



ACE

Electric Forklift

Capacity : 5 Ton

High Performance & rugged
Electric Forklift Trucks.





STANDARD SPECIFICATIONS

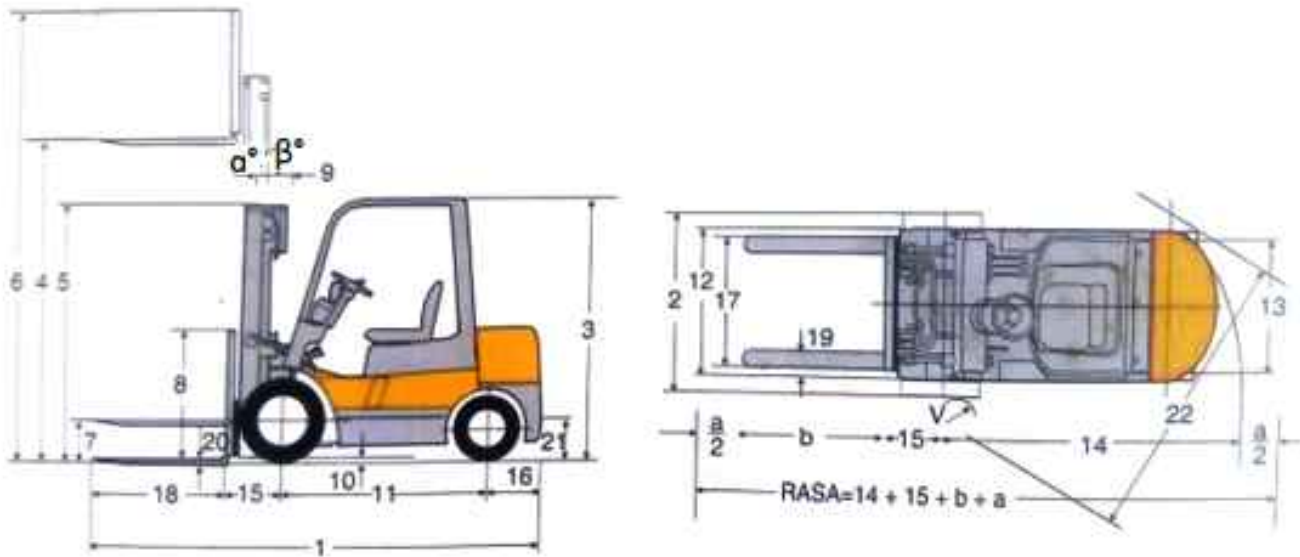
Model			Units	AF50E
Power				Battery Power (Electric)
Load Capacity			kg	5000
Load Center			mm	600
Fork Size (LxWxT)			mm	1220x150x50
Tilt Angle (F/B)			deg	6/12
Overall Width			mm	1495
Overhead Guard Clearance			mm	2250
Overall Length			mm	4300
Wheel Base			mm	2000
Ground Clearance (Under Chassis)			mm	125
Travel Speed (laden/unladen)			kmph	10/12
Gradeability (laden/unladen)			% (Deg)	18 (10.2°)
Total Weight			Kg	7420
Weight Distribution	With Load	Front	Kg	10855
		Rear	Kg	1565
	Without Load	Front	Kg	3265
		Rear	Kg	4155
Tyre (Solid)		Front	Size	28x12.5-15
		Rear		23x10-12
Drive motor			kW	17.5
Hydraulic Motor			kW	25
Battery Rating			V/Ah	80V/700Ah
Electronic Controller				Curtis Make

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 (F/B)	Weight of Forklift (Kgs)
Double Mast (STD)	3000	5000	2210	4585	150	6/12	7420
Double Mast (FFL) *	3000	5000	2210	4585	1550	6/12	7526
Double Mast (STD)	3600	5000	2525	5185	150	6/12	7726
Triple Mast (FFL) *	4500	4000	2225	6085	1550	6/6	7905
Triple Mast (FFL)	6000	2500	2900	7585	1980	3/6	8356

* Suitable for container stuffing

** FFL – Full free lift



STANDARD DIMENSIONS

Sr. No.	Model	AF50E
1	Overall Length (with Fork)	4300
2	Overall width	1495
3	Overall Height (Overhead Guard)	2260
4	Lifting Height (std.)	3000
5	Overall height fork lowered	2180
6	Overall height (With Backrest)	4310
7	Free Lift	150
8	Backrest height (from upper face of forks)	1235
9	Tilting Angles (α/b)	$6^{\circ} \sim 12^{\circ}$
10	Min. Clearance (bottom of mast)	95
11	Wheel Base	2000
12	Trade (Front)	1180
13	Trade (Rear)	1195
15	Fork overhung	515
16	Rear overhung	525
17	Lateral fork adjustment (Min - Max.)	300~1380
18	Fork length	1220
19	Fork width	150
20	Fork thickness	50
21	Coupler Height	225
22	Outside turning Radius (Inner/Outer)	2750/3200

* 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
- Load backrest
- Standard forks
- Power steering
- Retaining rollers
- Overhead guard
- Standard seat (Adjustable)
- Drawbar pin
- Return hydraulic filter
- Battery discharge indicator
- Discharge lift cutoff
- Tilt adjustable steering wheel
- Turn indicator Lights
- Hour meter
- Halogen head lights
- Rear combination lights
- Rear view mirrors
- Reverse buzzer
- Electric horn
- Rubber floor mat
- Tool kit

OPTIONAL EQUIPMENT

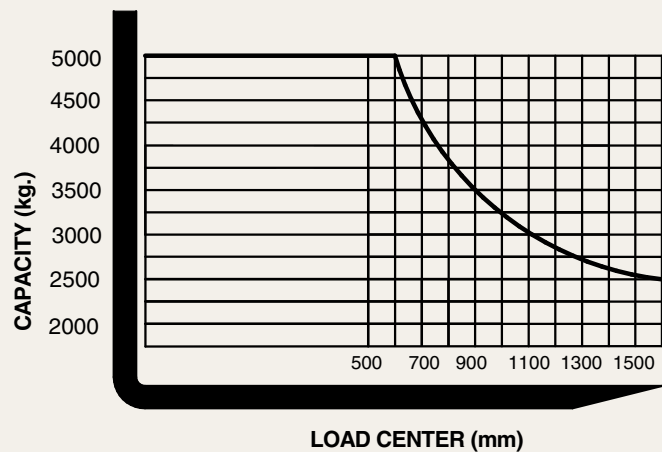
- Different Mast Type (Refer Mast Details)
- Long Forks
- Extra spool(s) / Hose adaptation package
- Non - marking tyres
- Fire extinguisher
- Safe load indicator
- Blue spot light
- Red safe zone light
- Biometric Access system
- Operator presence system
- Auto greasing system
- Rear view camera
- Rear proximity sensor

OPTIONAL ATTACHMENTS

- Fork rotator
- Paper roll clamp
- Fork extensions
- Side shifter
- Fork positioner
- Hinged forks with bucket
- Carton clamp
- Crane attachment
- Bale clamp
- Parrot beak attachment



LOAD CHART



Note : Above Load Chart is for standard lift height of 3.0m STD & 3.6m STD

Attachments



ACE

COMPLETE INTRALOGISTIC SOLUTION



Electric/Li-ion Forklifts



1.5T - 3.0T



4.5T - 8.0T

Diesel Forklifts



1.5T - 3.0T



4.0T - 10T



12T - 35T

LPG Forklifts



3.0T - 5.0T