



BL-1 (BOMB LOADER)

Product Specification -

The BL-1 is a vehicle for loading munitions, fuel tanks, pylons and special weapons weighing up to 2300 kgf onto military aircrafts.

GENERAL CHARACTERISTICS		MOBILITY	
Capacity on table	2,300 kgf	Max speed unloaded	20 kph
Capacity on forks (600mm off table center)	900 kgf	Max speed fully loaded	5 kph @ 2,300 kg
Width	2,200 kgf	Max slope unloaded	20%
PERFORMANCE		Max slope fully loaded	10%
Lifting		side slope capability	8%
On table, min	179 mm	Braking distance unloaded	1.8 m
On table, max	1,976 mm	Braking distance loaded	3.5 m
On forks, min	50 mm	Turning radius (Total swing clear)	3,270 mm
On forks, max	1,856 mm	Minimum radius	1,473 mm
Lift time, full travel	10 sec	Track width (Front/Rear)	1041/1124 mm
TABLE POSITIONING CAPABILITIES		Wheel base	1,910 mm
Pitch	±5°	Drawbar pull	1,300 kgf
Roll	±5°	Steering	Hydraulic 4-wheel steering
Yaw (Spin) CW/CCW	360°	Service brakes	Dual caliper disc brakes
Longitudinal	±60 mm	Parking brakes	Failsafe parking brake
Lateral	±60 mm	Transmission	Hydrostatic automotive control
HYDRAULIC CHARACTERISTICS		Tires front & rear	16x6-8 16/18 PLY LI113
Lift system pressure	160 bar	ENGINE SPECIFICATIONS	
Drive system pressure	140 bar	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



