

JUMBODIESEL

Three Wheel Industrial Diesel Platform Truck
Capacity 2000 / 3000 kg



- Carrying capacity up to 3000 kg
- 4 stroke air cooled diesel engine
- Power generation upto 6 hp @1800 rpm
- Very good tractive force and ramp ability
- Easy and comfortable to ride



The Jost's diesel platform truck model, Jumbodiesel is a three wheel battery operated material handling equipment used for carrying load up to 3000 kg over long distances on asphalt or smooth concrete road. It is ideal for use in Ship building workshops, Defense units, Railway workshops, Airports and Large processing plants spread over large areas. Jost's leads the way with tough, dependable industrial platform trucks.

Operator Area : Comfortable seat with back rest ergonomically positioned on to chassis with easy reach to steering handle and optimum leg-space with suitable foot rest for operation of brakes. The accelerator knob is located besides steering handle for more convenient operation. The control switches on the panel are easily visible and accessible.

Steering and Drive: The traction unit and steering combine the features of chain drive and gear reduction. The complete drive unit with engine gear box is mounted on turntable which revolves through 360 degree. The initial speed reduction is made through a chain and sprocket arrangement and further reduction through a set of gears running in oil. These units operate at comparatively low speed and will give long-term trouble-free service. The position and design of the steering handle makes convenient handling and small turning radius provides greater maneuverability permitting heavier loads in narrow aisles. Jumbodiesel trucks are provided with a gear box, with three forward speeds and one reverse and a heavy duty four plate clutch.

Engine and Transmission: The vehicle is driven by a Greaves diesel engine. The truck comes with a diesel engine generating a power up to 6 hp, which generates sufficient tractive force for better motion. Transmission is enclosed with three forward and one reverse synchromesh reduction gear box drive friction clutch, auxiliary driving shaft through chain and sprocket.

Controls : All operating controls like Steering, Gear shifting lever, Clutch lever, Accelerator lever, Parking brakes are positioned ergonomically to give the operator maximum accessibility and comfort. The foot brake is positioned on to chassis ensures better braking effect.

Chassis : The chassis frame consist of robust welded steel frame and chequered steel plate for better hold of the load. The bed height of the platform can be low or high depending on customers application.

Suspension : The low platform model comes with suspension at the front and the high platform model incorporates suspension at both front and rear supported by leaf spring of adequate resilience and capacity to absorb shocks and vibrations.

Brakes: Internally expanding foot operated hydraulic brakes for high platform model and mechanical brakes for low platform model on rear wheels ensures smooth braking. Parking brake is actuated by hand operated lever on the left hand side of the operators seat

Wheels: Solid rubber molded tyres are provided on both drive wheel as well as rear axle for operating over a variety of surface conditions. Non-marking tyres can also be supplied as an option on customers request.

Accessories: The truck can be provided with optional accessories on request to cater various operational requirements.

Special Variations: The platform truck can also be provided with elevating platform and side flaps as option to cater various needs of the industries.

Safety : The parking brake enables vehicle to park on slopes without any kind of movement. Safety accessories can also be supplied with the truck as an option

Servicing : The modular, service friendly design with easily removable front / top cover provides easy access to all components for servicing, thus saving valuable time during maintenance.

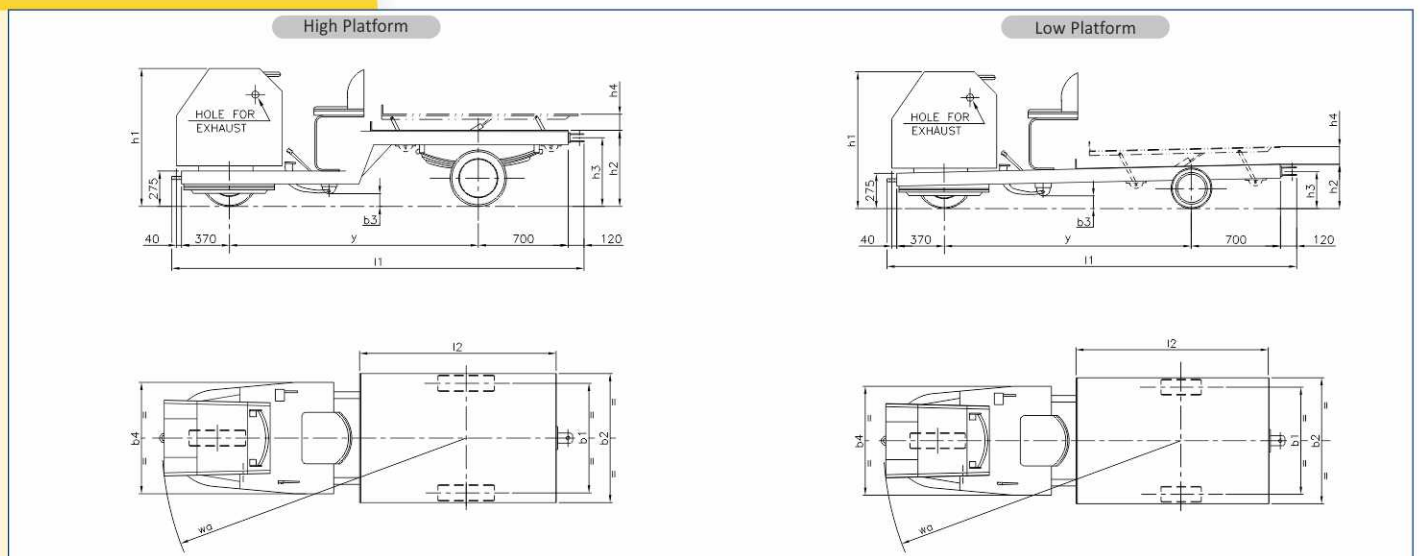
Battery: The truck comes with automotive type battery of 12V / 88Ah, which generates sufficient power for the electrical functions of the truck.

Three wheel Industrial Diesel Platform Truck Capacity 2000 / 3000 kg

Specification

DESCRIPTION		HIGH PLATFORM		LOW PLATFORM		
Identification	Model	nos.	JDHF 20	JDHF 30	JDLF 20	JDLF 30
		type	Diesel	Diesel	Diesel	Diesel
	Operation	type	Seated	Seated	Seated	Seated
	Load capacity	Kg	2000	3000	2000	3000
	Wheelbase	y = mm	1930	1930	1930	1930
Weight	Service weight incl. battery (apx.)	Kg	900	1075	850	1025
	Battery weight (apx.)	Kg	53	53	53	53
Chassis	Tyres	Type	Solid Rubber	Solid Rubber	Solid Rubber	Solid Rubber
	Tyre size, front	mm	Ø438 x 127	Ø438 x 127	Ø438 x 127	Ø438 x 127
	Tyre size, rear	mm	Ø438 x 127	Ø438 x 127	Ø305 x 127	Ø305 x 127
	Wheels, number Front / Rear (x = driven wheels)	nos.	1 x 2	1 x 2	1 x 2	1 x 2
	Track width, rear	b1 = mm	880	880	850	850
Basic Dimension	Overall height	h1 = mm	1070 [@]	1070 [@]	1070 [@]	1070 [@]
	Overall length	l1 = mm	3200	3200	3200	3200
	Front width	b4 = mm	864	864	864	864
	Overall width	b2 = mm	1000 [#]	1000 [#]	1000 [#]	1000 [#]
	Ground clearance	b3 = mm	95 [@]	95 [@]	95 [@]	95 [@]
	Turning radius	Wa = mm	2400	2400	2400	2400
	Platform size [#]	l2 x b2 = mm	1525 x 1000 [@]	1525 x 1000 [@]	1525 x 1000 [@]	1525 x 1000 [@]
	Platform / Towing height [#]	h2 / h3 = mm	480/425 [@]	480/425 [@]	330/275 [@]	330/275 [@]
	Platform / Towing height with rear suspension [#]	h2 / h3 = mm	585/530 [@]	585/530 [@]	-	-
Performance	Travel speed : Laden (min)	Km / hr	9	9	9	9
	Unladen (min)	Km / hr	13	13	13	13
	Gradient performance : Laden	Max. %	6	6	6	6
	Unladen	Max. %	10	10	10	10
	Service brake	type	Hydraulic	Hydraulic	Mechanical	Mechanical
Engine	Parking brake	type	Hand operated	Hand operated	Hand operated	Hand operated
	Power	hp	6	6	6	6
Others	Frequency of rotation	rpm	1800	1800	1800	1800
	Battery	V/Ah	12 / 88	12 / 88	12 / 88	12 / 88

Note: 1. @ = Unladen Condition.,
 2. # = Towing arrangement is for towing the vehicle only,
 3. Elevating platform can also be supplied with 130 mm lift (h4) height from h2 dimensions on request .



• For any special requirements, Please contact Jost's H.O., Dimensions indicated here are subject to variations of ± 20 mm and performance ± 10%. Service weight ± 50 kg. Right to make changes and technical improvement reserved.

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