

AC80-6 / AC80-9 / AC100L-6

Available configurations:

BATTERY TENSION



Replacing battery quickly by small forklifts or cranes

VERSIONS



TYRES

Front single or twin
SE: solid tyres
CU: cushion in rubber
PL: cushion in polyurethane

CABIN

- Cover head guard
- Upper covering and front window with wiper
- Rear window with wiper
- Upper covering, front and rear windows with wipers, PVC doors
- TGV - full metal frame cabin complete of doors, windows and wipers
- Magnifica cabin Closed cab complete with windows, front/rear/top wipers
- Ergonomic seat with Grammer pneumatic springing mod. *Primo Plus*

TOOLS AND DEVICES

- Working LED lights with DC/DC controller
- Road lights - low/high beam, flashing indicators, stop
- Blue spot light
- Heater and/or Air conditioning
- Front and rear defroster
- Infrared led video camera with colour LCD 5" display
- Radio with CD/Mp3 player, battery socket 12/24V
- Speed reduction while lifted forks
- Safety pedestrians and obstacles

COMMAND CONTROLLERS

- Levers
- Electro hydraulic distributor with mini-fingers, forward/reverse switch and horn buttons in the armrest

AC100L-6-HT 120V



AC80-9-HT 120V



AC80-6 96V-I860Ah



8,000 kg @ 600 mm - 17,600 lbs @ 24'
8,000 kg @ 900 mm - 17,600 lbs @ 37'
10,000 kg @ 600 mm - 22,000 lbs @ 24'

The AC Forklifts series from 8 to 10 tons are designed and developed to move large and heavy loads in tight spaces and in different climatic conditions.

Main characteristics:

- A safe workplace thanks to **zero emissions, low noise levels, an ergonomic access to the cabin, wide visibility for the operator.**
- Using **AC technology -ALTERNATING CURRENT-** to manage the traction motor 32kW (80V) / 38kW (96V) / 47kW (120V) and the lifting pump motor 45kW (80V) / 52kW (96V) / 54kW (120V), improving performances, autonomy and longevity of charged battery.
- Reliability** guaranteed by particularly robust frames and masts, which are able to withstand external stresses.
- Safety** during the shifting and handling of loads thanks to the electronic control of the hydraulic and traction functions.
- Recovery of energy** on deceleration or the reverse direction phase.
- With the **dynamic steering system**, steering control is **agile and precise.**
- Quick and safe change** with Devio Command or a double pedal.
- Comfortable cabin** with 360° and overhead view. External chains allow operators to use the forklift truck in adjacent area for safety in the work place.
- A **safe braking system** using Oil Bath Braking.
- Energy savings** achieved by individually activated motors and lower energy costs compared to Diesel/LPG, with an economic **return on investment in a short time.**
- Fork carriage FEM4A / FEM5**, 3 hydraulic ways with piping plus 4th, 5th, 6th and more make the forklift **more versatile for using equipment in different operating environments indoor/outdoor.**





SECTORS:

- paper
- cotton
- steel and aluminium
- beverage
- automotive
- timber
- general manufacturing
- heavy logistic
- concrete and brick
- recycling
- loading containers

Technical datasheet:

Model designation				AC80-6		AC80-9		AC100L-6	
Load capacity	Q	Kg	8000		8000		10000		
Load centre	c	mm	600		900		600		
Tyres (SE= solid, CU= cushion, PL= polyurethane)				SE		SE		SE	
Mast tilt, forward / backward	α	β	4°	9°	5°	9°	5°	9°	
Height of mast, lowered	h1	mm	2800		2900		2900		
Free lift	h2	mm	-		-		-		
Lift height	h3	mm	3300		3300		3300		
Height of mast, extended	h4	mm	4400		4400		4500		
Height of overhead guard	h6	mm	2450		2450		2450		
HT - tilt cylinders above the roof - Overall height	h6	mm	2660		2670		2670		
Height of seat	h7	mm	1450		1450		1520		
Overall length - 80V	l1	mm	4750		5100		5100		
Length to fork face - 80V	l2	mm	3550		3900		3900		
CO - Compact length configuration - Overall length - 80V	l1	mm	4480		4750		4750		
CO - Compact length configuration - Length to fork face - 80V	l2	mm	3280		3550		3550		
Overall length - 96V/120V	l1	mm	5100		5100		5100		
Length to fork face - 96V/120V	l2	mm	3900		3900		3900		
CO - Compact length configuration - Overall length - 96V	l1	mm	4750		4750		4750		
CO - Compact length configuration - Length to fork face - 96V	l2	mm	3550		3550		3550		
Overall width (b1= single tyres, b2= twin tyres)	b1/ b2	mm	1760	1930	-	1930	-	1930	
Fork dimensions	sxexl	mm	60 x 200 x 1200		70 x 200 x 1200		70 x 200 x 1200		
Fork carriage ISO 2328 (FEM), ISS, TP SL, TW SL			F.E.M.4		F.E.M.4		F.E.M.5		
Width of fork carriage	b3	mm	1600		1600		1800		
Ground clearance, below mast (without load)	m1	mm	180		180		180		
Ground clearance, centre of wheelbase	m2	mm	150		165		165		
Battery voltage / Rated capacity (Ah/5h)	V / Ah		80V	1250 - 1720	80V	1250 - 1720	80V	1250 - 1720	
CO - Compact l2 - Battery voltage / Rated capacity (Ah/5h)	V / Ah		80V	1000 - 1376	80V	1000 - 1376	80V	1000 - 1376	
Battery voltage / Rated capacity (Ah/5h)	V / Ah		96V / 120V	1250 - 2064	96V / 120V	1250 - 2064	96V / 120V	1250 - 2064	
CO - Compact l2 - Battery voltage / Rated capacity (Ah/5h)	V / Ah		96V	1240 - 1720	96V	1240 - 1720	96V	1240 - 1720	

Power unit: ELECTRIC
 Operation: SEAT
 Service brake: ELECTRIC
 Type of drive control: AC ELECTRONIC
 Dimensions: +/- 2%; Performances: +/-5%. Please take note measures and technical data indicated in the given offers.