

AC250L-12-HV / AC270L-12-HV / AC300L-12-HV / AC330L-12-HV

Available configurations:



BATTERY TENSION

380V

Replacing battery quickly by small forklifts or cranes

AC330L-12-HV 380V



AC300L-12-HV 380V



AC250L-12-HV 380V



VERSIONS



Low tilt cylinders



Liquid cooling system



TIRES

Front twin
SE: solid tyres
PNE: pneumatic tyres



CABIN

- Upper covering and front window with wiper
- Rear window with wiper
- Magnifica Cabin complete of doors, windows and wipers
- 2nd passenger seat
- Rotating seat position operator



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

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

25,000 kg @ 1200 mm - 55100 lbs @ 47'
27,000 kg @ 1200 mm - 59500 lbs @ 47'
30,000 kg @ 1200 mm - 66100 lbs @ 47'
33,000 kg @ 1200 mm - 72700 lbs @ 47'

AC250L-12-HV - AC330L-12-HV 380V series is a revolution: where diesel forklifts used to operate, electric forklifts are now offered for use. The sectors where they can be used are port terminals, steelworks and metallurgy, the handling of wind turbines, cement factories and sectors where the handling of loads over 20 tons is carried out even in continuous cycle.

It offers performance and speed equal to a diesel truck. Agility in manoeuvring thanks to a dedicated steering engine. The advantage of a deep reduction of polluting emissions, noise level and fuel costs with a considerable saving at the end of the working day. For working on uneven floors, indoors and outdoors in different environmental situations.

Main characteristics:

- Traction and lifting electronic in **AC -RANIERO** electronic control with regenerative braking system. **Traction motor 125kW 380V, pump motor 90kW 380V, steering pump 45kW 380V.**
- AC technology offers a list of advantages for the driver. Rapid and precise response to every single activated command.
- Liquid cooling system:** Liquid cooling for drive and lift motor (IP65) and electronics; Own cooling circuit and cooler, therefore simplified maintenance and cleaning in the lower area possible with steam jet; no filter cartridges; reduction of motor and pump temperature and cooling of the electronic system to approx. 55° C; energy saving of 33%.
- Central greasing**
- Twin front Solid or Pneumatic tyres 4 + 2**
- Special reinforced mast with d. 250 mm axial / radial bearings. With this mast operators may make the steering maneuver to place the load without making structural problems.
- TPSL separated side shifter from fork positioner.** 4 hydraulic ways with piping. Available fork levelling and a wide range of attachments.
- No vibration emissions** on handling loads benefiting safe workplace during lifting, tilting or shifting.
- No impetuous movement** typical of diesel engines in driving phases.
- Operator-forklift interaction** regarding movements, diagnosis of anomalies and in the management of working parameters.
- Magnifica Cabina is for those who like to have a comfortable and ergonomic cabin: large windows and great overhead view; ergonomic adjustable seat** with seatbelt *Grammer* mod. Pneumatic springing Seat *Primo El Plus* and automatic adjusting electronically; **wider seat of 530 mm**; heater and air conditioner with air filtration system; **infrared video camera with LCD colour 5" flat display**; bottle holder, second passenger seat, top roof sun blinding curtain.
- Flip flop:** side tilting of cabin for making easier maintenance and service.
- Power assisted steering** that optimizes space and manoeuvres.
- Braking system in oil bath with energy recovery** on deceleration or reversal of the driving direction.
- Rear battery positioning** to facilitate a quick change.





SECTORS:
 steel, aluminium
 timber
 concrete, bricks, and rock
 container ports and terminals
 paper
 general manufacturing
 oil and gas
 wind power handling
 nuclear wastes
 electrical cables and wiring

Technical datasheet:

Model designation			AC250L-12-HV		AC270L-12-HV		AC300L-12-HV		AC330L-12-HV	
Load capacity	Q	Kg	25000		27000		30000		33000	
Load centre	c	mm	1200		1200		1200		1200	
Tyres (SE= solid, CU= cushion, PL= polyuretane)			SE - PNE		SE - PNE		SE - PNE		SE - PNE	
Mast tilt, forward / backward	α	β	5°	8°	5°	8°	5°	8°	5°	8°
Height of mast, lowered	h1	mm	4100		4100		4100		4100	
Free lift	h2	mm	-		-		-		-	
Lift height	h3	mm	4000		4000		4000		4000	
Height of mast, extended	h4	mm	6100		6100		6100		6100	
Height of overhead guard	h6	mm	3500		3500		3400		3400	
Height of seat	h7	mm	2590		2590		2300		2300	
Overall length	l1	mm	8750		8750		9400		9400	
Length to fork face	l2	mm	6350		6350		7000		7000	
Overall width (b1= single tyres, b2= twin tyres)	b1/b2	mm	2850		2980		3450		3450	
Fork dimensions	sxexl	mm	110 x 250 x 2400		110 x 250 x 2400		110 x 300 x 2400		110 x 300 x 2400	
Fork carriage ISO 2328 (FEM), ISS, TP SL, TW SL			PYN-TYPE		PYN-TYPE		TWIL		TWIL	
Width of fork carriage	b3	mm	2980		2980		3400		3400	
Ground clearance, below mast (without load)	m1	mm	350		350		250		250	
Ground clearance, centre of wheelbase	m2	mm	300		300		250		250	
Battery voltage / Rated capacity (Ah/5h)	V / Ah		380	1550 / 1720	380	1550 / 1720	380	1860 / 2064	380	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.