



ACE

NEO+ Diesel Forklifts

Capacity : 2.0-3.0 Tons

High Performance & Rugged Forklifts





SPECIFICATIONS

General	Manufacture									
	Model Designation				AF20D		AF30D			
	Power Type : Battery, Diesel ,LPG				Diesel					
	Load Capacity			Kg	2000		3000			
	Load Center			mm	500					
	Load Distance (K)			mm	480		495			
	Fork dimension L x W x H			mm	1070x122x40		1070x125x45			
	Transmission		No of speed - Fwd/Rev			Automatic (1/1) or Mechanical (2/2)	Fluid Coupling (2/2)	Automatic (1/1) or Mechanical (2/2)	Fluid Coupling (2/2)	
Weight	Service weight			Kg	3400	3700	4380	4700		
	Axle Loading, laden (front/rear)			Kg	4790/610	5035/665	6510/870	6810/890		
	Axle Loading, unladen (front/rear)			Kg	1550/1850	1700/2000	1770/2610	1880/2820		
Wheels & tyres	Tyres				Pneumatic					
	Drive (Single/ Dual), number of wheels				2x2 / 4x2 (Front / Rear)					
	Tyre size	Front				7.00-12-12 PR		28x9-15-12 PR		
		Rear				6.00-9-10 PR		6.50-10-10 PR		
Performance	Speed (S)	Travel (Fwd/Rev)Travel (Fwd/Rev)	With Load	Km/hr	17.5	17	18.5	17		
			Without Load	Km/hr	20	18	20	18		
		Lifting	With Load	mm/s	400	400	300	300		
			Without Load	mm/s	500	500	375	375		
		Lowering	With Load	mm/s	550	550	560	560		
			Without Load	mm/s	500	500	350	350		
	Gradeability	(Laden/ Unladen)			%	19.5/20		18.5/19.5		
	Brake	Service				Hydraulic - Foot Pedal				
		Parking				Mechanical - Hand Lever				
Drive	Battery	Voltage / Capacity			V/Ah	12 / 70				
	Engine	Rated Horsepower			bhp / rpm	49 bhp@2650/48 bhp@2200				
		Rated Torque			Nm@rpm	148/1800		195/1400		
		Number of Cylinder				4				
		Displacement			Litre	2.54 / 3.3				
Others	Fuel Tank Capacity			Litre	60					
	Operating Pressure for Attachment			Kg / cm²	175					

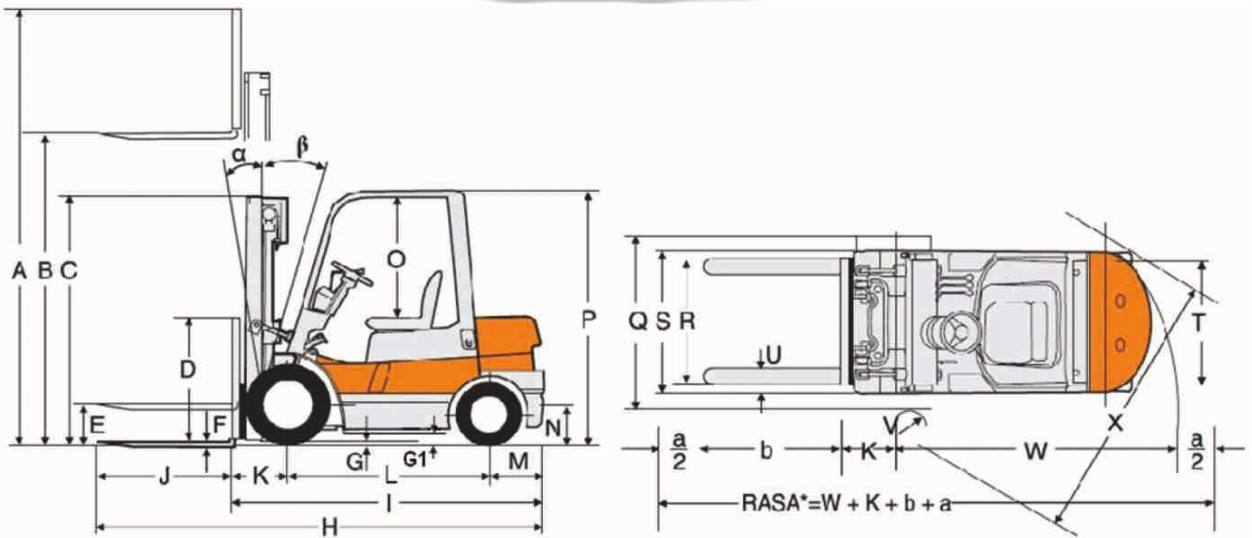
MAST DETAILS

MastType	MAX FORK HEIGHT (mm)	LOAD CAPACITY MFH (Kgs)		OVERALL HEIGHT LOWERED (mm)		FREE LIFT (mm) (without LBR)		TILT ANGLE Fwd/Bwd (Deg)
		AF 20D	AF30D	AF 20D	AF30D	AF 20D	AF30D	
Wide view Duplex Mast (Std)	3000	2000	3000	2035	2070	140	140	6/12
Wide view Duplex Mast (FFL)	3000*	2000	3000	2035	2090	1550	1550	6/12
Wide view Duplex Mast (Std)	3600	2000	3000	2275	2330	140	140	6/12
Wide view Triplex Mast (FFL)	4500*	2000/2000**	3000/3000**	2060	2110	1550	1550	6/6
Wide view Triplex Mast (FFL)	6000	800/1500**	1200/2100**	2585	2620	1940	2140	3/6

* Suitable for container application

** Derated capacity with dual drive

FFL - full free lift



STANDARD DIMENSIONS

Model		AF20D		AF30D	
		Auto/Mech	FC	Auto/Mech	FC
A. Overall height fork raised	mm	4000		4300	
B. Max. fork height (Standard Model)	mm	3000			
C. Overall height fork lowered	mm	2035		2070	
D. Backrest height (from upper face of forks)	mm	1000		1220	
E. Free lift	mm	140		140	
F. Fork thickness	mm	40		45	
G. Min. clearance (bottom of mast)	mm	110		125	
G1. Min. clearance (bottom of chassis)	mm	135		145	
H. Overall length (with forks)	mm	3635	3805	3810	3960
I. Overall length (without forks)	mm	2565	2735	2740	2890
J. Fork length	mm	1070		1070	
K. Front overhang	mm	480		495	
L. Wheel base	mm	1640	1810	1700	1850
M. Rear overhang	mm	440		540	
N. Coupler height	mm	370		370	
O. Operator clearance (Bottom of Frame)	mm	945		945	
P. Overall height (overhead guard)	mm	2110		2120	
Q. Overall width (SS/DD)	mm	1215/1670		1220/1680	
R. Lateral fork adjustment (SS/DD)	mm	250~1020/250~1420		250~1090/250~1440	
S. Tread (front) (SS/DD)	mm	970/1420		1000/1460	
T. Tread (Rear)	mm	970		980	
U. Fork width	mm	122		125	
V. Inside turning	mm	500		550	
W. Outside turning Radius (SS/DD)	mm	2210/2650	2450/2850	2500/2950	2700/3150
X. Min. intersecting aisle	mm	1950	2150	2120	2300
Y. Tilting Angles (Fwd/Bwd)	Deg	6/12			

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



STANDARD ACCESSORIES

- Wide view mast
- Load backrest
- Standard forks
- Power steering
- Retaining rollers
- Overhead guard
- Standard seat (Adjustable)
- Draw bar pin
- Air cleaner
- Parking brake lever
- Lift, tilt levers
- Dipstick for TC oil
- Overhead air intake
- Tilt adjustable steering wheel
- Turn indicator lights
- Hour meter
- Water temperature indicator
- Fuel meter
- Engine oil pressure warning indicator
- Electric charge indicator
- Head lights
- Rear combination lights
- Rear view mirrors
- Reverse horn
- Electric horn
- Neutral safety switch (TC)
- Rubber floor mat
- Tool kit
- Inching control pedal

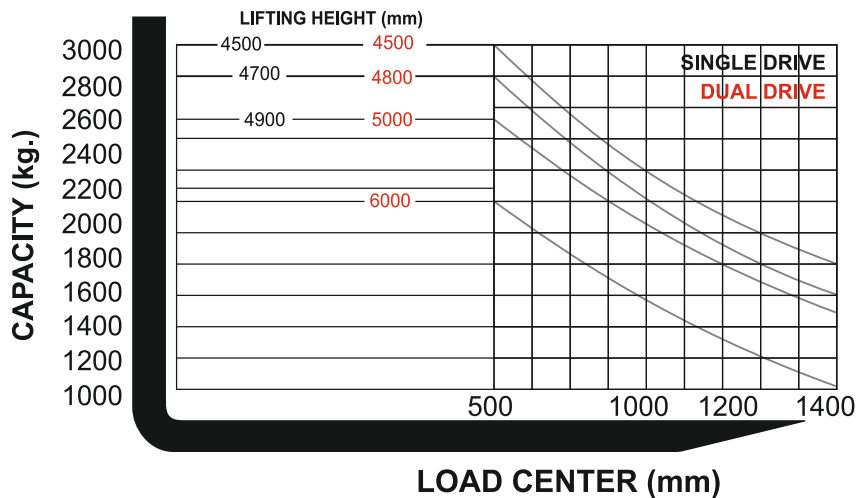
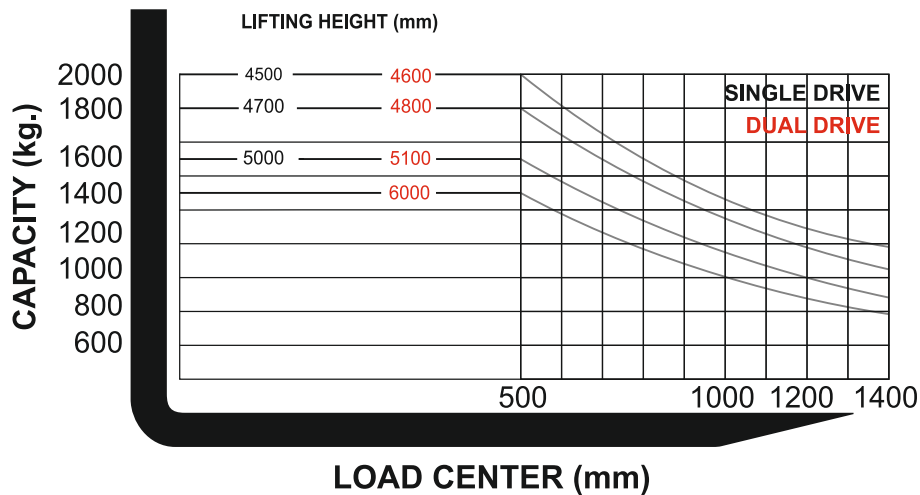
OPTIONAL ACCESSORIES

- Various mast options (Refer mast details)
- Front dual wheels (Dual drive)
- Solid/Non marking tyre
- Fire extinguisher
- All weather steel cabin
- Mechanical transmission
- Spark arrestor
- Catalytic converter
- Water muffler
- Simpson Engine (4 Cylinder S433)
 - Rated Power-48bhp@2200 RPM
 - Rated Torque-196.2 N-m@1200 RPM
 - Displacement-3.3 ltrs
- Blue spot light
- Red safe zone light

OPTIONAL ATTACHMENTS

- Bale clamp
- Cabin
- Crane attachment
- Drum(s) handling
- Fork extensions
- Fork rotator
- Furnace kit
- Side Shifter
- Side shifter cum fork positioner
- Paper roll clamp
- Ram attachment
- Shovel attachment
- Brick block clamp
- Load stabilizer
- Special forks/Fork extensions

LOAD CHART





Attachments



Paper roll clamp



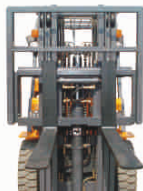
Double drum parrot beak



Crane



Non marking tyres



Side Shifter



Fork Rotator



Bale clamp



Fork extensions



Furnace Kit



Cabin



Shovel



Water Muffler



Ram

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