

AC150-12 / AC160-12 / AC180-12 / AC250-8

Available configurations:



BATTERY TENSION

120V

Replacing battery quickly by small forklifts or cranes



VERSIONS

LT Low tilt cylinders **CO** Compact - 12 on given dimensions



TYRES

Front single or twin
SE: solid tyres - only for AC150L-12 / AC160L-12
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
- 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
- Air condition
- Heater
- Infrared led video camera with color LCD 5" display
- Static or Dynamic weighting system



COMMAND CONTROLLERS

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

AC180-12



AC250-8



AC250-8-CO



15,000 kg @ 1,200 mm - 33100 lbs @ 47'
16,000 kg @ 1200 mm - 35300 lbs @ 47'
18,000 kg @ 1200 mm - 39700 lbs @ 47'
25,000 kg @ 800 mm - 55100 lbs @ 31'

The AC series from 15 to 18 tons with 1200 mm load center, 25 tons at 600 mm and 800 mm, is the symbol of deep experience in the high capacity electric forklifts field.

The development of this innovative line comes from the needs of manufacturing companies to use performing forklifts for the handling of heavy loads saving operating costs, versatility and zero pollutant emissions.

Main characteristics:

- The **electronic management AC and batteries 120V voltage** allow this forklift series equal performance to those with internal combustion engine of similar range.
- **TPSL separated side shift from fork positioner. 4 hydraulic ways with piping.**
- AC technology offers a list of advantages for the driver. **Rapid and precise response to every single activated command.**
- **No vibration emissions** on handling loads benefitting safe workplace during lifting, tilting or shifting.
- **No impetuous movement typical of diesel engines in driving phases.**
- Energy saving: **each engine- traction 45kW (120V), lifting pump 55kW (120V), steering- is activated individually when required.**
- **Operator-forklift interaction** regarding movements, diagnosis of anomalies and in the management of working parameters.
- **Power assisted steering that optimizes space and maneuvers.** Devio command or bi-pedal for a quick and safe change of gear.
- **Braking system in oil bath with energy recovery** on deceleration or reversal of the driving direction.
- **Well-weighted and robust chassis**, a reinforced mast with a cart with 6 bearings d.220 mm bring stability, safety and reliability during the handling of heavy and often bulky loads.
- **Rear battery positioning to facilitate a quick change.**
- A comfortable cabin with a 360° and overhead view.





SECTORS:
 steel and aluminium
 wind turbines
 automotive
 timber
 general manufacturing
 heavy logistics
 recycling
 nuclear wastes

Technical datasheet:

Model designation			AC160-12		AC180-12		AC250-8	
Load capacity	Q	Kg	16000		18000		25000	
Load centre	c	mm	1200		1200		800	
Tyres (SE= solid, CU= cushion, PL= polyuretane)			SE - CU		CU		CU	
Mast tilt, forward / backward	α	β	5°	9°	5°	9°	5°	9°
Height of mast, lowered	h1	mm	3450		3450		3450	
Free lift	h2	mm	0		0		0	
Lift height	h3	mm	3500		3500		3500	
Height of mast, extended	h4	mm	5150		5150		5200	
Height of overhead guard	h6	mm	3020		3020		3040	
Height of seat	h7	mm	1900		1900		2020	
Overall length	l1	mm	7440		7440		6640	
Length to fork face	l2	mm	5040		5040		5040	
CO - Compact length configuration - Overall length	l1	mm	7150		7150		6350	
CO - Compact length configuration - Length to fork face	l2	mm	4750		4750		4750	
Overall width (b1= single tyres, b2= twin tyres)	b2	mm	2450		2450		2450	
Fork dimensions	sxexl	mm	100 x 220 x 2400		100 x 220 x 2400		100 x 220 x 1600	
Fork carriage ISO 2328 (FEM), ISS, TPSSL, TWSL			PYN-TYPE		PYN-TYPE		PYN-TYPE	
Width of fork carriage	b3	mm	2450		2450		2450	
Ground clearance, below mast (without load)	m1	mm	200		200		200	
Ground clearance, centre of wheelbase	m2	mm	230		230		220	
Battery voltage / Rated capacity (Ah/5h)	V / Ah		120	1860 - 2064	120	1860 - 2064	120	1860 - 2064

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.