
On table, max	1,976 mm
On forks, min	50 mm
On forks, max	1,856 mm
Lift time, full travel	10 sec

TABLE POSITIONING CAPABILITIES

Pitch	±5°
Roll	±5°
Yaw (Spin) CW/CCW	360°
Longitudinal	±60 mm
Lateral	±60 mm

HYDRAULIC CHARACTERISTICS

Lift system pressure	160 bar
Drive system pressure	140 bar

MOBILITY

Max speed unloaded	40 kph
Max speed fully loaded	5 kph @ 2,300 kg
Max slope unloaded	20%
Max slope fully loaded	10%
side slope capability	8%
Braking distance unloaded	1.8 m
Braking distance loaded	3.5 m
Turning radius (Total swing clear)	3,270 mm
Minimum radius	1,473 mm
Track width (Front/Rear)	1041/1124 mm
Wheel base	1,910 mm
Drawbar pull	1,300 kgf
Steering	Hydraulic 4-wheel steering
Service brakes	Dual caliper disc brakes
Parking brakes	Failsafe parking brake
Transmission	Hydrostatic automotive control
Tires front & rear	16x6-8 16/18 PLY LI113

ENGINE SPECIFICATIONS

Model no.	CATERPILLAR C1.5 Tier 4
Rated output	22 kw @ 2500 RPM
Displacement	1.496 liters
Cooling system	Water-cooled
System voltage	12 VDC



