

ACL70-6-B / ACL80-6-B / ACL80-9-B / ACL100-6-B

Available configurations:



BATTERY TENSION

80V

Replacing battery quickly by small forklifts or cranes



VERSIONS



HT Tilt cylinders above the roof



CO Compact - l2 on given dimensions



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, wipers and PVC doors
- Cabin complete of doors, windows and wipers



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

ACL70-6



ACL70-6



ACL80-6



7,000 kg @ 600 mm - 15,400 lbs @ 24'
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 ACL Forklift Series is the best solution for businesses whose requirement is for short and frequent operations. Compact solution with high seat position.

Main characteristics:

- HT (tilt cylinders above the roof) and CO (Compact length l2=3065 mm)** Configuration that allows to handle bulky loads in narrow aisle storage.
- Robust masts** studied for a safe and stable load during the lifting phase without vibrations.
- Steering system**, which facilitates forklift manoeuvres skilfully and combines precision and driving lightness.
- Comfortable cabin** with a 360° and overhead view.
- A safe and ergonomic entry into the cabin with an optimal driver's seat position.
- Rear battery positioning to facilitate a quick change.**
- Recovery of energy** during deceleration or the reverse direction phase.
- A safe braking system** using Oil Bath Braking.
- Fork carriage FEM4A**, 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.**
- AC Technology**, 80V (2x12.5 kw) electronic management of bi-traction motors, lifting motor, pump and steering 80V 30 kw allow for a significant reduction in consumption.
- Simple, efficient operator-forklift interaction** and a rapid and precise response to every single activated command.
- A safe workplace** thanks to zero emissions and low noise levels.



SECTORS:
 paper
 steel and aluminium
 timber
 general manufacturing
 logistic
 automotive

Technical datasheet:

Model designation			ACL70-6-B-S		ACL70-6-B		ACL80-6-B	
Load capacity	Q	Kg	7000		7000		8000	
Load centre	c	mm	600		600		600	
Load distance	x	mm	650		650		680	
Tyres (SE= solid, CU= cushion, PL= polyuretane)			SE		SE		SE	
Mast tilt, forward / backward	α	β	5°	9°	5°	9°	5°	9°
Height of mast, lowered	h1	mm	2900		2900		2900	
Free lift	h2	mm	-		-		-	
Lift height	h3	mm	3300		3300		3300	
Height of mast, extended	h4	mm	4400		4400		4400	
HT -tilt cylinders above the roof - Overall height	h6	mm	2690		2690		2690	
Height of seat	h7	mm	1550		1550		1550	
Overall length	l1	mm	4050		4270		4450	
Length to fork face	l2	mm	2850		3070		3250	
Overall width (b1= single tyres, b2= twin tyres)	b1/b2	mm	1540	1900	1540	1900	1665	1900
Fork dimensions	sxexl	mm	60 x 150 x 1200		60 x 150 x 1200		60 x 200 x 1200	
Fork carriage ISO 2328 (FEM), ISS, TPSL, TWSL			F.E.M.4		F.E.M.4		F.E.M.4	
Width of fork carriage	b3	mm	1400		1400		1400	
Ground clearance, below mast (without load)	m1	mm	180		180		180	
Ground clearance, centre of wheelbase	m2	mm	190		190		190	
Battery voltage / Rated capacity (Ah/5h)	V / Ah		80	1085 - 1204	80	1085 - 1376	80	1240 - 1376

Model designation			ACL80-9-B		ACL100-6-B	
Load capacity	Q	Kg	8000		10000	
Load centre	c	mm	900		600	
Load distance	x	mm	680		680	
Tyres (SE= solid, CU= cushion, PL= polyuretane)			SE		SE	
Mast tilt, forward / backward	α	β	5°	9°	5°	9°
Height of mast, lowered	h1	mm	2950		2950	
Free lift	h2	mm	-		-	
Lift height	h3	mm	3300		3300	
Height of mast, extended	h4	mm	4450		4450	
HT -tilt cylinders above the roof - Overall height	h6	mm	2690		2690	
Height of seat	h7	mm	1550		1550	
Overall length	l1	mm	5300		4700	
Length to fork face	l2	mm	3500		3500	
Overall width (b1= single tyres, b2= twin tyres)	b1/b2	mm	1665	1900	1900	
Fork dimensions	sxexl	mm	70 x 200 x 1800		70 x 200 x 1200	
Fork carriage ISO 2328 (FEM), ISS, TPSL, TWSL			F.E.M.4		F.E.M.5	
Width of fork carriage	b3	mm	1500		1500	
Ground clearance, below mast (without load)	m1	mm	180		180	
Ground clearance, centre of wheelbase	m2	mm	190		190	
Battery voltage / Rated capacity (Ah/5h)	V / Ah		80	1240 - 1376	80	1240 - 1376

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.