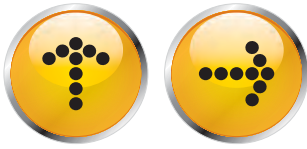


Move up
Move forward



Since 1907

DIESEL FORKLIFT JFDH | 2-3.5 Ton

Internal Combustion
Counterbalanced Forklift Truck



www.josts.com

2.0-3.5ton

ENGINE POWERED FORKLIFT



Since 1907

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 ,is constructed specially to fulfil the demand of various Warehousing and Industrial applications across Iron, Metal Processing Units, Building Material Industries, Chemical Industries and Forwarding agents. The forklift trucks come with the specially designed engines to ensure high torque and smooth drive characteristics. These heavy-duty engines enable the powerful acceleration standing with plenty of power during the reverse use of ramps and gradients. With these, the forklift trucks can be relied even in hardest applications.

The long wheel base, large track width with high steering axle suspension and low center of gravity ensures the 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 improves the operator comfort and adjustment reliability.
- Wide view mast design makes the driver's field of vision broader.
- 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.



2.0-3.5ton

ENGINE POWERED FORKLIFT



Since 1907

Features of Jost's Plus Series Diesel Forklift Trucks

<p>Operator's Area</p>  <ul style="list-style-type: none">• Spacious operator's cab makes it less claustrophobic• Tilt adjustable steering wheel• Ergonomically positioned hydraulic levers and directional controls• High quality adjustable seat with safety belt	<p>Electronics</p>  <ul style="list-style-type: none">• Instantaneous reading when switched on• Protection against water and dust.• Ergonomical layout	<p>Wide view / smooth landing Mast</p>  <ul style="list-style-type: none">• Wide mast gives excellent operator view• Reinforced section for safe operation• Smooth and jerk free operation• Intelligent system of mast downing and buffering
<p>Canopy</p>  <ul style="list-style-type: none">• Made of high quality solid steel• Protection against external hazardous• Ease in visibility	<p>Chassis and Counter Weight</p>  <ul style="list-style-type: none">• Low center of gravity design• Quality steel plates welded body.• Adequate balancing for safe & stable operations.	<p>Easy Maintenance</p>  <ul style="list-style-type: none">• Easily accessible components• Easily available spare parts• Heat insulation / vibration absorbing
<p>Air intake</p>  <ul style="list-style-type: none">• High quality air filter• Proper air sealing	<p>Air intake</p>  <ul style="list-style-type: none">• Snorkel type air intake• Situated on pillar overhead guard• Ensures clean air intake	<p>Anti-skid footstep</p>  <ul style="list-style-type: none">• Large visible step• Easy and safe mounting & dismounting from the cab
<p>Transmission and Drive</p>  <ul style="list-style-type: none">• Optimised power transfer, with maximum effectiveness• Precise adjustment of drive and hydraulic functions• Precise control of truck speed• Sensitive driving under lift conditions	<p>Reliable steering axle</p>  <ul style="list-style-type: none">• Articulation hydraulic steering• Accurate steering geometry• Short turning radius	<p>Large Type</p>  <ul style="list-style-type: none">• Ensures better stability, carrying capacity & high ground clearance.• Split rim construction provides adequate resilience

2.0-3.5ton

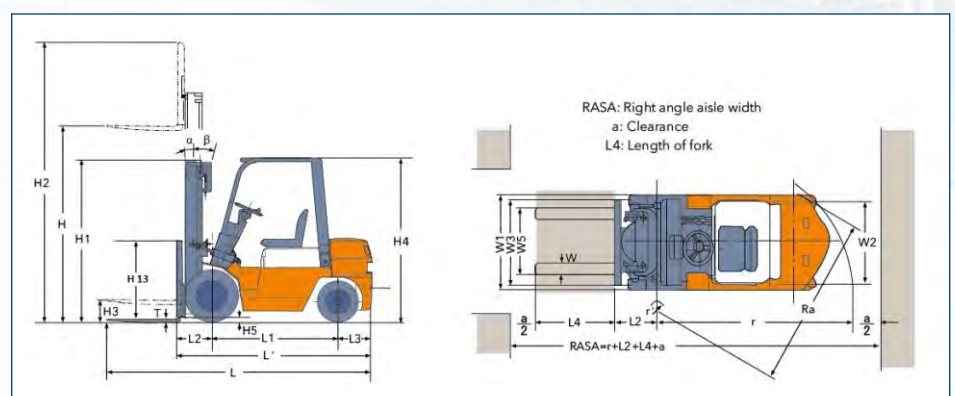
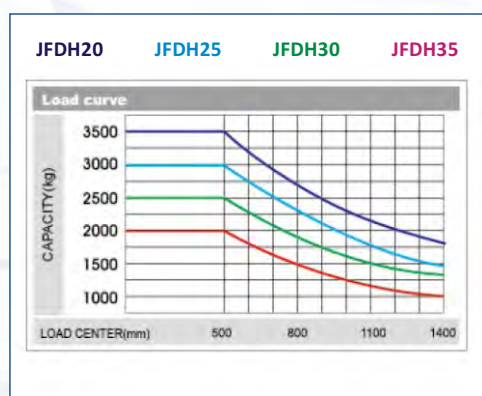


Since 1907

ENGINE POWERED FORKLIFT

Characteristics							
1.01	Model	nos.	JFDH20	JFDH25	JFDH30	JFDH35	
1.02	Power	type	Diesel				
1.03	Load capacity	kg	2000	2500	3000	3500	
1.04	Load centre distance	mm	500				
1.05	Operating	type	Seated				
Dimensions							
2.01	Forks max lifting height (with load backrest, unladen)	H2	mm	4030	4030	5680	4262
2.02	Max lifting height	H	mm	3000	3000	4500	3000
2.03	Height mast retracted (upright)	H1	mm	2000	2000	2220	2180
2.04	Free lift height	H3	mm	170	170	1025	170
2.05	Backrest height (from upper face of forks)	H13	mm	995	995	1185	1222
2.06	Overall height (Overall Guard)	H4	mm	2070	2070	2090	2090
2.07	Overall length (with forks)	L	mm	3417	3641	3795	3763
2.08	Overall length (without forks)	L'	mm	3567	2571	2674	2693
2.09	Front overhang	L2	mm	477	477	479	498
2.10	Rear overhang	L3	mm	420	494	495	495
2.11	Wheel base	L1	mm	1600	1600	1700	1700
2.12	Min ground clearance under mast	H5	mm	110	110	125	135
2.13	Overall width	W1	mm	1150	1150	1225	1225
2.14	Lateral fork adjustment (outside of fork)	W5	mm	1024 / 244	1024 / 244	1060 / 250	1060 / 250
2.15	Tread (front / rear)	W3/W2	mm	970 / 970	970 / 970	1000 / 990	1000 / 970
2.16	Outside turning radius	r	mm	2170	2240	2400	2420
2.17	Min intersecting aisle	Ra	mm	2200	2280	2380	2400
2.18	Tilting angle (F / B)	α / β		6° / 12°	6° / 12°	6° / 6°	6° / 12°
2.19	Fork size a x b x c	LxWxT	mm	1070 x 122 x 40	1070x122x40	1070 x 125 x 45	1070 x 125 x 50
Performance							
3.01	Max. travelling speed (laden / unladen)	Km / h	18 / 19	18 / 19	18 / 19	19/19	
3.02	Lifting speed (laden / unladen)	mm / s	530 / 550	530 / 550	350 / 400	330 / 370	
3.03	Lowering speed (laden / unladen)	mm / s	450 / 550	450 / 550	400 / 350	350 / 400	
3.04	Max draw bar pull (laden / unladen)	KN	21 / 15	21 / 15.2	16 / 21	21 / 16.3	
3.05	Max Negotiable gradient (laden / unladen)	%	27/20	23 / 20	15 / 17	16.5 / 20	
Weight							
4.01	Service mass	Kg	3320	3680	4580	4700	
Tyres & Brakes							
5.01	Wheel (F / R), x=Driving wheel		2/2				
5.02	Tyre (F/R)	type	Solid Cushion	Solid Cushion	Solid Cushion	Solid Cushion	
5.03	Tyre size	front	7.00 - 12 - 12 PR	7.00 - 12 - 12 PR	28 x 9 - 15	28 x 9 - 15 - 14 PR	
5.04	Tyre size	rear	6.00 - 9 - 10 PR	6.00 - 9 - 10 PR	6.50 - 10	6.50 - 10 - 10 PR	
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	12 / 80	12 / 80	12 / 80	
6.02	Engine model	nos.	C490BPG	C490BPG	C490BPG	C490BPG	
6.03	Engine rated output	KW/rpm	36.8 / 2500	36.8 / 2500	36.8 / 2650	36.8 / 2500	
6.04	Engine rated torque	Nm/rpm	156 / 1800	156 / 1800	147.1 / 1800	156 / 1800	
6.05	Engine Displacement	L	2.67	2.67	2.67	2.67	
6.06	Engine fuel tank capacity	L	60	60	60	60	
6.07	Transmission	type	Hydraulic (Automatic)				
6.08	Transmission number of speed Fwd/Bwd type	nos.	1/1 Power shift	1/1 Power shift	1/1 Power shift	1/1 Power shift	

Note: ALL DIMENSIONAL PARAMETERS ARE IN +/- 20 MM TOLERANCE AND PERFORMANCE PARAMETERS ARE IN +/- 12 %



2.0-3.5ton

ENGINE POWERED FORKLIFT



Since 1907

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					α x β
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	2220	4500	1055	1025	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.

Note: ALL DIMENSIONAL PARAMETERS ARE IN +/- 20 MM TOLERANCE AND PERFORMACE PARAMETERS ARE IN +/- 12 %

Standard Configuration

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

Optional Devices And Accessories

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

Optional Attachments

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

2.0-3.5ton

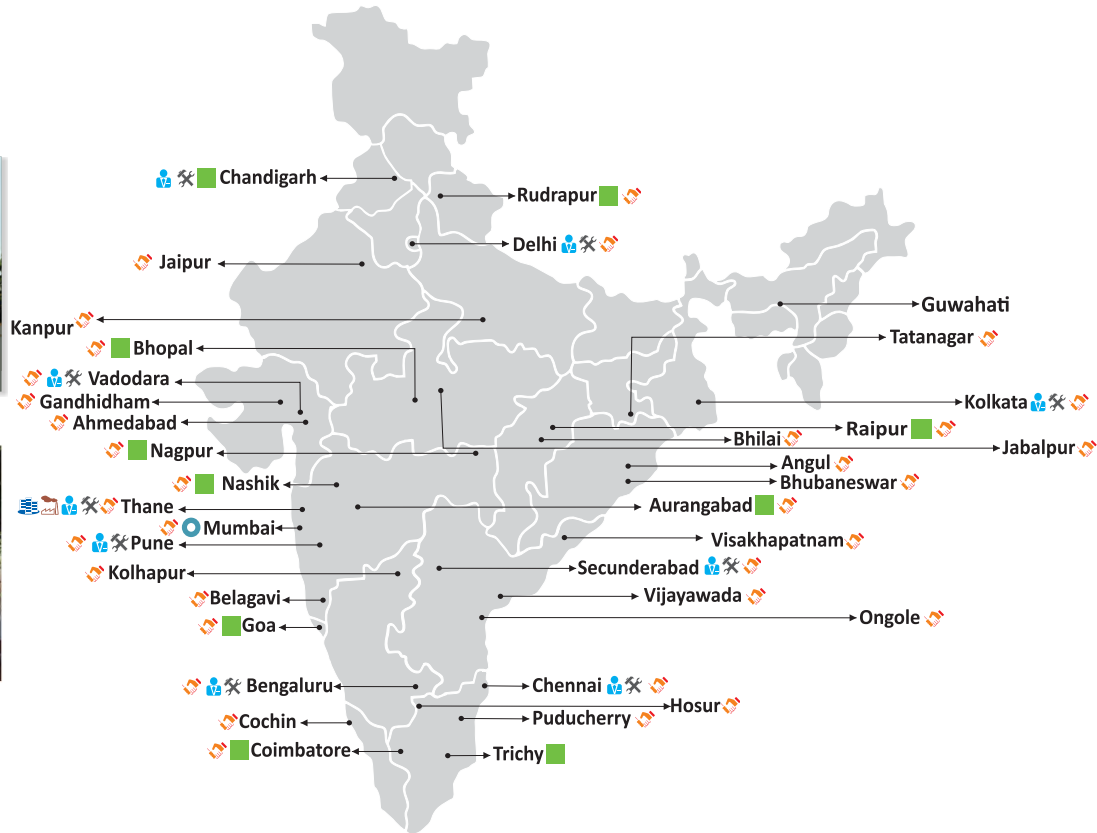
ENGINE POWERED FORKLIFT



Since 1907



Thane Factory



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 400604
T: +91-22-6267-4000 E-mail: jostfact@josts.in W: www.josts.com

Sales & Service Office

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

Pune
Plot No. - 3, S. No. - 126, Paud Road, Pune - 411038
T.: +91-20-2543-4565 / 2543-4390 F.: +91-20-2543-4393 E.: sales@josts.in

Chennai
C-39, II Avenue, Annanagar, Post Box 3477, Chennai - 600040.
T.: +91-44-2626-8536 / 2628-8407 F.: +91-44-2621-1708 E.: sales@josts.in

Secunderabad
Plot No.22,28/2, Layout P&T Colony, Ravi Co-op Housing Society,
Trimulgherry Secunderabad-500015
T.: +91-40-2771-4934 / 44 / 54 F.: +91-40-2771-2655 E.: sales@josts.in

Kolkata
19, British Indian Street, Post Box 64, Kolkata - 700069.
T.: +91-33-2242-9510 / 4008-1242 F.: +91-33-2248-0861 E.: sales@josts.in

Vadodara
Office No.111, 1 st floor, Sakar Complex, Soma Talav Tarasali ring road, opp.
Bansal Mall, Near Guru Nanak Public School, Danteshwar,
Vadodara 390009.
T: +91-265-2351-642 E.: sales@josts.in

New Delhi
1003, Pearls Business Park, Netaji Subhash Place, Pritam Pura, Delhi - 110034
T: +91-011- 4160-7989 E.: sales@josts.in