

ACE

neo⁺ Diesel Forklifts

Capacity : 5 Tons

High Performance & rugged
Diesel Forklift Trucks.



ACE INDIA'S NO. 1
CRANE BRAND





STANDARD SPECIFICATIONS

Model			Unit	AF50D
Load Capacity			Kg	5000
Load Center			mm	600
Power				Diesel
Tyres	Front / Rear			Pneumatic
Wheel (s)	Front / Rear			2/2 (SD)# or 4/2 (DD)#OPTIONAL
Fork Lift Height (std.)			mm	3000
Fork Size (LxWxT)			mm	1220 x 150 x 50
Transmission	Number of Speeds - Fwd / Rev			2/1 (Automatic)
Speed (s)	Travel (Fwd / Rev)	With Load	Km/h	22
		Without Load	Km/h	24
	Lifting	With Load	mm/Sec	368
		Without Load	mm/Sec	391
	Lowering	With Load	mm/Sec	381
		Without Load	mm/Sec	388
Gradeability (Laden/Unladen)			% (Deg)	18% (10.2°)
Total Weight			Kg	7640
Tyre Sizes	Front			3.00 – 15
	Rear			7.00 – 12
Wheel Base			mm	2000
Brake (s)	Service			Hydraulic-Foot Pedal
	Parking			Mechanical-Hand Lever
Battery	Voltage / Capacity		V / Ah	12 / 130
Engine	Make			Mahindra
	Emission Norms			BS-4
	Rated Horsepower		Bhp@rpm	74.8 @ 2200
	Rated Torque		Nm@rpm	306 / 1300~1700
	Number of Cylinders		Nos.	4
	Displacement		Ltrs.	3.5
	Fuel Tank Capacity		Ltrs.	75
Operating Pressure	For Attachment		Kg/cm² (Bar)	190

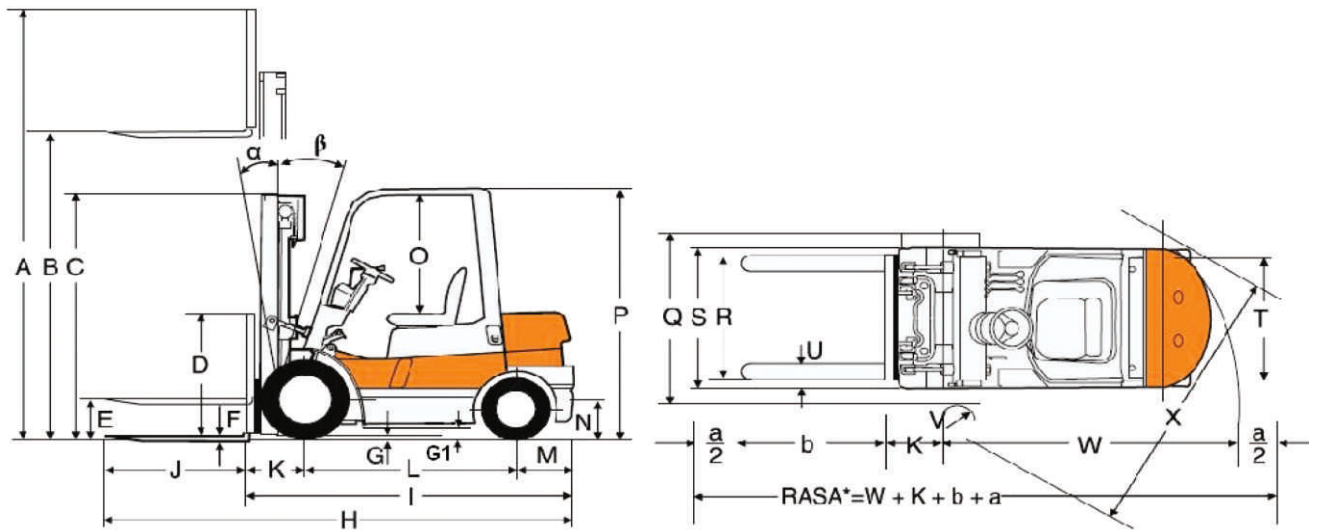
MAST DETAILS

Mast type	Maximum Fork height (mm)	Load Capacity (kg) @MFH	Overall Height lowered (mm)	Overall Height Raised (mm)	Free lift (mm) (Without load backrest)	Tilt Angle (α/β)	Weight of Forklift (with single drive) (kgs)
Double Mast (STD)	3000	5000	2210	4585	150	6°/12°	7640
Double Mast (FFL) *	3000	5000	2210	4585	1550	6°/12°	7746
Double Mast (STD)	3600	5000	2525	5185	150	6°/12°	7946
Triple Mast (FFL) *	4500	4200/4500 #(SD/DD)	2225	6085	1550	6°/6°	8125
Triple Mast (FFL)	6000	2500/4000 #(SD/DD)	2900	7585	1980	3°/6°	8576

* Suitable for container stuffing

(SD/DD) – Single Drive/ Dual Drive (2 tyres / 4 tyres - on drive axle)

** FFL – Full free lift



STANDARD DIMENSIONS

Model	AF50D
A. Overall height fork raised	4300
B. Max. fork height (Standard Model)	3000
C. Overall height fork lowered	2210
D. Backrest height (from upper face of forks)	1420
E. Free lift	100
F. Fork thickness	50
G. Min. clearance (bottom of mast)	165
G1. Min. clearance (bottom of chassis)	145
H. Overall length (with forks)	4420
I. Overall length (without forks)	3220
J. Fork length	1220
K. Front overhang	550
L. Wheel base	2000
M. Rear overhang	690
N. Coupler height	360
P. Overall height (overhead guard)	2240
Q. Overall width (SD/DD)	1480/2085
R. Lateral fork adjustment (SD/DD)	300~1380/300~2005
S. Trade (front) (SD/DD)	1180/1810
T. Trade (Rear)	1200
U. Fork width	150
V. Inside turning (SD/DD)	700/1000
W. Outside turning Radius (SD/DD)	2650/3100

* All Dimensions are in mm.

* RASA = Right Angle Stacking Aisle, a = Operator Clearance, b= Load Length

Note :

- ACE reserves the right to alter any specifications without prior notice.
- Dimensions, Weights & Capacities mentioned herein are variable by $\pm 5\%$.
- Accessories, if shown are not part of the standard equipment.



STANDARD EQUIPMENT

- Wide view mast
- Standard forks
- Power steering
- Retaining rollers
- Overhead guard
- Standard seat (Adjustable)
- Drawbar pin
- Air cleaner
- Parking brake lever
- Lift, tilt levers
- Dipstick for TC oil
- Return hydraulic filter
- TC oil filter
- Lift Circuit cut-off valve
- Overhead air intake
- Radiator reservoir
- Tilt adjustable steering wheel
- Turn indicator Lights
- Hour meter
- Water temperature meter
- Fuel meter
- Engine oil pressure warning indicator
- Electric charge indicator
- Halogen head lights
- Rear combination lights
- Rear view mirror
- Reverse Buzzer
- Electric horn
- Neutral safety switch (TC)
- Rubber floor mat
- Tool kit

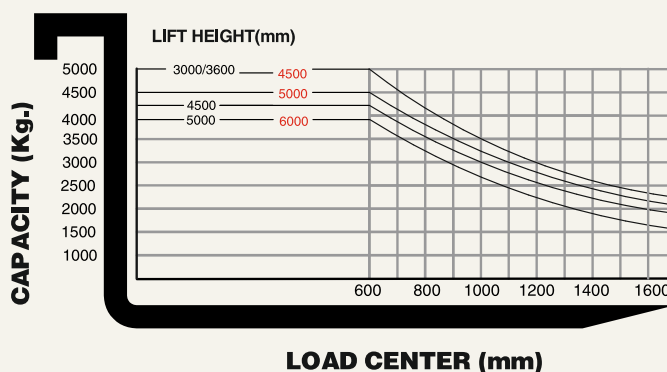
OPTIONAL ACCESSORIES

- Long Forks
- Mast options (Refer mast details)
- Front dual wheels (Dual drive)
- Solid/Non marking tyre
- Fire extinguisher
- All weather steel cabin
- Spark arrestor
- Water muffler
- Blue spot light
- Red safe zone light
- Operator Presence System
- Safeload Indicator
- Reverse Camera
- Rear Proximity Sensor

OPTIONAL ATTACHMENTS

- Fork extensions
- Bale clamp
- Crane attachment
- Drum(s) handling attachment
- Fork rotator
- Drop bottom dumper attachment
- Furnace stoker
- Furnace kit
- Side Shifter
- Side shifter cum fork positioner
- Paper roll clamp
- Ram attachment
- Shovel attachment
- Brick block clamp
- Load stabilizer

LOAD CHART



SINGLE DRIVE

DUAL DRIVE

AF50D

Attachments



Shovel



Paper roll clamp



Non marking tyres



Side Shifter



Fork Rotator



Bale clamp



Crane



Double drum parrot beak



Ram



Cabin



Water Muffler



Furnace Kit



COMPLETE INTRALOGISTICS SOLUTION



Electric Forklifts



1.5T - 3.0T



4.5T - 6.0T

Diesel Forklifts



1.5T - 3.0T



4.0T - 10T



12T - 35T

LPG Forklifts



3.0T - 5.0T

BUILT TO PERFORM

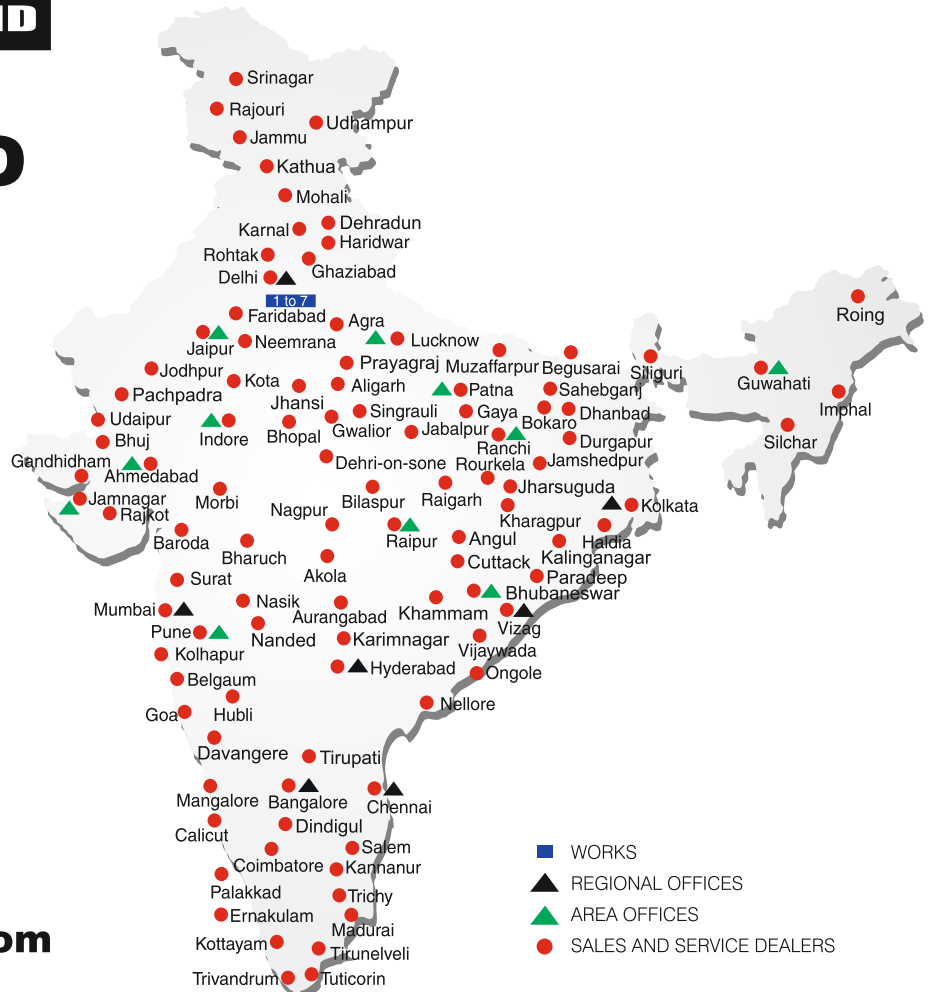


ACE

**INDIA'S NO. 1
CRANE BRAND**

**RELIABLE AND
DEPENDABLE
EFFICIENCY**

NETWORK



**Toll Free Help Line
1800 1800 004**

www.ace-cranes.com

MARKETING H.Q.

4th Floor, Pinnacle
Surajkund, NCR-121009
Ph.: +91-129-4550000
Fax: +91-129-4550022
E-mail: marketing@ace-cranes.com
forklifts@ace-cranes.com

REGISTERED OFFICE

Dudhola Link Road, Dudhola
Palwal-121102, Haryana
Ph.: +91-1275-280111
Fax: +91-1275-280133
CIN : L74899HR1995PLC053860

MUMBAI OFFICE

31, "Kalpataru Court"
Chembur, Mumbai - 400074
Ph.: +91-22-25206846, 25207070
Fax: +91-22-25207071
E-mail: acemumbai@ace-cranes.com
forkliftswest@ace-cranes.com

KOLKATA OFFICE

84A, A.J.C Bose Road, Fomra Tower -
2nd Floor, Kolkata-700014
Ph.: +91-9038070630
E-mail: acekolkata@ace-cranes.com
forkliftseast@ace-cranes.com

CHENNAI OFFICE

1st Floor, "Alsa Regency", 165
Eldams Road, Alwar Pet
Chennai - 600018
Ph.: +91-44-24314253
Fax: +91-44-24314252
E-mail: acechennai@ace-cranes.com
forkliftssouth@ace-cranes.com

HERE TO SERVE YOU.

SPARE PARTS & SERVICE

ACE has all India Sales and Service network operating out of all the major cities. These outlets are fully equipped to provide genuine spare parts and services by company trained engineers. These outlets are further supported by company officials based at Delhi, Mumbai, Chennai, Kolkata, Ahmedabad, Surat, Pune, Jaipur, Chandigarh, Ranchi, Raipur, Indore, Bhubaneswar, Lucknow, Jamnagar, Hyderabad, Bangalore, Guwahati, Patna, Vizag & Kochi.

ACE

Action Construction Equipment Ltd.

Contact:



ACE reserves the right to alter any specifications without prior notice. Dimensions, weights & capacities mentioned herein are variable by $\pm 5\%$. Accessories if shown are not part of the Standard Equipment.