



With

High Fixed Model



**OPERATOR AREA:**

Comfortable seat (with backrest ergonomically) is positioned on the chassis with easy reach to steering handle. Seat has optimum legspace with suitable footrest for the easy operation of brakes. Accelerator knob is located besides the steering handle so that operation became more convenient. Control switches on the panel are easily visible and accessible.



**STEERING AND DRIVE:**

Traction unit and steering combine the features of chain drive and gear reduction. Complete drive unit with engine gearbox is mounted on a turntable which revolves through 360 degrees. Initial speed reduction is achieved through chain and sprocket arrangement and further reduction in speed is achieved through the set of gears running in the oil. These units operate at comparatively low speeds and will give long-term trouble-free service. The position and design of the steering handle permit heavier loads in narrow aisles. Small turning radius provides greater maneuverability. Jumbodiesel trucks are provided with gearbox with three forward and one reverse speeds and with heavy-duty four plate clutch.



**ENGINE AND TRANSMISSION:**

Equipment is driven by a Greaves diesel engine. Equipment comes with the diesel engine that generates power up to 6 hp which generates enough tractive force for better motion. Transmission is enclosed with three forward and one reverse synchromesh reduction gearbox, drive friction clutch, auxiliary driving shaft through chain and sprocket.



**CONTROLS:**

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



**CHASSIS:**

Chassis frame consists of robust welded steel frame and chequered steel plate for better handling of hold. Bed height of the platform can turn high or low as per customer's application requirement.



**SUSPENSION:**

Low platform model comes with the suspension at the front. High platform model incorporates suspension at both fronts and rear, and is supported by leaf spring of adequate resilience and capacity to absorb shocks and vibrations.

# JUMBODIESEL

## Three Wheel Industrial Diesel Platform Trucks (Capacity 2000 / 3000 Kg)

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

Jost's Diesel Platform Truck Model, Jumbodiesel is a Three-Wheel Battery Operated material handling equipment used for carrying loads up to 3000 kg over long distances on asphalt or smooth concrete road. It is ideal for use in Shipbuilding workshops, Defense units, Railway workshops, Airports, and Large processing plants spread over large areas. Jost's leads the way through its tough, dependable Industrial Platform Trucks.



**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. Lever is located on the left-hand side of the operator's seat.



**WHEELS:**

Solid rubber molded tyres are provided on both drive wheel and rear axle for operating over a variety of surface conditions. Non marking tyres can also be supplied as an option as per customers' requests.



**ACCESSORIES:**

Equipment can be provided with optional accessories on request as per application requirement



**SPECIAL VARIATIONS (OPTIONS):**

Platform truck can also be provided with elevating platform and side flaps as an option as per application requirement.



**SAFETY:**

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



**SERVICING:**

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:**

Equipment is supplied with automotive type battery of 12V / 88Ah which generates enough power for the electrical functions of the truck.

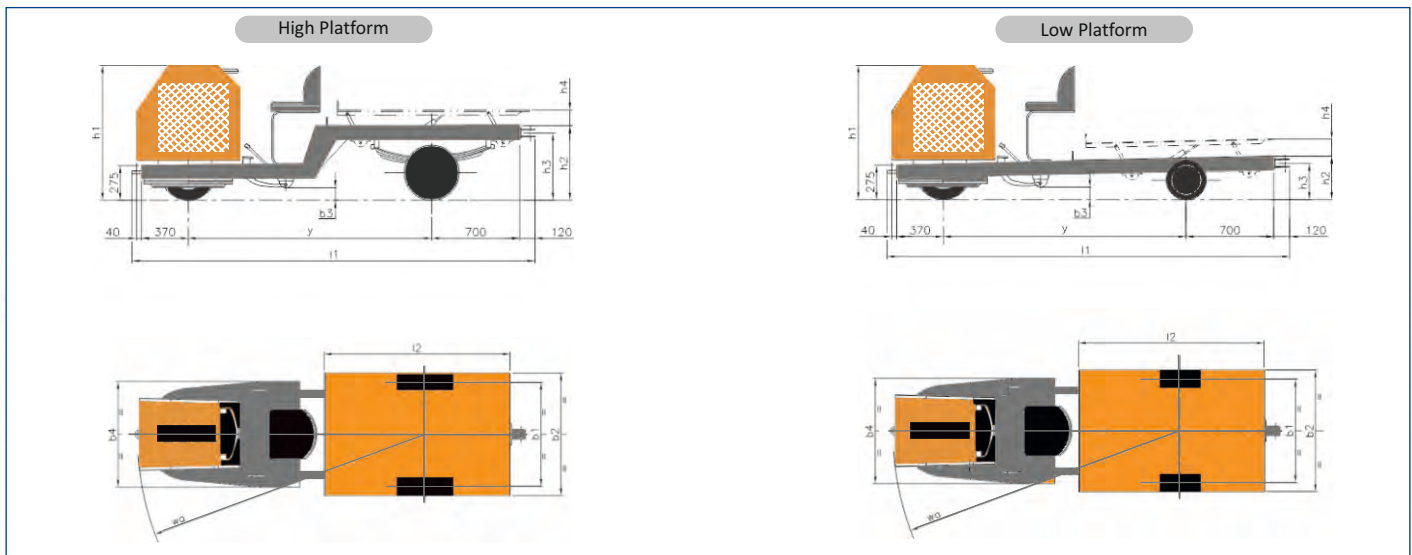
## Three wheel Industrial Diesel Platform Trucks

Capacity: 2000 / 3000 kg

### Performance Data

DESCRIPTION			HIGH PLATFORM		LOW PLATFORM		
Identification	<b>Model</b>	<b>nos.</b>	<b>JDHF 20</b>	<b>JDHF 30</b>	<b>JDLF 20</b>	<b>JDLF 30</b>	
	Platform	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 Rubbber	Solid Rubbber	Solid Rubbber	Solid Rubbber	
	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 <sup>@</sup>	1070 <sup>@</sup>	1070 <sup>@</sup>	1070 <sup>@</sup>	
	Overall length	l1 = mm	3200	3200	3200	3200	
	Front width	b4 = mm	864	864	864	864	
	Overall width	b2 = mm	1000 <sup>@</sup>	1000 <sup>@</sup>	1000 <sup>@</sup>	1000 <sup>@</sup>	
	Ground clearance	b3 = mm	95 <sup>@</sup>	95 <sup>@</sup>	95 <sup>@</sup>	95 <sup>@</sup>	
	Turning radius	Wa = mm	2400	2400	2400	2400	
	Platform size <sup>#</sup>	l2 x b2 = mm	1525 x 1000 <sup>@</sup>	1525 x 1000 <sup>@</sup>	1525 x 1000 <sup>@</sup>	1525 x 1000 <sup>@</sup>	
	Platform / Towing height without rear suspension	h2 / h3 = mm	480 / 425 <sup>@</sup>	480 / 425 <sup>@</sup>	330 / 275 <sup>@</sup>	330 / 275 <sup>@</sup>	
Platform / Towing height with rear suspension <sup>#</sup>	h2 / h3 = mm	585 / 530 <sup>@</sup>	585 / 530 <sup>@</sup>	-	-		
Performance	Travel speed :	Laden	Km / hr	9	9	9	9
		Unladen	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.



Since 1907

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