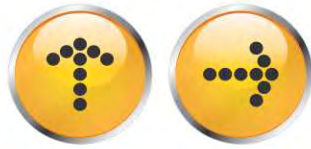


Move up
Move forward



Since 1907

DIESEL FORKLIFT JFDH | 2-3.5t

Internal Combustion
Counterbalanced Forklift Truck

**PLUS
SERIES**



2.0-3.5ton

ENGINE POWERED FORKLIFT



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Jost's Plus Series Diesel Forklift Trucks : 2.0 - 3.5 ton

Josts high performance Diesel Forklift Trucks of capacity ranging from 2 to 3.5 ton, specially constructed for demanding warehousing and industrial applications in iron, metal processing units, building material industries, chemical industries and forwarding agents. The forklift trucks are provided with special designed engines for high torque and smooth drive characteristics. These heavy duty engines enables powerful acceleration from standing with plenty of power in reverse use in ramps and gradients. With these, the forklift trucks can be relied in hardest application.

The long wheel base, large track width with high steering axle suspension and low center of gravity provides optimum load distribution and straight travel.

Product highlights :

- Ergonomically designed operator's area with ample leg room and adjustable steering for relaxed operation.
- Reliable LCD digital instrument, friendly interface, easy and accurate for driver to control the vehicle state.
- Ergonomic steering wheel adjustment mechanism, improve operate comfort and adjustment reliability.
- Wide view mast design makes the driver's field of vision more broad.
- High-top large diameter intake system is designed to allow the engine to keep out dust, effectively enhance engine performance and increase life expectancy.
- High Travel speed with better gradibility operations.
- Robust and rigid canopy protects the operator against external hazards.
- Reliable casting steering axle and low cost in maintenance.
- Simple, generous and strictly environmental designed.



Operator's Area



- Spacious operator's cab makes it less claustrophobic
- Tilt adjustable steering wheel.
- Ergonomically positioned Hydraulic levers and directional controls

Easy Maintenance



- Easily accessible components
- Easily available spare parts
- Heat insulation / vibration absorbing

Electronics



- Instantaneous reading when switched on
- Protection against water and dust.
- Ergonomical layout

Wide view / smooth landing Mast



- Wide mast gives excellent operator view
- Reinforced section for safe operation
- Smooth and jerk free operation
- Intelligent system of mast downing and buffering

Canopy



- Made of high quality solid steel
- Protection against external hazardous
- Ease in visibility

Chassis and Counter Weight



- Low center of gravity design
- Quality steel plates welded body.
- Adequate balancing for safe &

Transmission and Drive



- Optimised power transfer, with maximum effectiveness
- Precise adjustment of drive and hydraulic functions
- Precise control of truck speed
- Sensitive driving under lift conditions



Air Intake



- High quality air filter
- Proper air sealing

Air Intake



- Snorkel type air intake
- Situated on pillar overhead guard
- Ensures clean air intake

Anti-skid footstep



- Large visible step
- Easy and safe mounting & dismounting from the cab

Reliable steering axle



- Articulation hydraulic steering
- Accurate steering geometry
- Short turning radius

Large Type



- Ensures better stability, carrying capacity & high ground clearance.
- Split rim construction provides adequate resilience

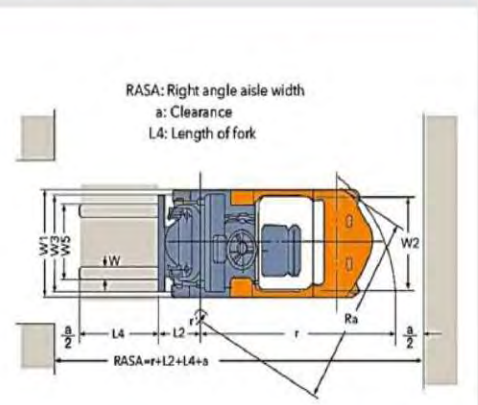
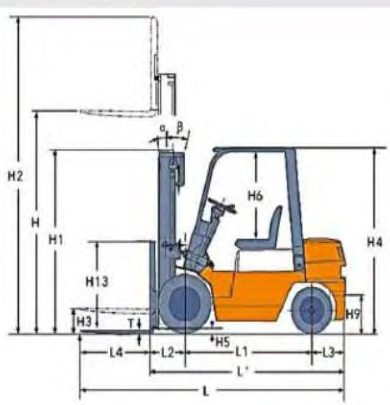
2.0-3.5ton

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Characteristics							
1.02	Model	nos.	JFDH20	JFDH25	JFDH30	JFDH35	
1.03	Power	type	Diesel				
1.04	Load capacity	kg	2000	2500	3000	3500	
1.05	Load centre distance	mm	500				
1.06	Operating	type	Seated				
Dimensions							
2.01	Forks max lifting height (with load backrest, unladen)	H2	mm	4030	4030	4262	4262
2.02	Max lifting height	H	mm	3000	3000	3000	3000
2.03	Height mast retracted (upright)	H1	mm	2000	2000	2065	2180
2.04	Free lift height	H3	mm	170	170	170	170
2.05	Backrest height (from upper face of forks)	H13	mm	995	995	1227	1222
2.06	Overhead guard clearance (from face of seat)	H6	mm	1000			
2.07	Overall height (overhead guard)	H4	mm	2070	2070	2090	2090
2.08	Overall length (with forks)	L	mm	3417	3641	3752	3763
2.09	Overall length (without forks)	L'	mm	2502	2567	2682	2693
2.10	Front overhang	L2	mm	477	477	479	498
2.11	Rear overhang	L3	mm	420	494	495	495
2.12	Wheel base	L1	mm	1600	1600	1700	1700
2.13	Coupler height	H9	mm	290	290	310	310
2.14	Min ground clearance under mast	H5	mm	110	110	135	135
2.15	Overall width	W1	mm	1150	1150	1225	1225
2.16	Lateral fork adjustment (outside of fork)	W5	mm	1024/244	1024/244	1060/250	1060/250
2.17	Tread (front / rear)	w3/w2	mm	970/970	970/970	1000/970	1000/970
2.18	Inside turning radius	r'	mm	160	160	200	200
2.19	Outside turning radius	r	mm	2170	2240	2400	2420
2.20	Min intersecting aisle	Ra	mm	2200	2280	2380	2400
2.21	Tilting angle (F/B)	α/β		6°/12°			
2.22	Fork size a×b×c	Lx WxT	mm	920x122x40	1070x122x40	1070x125x45	1070x125x50
Performance							
3.01	Max. travelling speed (laden/unladen)	Km/h		18/19	18/19	19/20	19/19
3.02	Lifting speed (laden/unladen)	mm/s		530/550	530/550	440/480	330/370
3.03	Lowering speed (laden/unladen)	mm/s		450/550	450/550	450/500	350/400
3.04	Max draw bar pull (laden/unladen)	KN		21/15	21/15.2	21/16	21/16.3
3.05	Max Negotiable gradient (laden/unladen)	%		27/20	23/20	20/20	16.5/20
Weight							
4.01	Service mass	Kg		3320	3680	4270	4700
4.02	Load wheel laden (F/R)	Kg		4788/532	5562/618	6543/727	7380/820
4.03	Load wheel unladen (F/R)	Kg		1328/1992	1472/2208	1708/2562	1880/2820
Tyres & Brakes							
5.01	Wheel (F/R), x=Driving wheel			2/2			
5.02	Tyre (F/R)	type		Pneumatic			
5.03	Tyre size	front		7.00-12-12PR	7.00-12-12PR	28x9-15-12PR	28x9-15-14PR
5.04	Tyre size	rear		6.00-9-10PR	6.00-9-10PR	6.50-10-10PR	6.50-10-10PR
5.05	Service brake	type		Hydraulic - foot pedal			
5.06	Parking brake	type		Mechanical - hand lever			
Drive and Transmission Control							
6.01	Battery voltage / capacity	V/Ah		12/80			
6.02	Engine model	nos.		C490BPG			
6.03	Engine rated output	KW/rpm		36.8/2500			
6.04	Engine rated torque	Nm/rpm		156/1800			
6.06	Engine number of cylinder	L		2.67			
6.07	Engine fuel tank capacity	L		60			
6.08	Transmission	type		Hydraulic (Automatic)			
6.09	Transmission number of speed Fwd/Bwd type	nos.		1/1 Power shift			



2.0-3.5ton

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Mast Standard

Residual Load capacity chart (Diesel forklift model JFDH 20/25/30/35)

Mast Model	Closed Mast Height		Lift	Free Lift with backrest		Residual Load Capacity (Without side shifter) (Load Center 500mm) (Kg)				Tilt angle
	H1 (JFDH20 / JFDH25)	H1 (JFDH30 / JFDH35)	H	H3 (JFDH20 / JFDH25)	H3 (JFDH30 / JFDH35)	JFDH20	JFDH25	JFDH30	JFDH35	
	mm	mm	mm	mm	mm					$\alpha \times \beta$
M300 (2-Stage)	2000	2070	3000	170	170	2000	2500	3000	3500	6°x 12°
ZSM360 (3-Stage)	1795	1946	3600	755	670	1900	2400	2800	3300	6°x 6°
ZSM450 (3-Stage)	2095	2240	4500	1055	970	1800	2100	2500	2900	6°x 6°
ZSM500 (3-Stage)	2295	2440	5000	1255	1170	1500	1500	1900	2400	3°x 6°
ZSM600 (3-Stage)	2645	2790	6000	1605	1520	800	800	1000	1300	3°x 6°

Residual capacity to be derated by 200 kg. with side shifter.

Standard Configuration

Fork	Reversing light	Wide view mast
Control valve	Overhead guard rain cover	Lifting oil circuit flow regulator
Water temperature gauge	Hour meter	Standard seat
Transmission oil filter	Air inletting device	Lifting and tilting operation lever
clement	Oil lever gauge	Front lamp
Traction pi	Durable tread tyre	Whirlwind air cleaner
Backward buzzer	Charging indicator	Rear combined light
Backrest	Tool	Tilting adjustable steering column
Transmission oil dipstick	Hydraulic oil dipstick	Pedal pad
Overhead guard	Oil pressure alarm	Engine automatic preheating system
Hydraulic oil return circuit	Preheating indicator	
filer element	Steering indicator	
Horn	Wholley hydraulic	
Neutral gear safety switch	powered steering	

Optional Devices and accessories

Driver's cab	Customer made color
Speedometer	Transmission oil temperature gauge
Fire extinguisher	Warm air blower
Solid Tyre	High air exhausting device
Rear working lamp	Tilt cylinder jacket
Auxiliary pipeline	
Suspension seat	

Optional attachments

String rod	Multipurpose drum clamp
Lifting hook	Rotating flat clamp
Side shifter	Widen fork arm carrier
Paper roll clamp	Lengthening fork extension
Rotating fork	Load stabilizer
Cargo boom	Load push pull
Lengthening fork	Tipping fork, tipping bucket

2.0-3.5ton

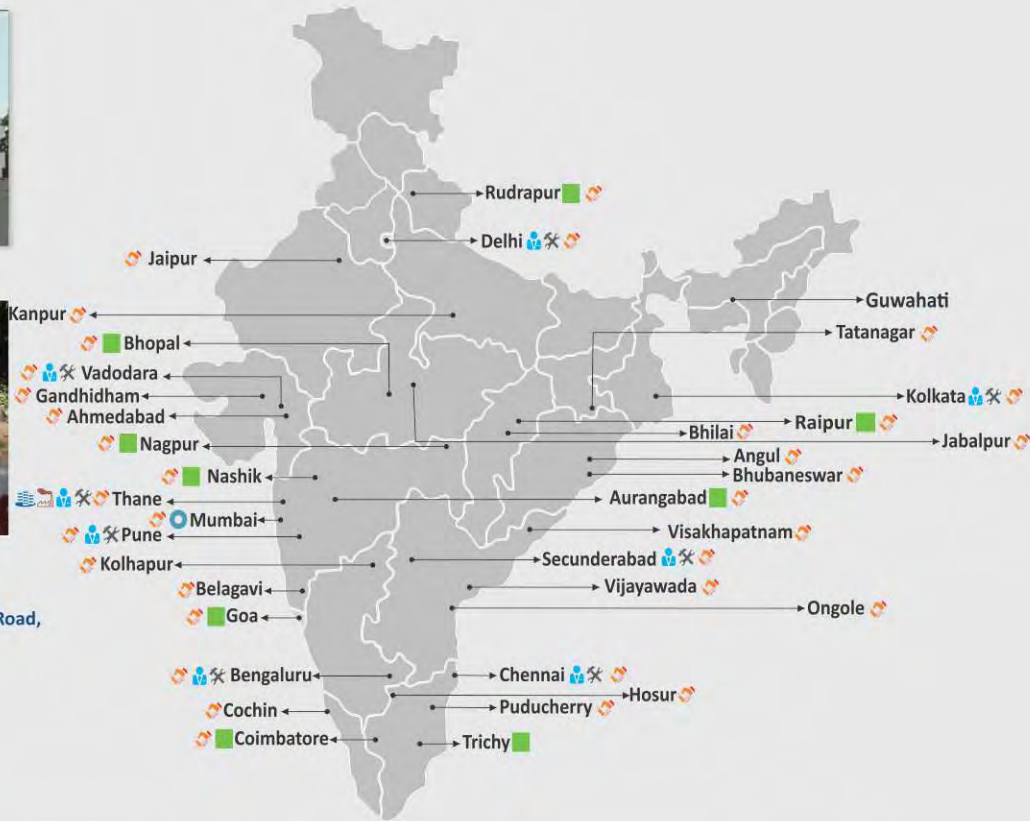
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Thane Factory



Registered Office (Mumbai)

Great Social Building, 60, Sir Phirozeshah Mehta Road,
Post Box 243, Mumbai - 400 001.
T.: +91-22-6120 2300 F.: +91-22-6120 2345
E-mail : jostsho@josts.in

Registered Office Factory Head Office Sales Office Service Office Resident Engineers Dealer

Factory

Thane (Factory / Head Office)
C-7, Wagle Industrial Estate, Road No. 12, Thane - 400 604.
T.: +91-22-2582 1727, 6117 4000 F.: +91-22-6117 4020 E-mail: infomhe@josts.in

Sales & service Office

Pune
Plot No. - 3, Survey No. 126, Paud Road, Pune - 411 038.
T.: +91-20-2543 4350 / 2543 4390 | F.: +91-20-2543 4393
E.: infomhe@josts.in, salespune@josts.in

Secunderabad
Plot. No. 9-1-119/A/1/1, 1st Floor, Old Lancers Lane, Beside Amsri Shamira Building,
Near St. Marys Centenary Degree College, Secunderabad - 500 025.
T.: +91-40-2771 4934 / 44 / 54 F.: +91-40-2771 2655
E.: infomhe@josts.in, saleshyd@josts.in

Vadodara
1st Floor, Guruprasad Society (S.B.I. Colony), Near Akota Stadium, Akota,
Vadodara - 390 007, Gujarat.
T.: +91-265-2351 642 E.: infomhe@josts.in, salesbaroda@josts.in

Chennai
C-39, II Avenue, Annanagar, Post Box 3477, Chennai - 600 040.
T.: +91-44-2626 8536 / 2628 8407 F.: +91-44-2621 1708
E.: infomhe@josts.in, saleschennai@josts.in

Bengaluru
F-07 & H-07, 7th Floor, "SOLUS", Jain Heights, South Wing, No. 2, 1st Cross, J C Road,
Bengaluru - 560027
T.: +91-80-4123 4775 / 4885, F.: +91-80-2225 9871 E: infomhe@josts.in, salesblr@josts.in

New Delhi
DSM 360, DLF Towers, 15 Shivaji Marg, New Delhi -110 015.
T.: +91-11-4567 6000 / 4567 6014
E.: infomhe@josts.in, salesdelhi@josts.in

Kolkata
19, British Indian Street, Post Box 64, Kolkata - 700 069.
T.: +91-33-2242 9510 / 2248 2257 / 4008 1240 F.: +91-33-2248 0861
E.: infomhe@josts.in, mhcal@josts.in