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ACE reserves the right to alter any specifications without prior notice. Dimensions, weights & capacities mentioned herein are variable by $\pm 10\%$. Accessories if shown are not part of the Standard Equipment.

- ## MARKETING H.Q.

FORKLIFT DIVISION HO/DELHI OFFICE**MUMBAI OFFICE****KOLKATA OFFICE****CHENNAI OFFICE**

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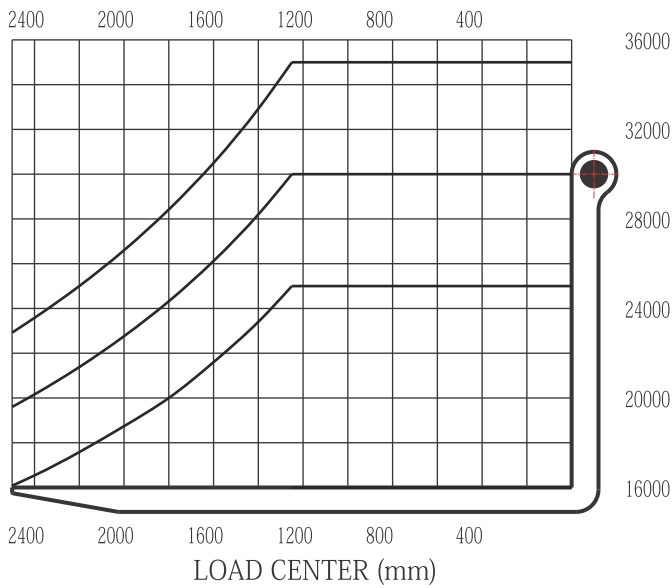


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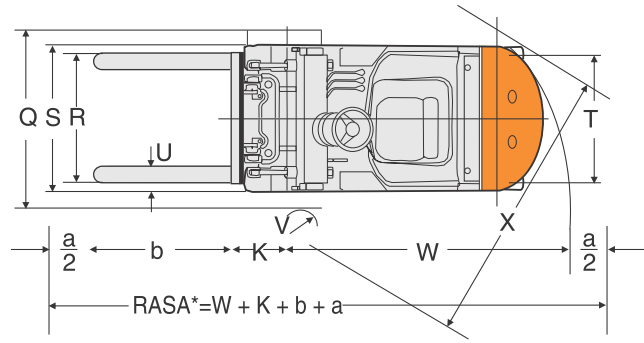
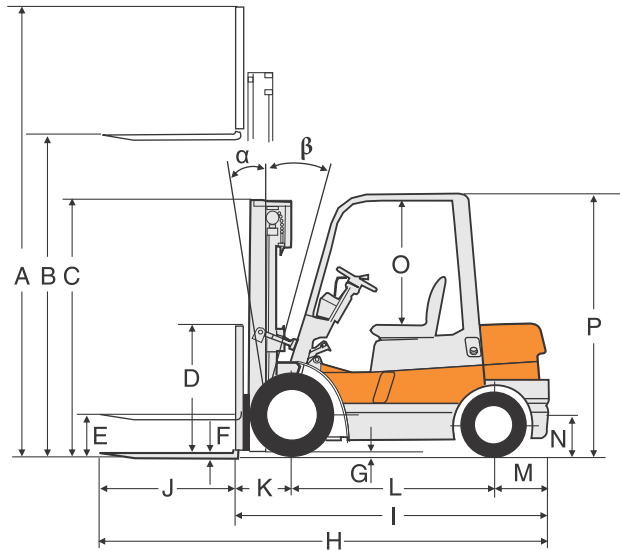


SPECIFICATIONS

Model			Unit	AF 250D	AF 300D	AF 350D
Load Capacity			Kg.	25000	30000	35000
Load Center			mm	1220	1220	1220
Power				Diesel		
Tyres		Front / Rear		Pneumatic		
Wheel (s)		Front / Rear		4/2		
Fork Size (LxWxT)			mm	2440X280X110	2440X320X110	2440X340X125
Tilt Angle (α - β)			deg	6° - 12°		
Turning Radius (Outside)			mm	6500	7200	7200
Right Angle Stacking Aisle Width (Add Load length and Clearance)			mm	9940	10840	10955
Speed (s)	Travel (Fwd / Rvs)	With Load	Km/h	24	24	25
		Without Load	Km/h	28	28	30
	Lifting	With Load	mm/s	220	230	230
		Without Load	mm/s	280	280	280
	Lowering	With Load	mm/s	≤500	≤500	≤500
		Without Load	mm/s	≤500	≤500	≤500
Gradeability With / Without Load			%	20	20	20
Total Weight			Kg	33000	39500	43000
Weight Distribution	With Load	Front	Kg	52200	63000	71300
		Rear	Kg	5000	6500	6700
	Without Load	Front	Kg	15000	18500	19200
		Rear	Kg	18000	21000	23800
Tyre Sizes		Front		4x14.00-24/28PR	4x14.00-24/28PR	4x16.00-25/32PR
		Rear		2x14.00-24/28PR	2x14.00-24/28PR	2x16.00-25/28PR
Brake (s)	Service			Caliper disc brake		
	Parking			inside expanding manual brake		
Battery		Voltage / Capacity	V / AH	2x12v/120		
Engine	Rated Horsepower		bhp/r.p.m	240 hp@ 2200	260 hp@ 2200	260 hp@ 2200
	Rated Torque		N.m(Kg.m)/r.p.m	1029/1500	1025/1400	1025/1400
	Number of Cylinders		Nos.	6	6	6
	Displacement		Ltrs.	8.3	8.3	8.3
	Fuel Tank Capacity		Ltrs.	300	350	350
Transmission	Number of Speeds - Fwd / Rvs			2F/1R		
				2F/1R		
Operating Pressure		For Attachment	Kg / cm²	180		



RATED CAPACITY (kg)



STANDARD DIMENSIONS

Model	AF 250D	AF 300D	AF 350D
	mm	mm	mm
A. Overall height fork raised	5380	5770	5820
B. Max. fork height (Standard Model)	3500		
C. Overall height fork lowered	3610	4000	4050
D. Backrest height (from upper face of forks)	1035	1290	1290
E. Free lift	—	—	—
F. Fork thickness	110	110	125
G. Min. clearance (bottom of mast)	250	400	400
H. Overall length (with forks)	9070	9690	9705
I. Overall length (without forks)	6630	7250	7265
J. Fork length	2440	2440	2440
K. Front overhang	1000	1110	1125
L. Wheel base	4400	4800	4800
M. Rear overhang	1275	1340	1340
N. Coupler height	1845	1940	2100
O. Overhead guard clearance (from face of seat)	1050	1050	1050
P. Overall height (overhead guard)	3580	3700	3760
Q. Overall width	3020	3200	3300
R. Lateral fork adjustment	852-2270	930-2620	970-2800
S. Tread (front)	2200	2490	2490
T. Tread (rear)	2390	2450	2450
U. Fork width	280	320	340
V. Inside turning radius	1220	1590	1540
W. Outside turning radius	6500	7300	7400
X. Min. intersecting aisle	5600	5800	6000
Y. Tilting angles (α - β)	6° - 12°		

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