



ICE301B

Electric Counterbalance Forklift Truck 3.0T

- Lithium-ion technology
- Low TCO
- Easy driving
- Brilliant visibility
- Telematics (optional)

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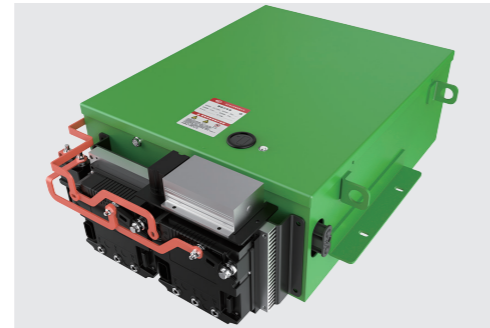
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PRODUCT FEATURES

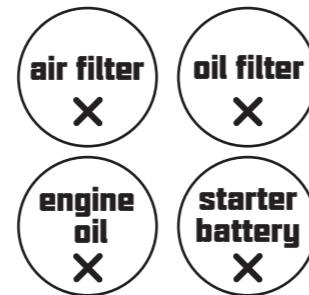
■ Lithium-ion technology

ICE 301B adapts LFP Li-ion battery that prevents the battery from self-ignition and ensures safety operation. ICE301B supports opportunity charging so it can be charged at preferable time during the day without disrupting working schedules.



■ Low TCO

Comparing to a diesel forklift truck, ICE301B saves 30%-50% of energy cost with li-ion technology. And there is no maintenance fee with no air filter, oil filter, engine oil or starter battery installed on the truck.



■ Easy driving

The truck is equipped with electric-hydraulic braking system. The system shortens the braking distance to ensure safety while reducing the driving fatigue in the meantime.



■ Brilliant visibility

A wide view mast ensures good visibility during operation. This enables operator to better monitor the status of the cargo.



■ Telematics (optional)

ICE301B offers EP' s latest Telematics as option. It provides the following features to facilitate your fleet management:

- Truck location in real-time
- Reports of truck usages and diagnosis
- Li-ion battery condition analytics
- Updates on card access registration



PRODUCT PARAMETERS

Distinguishing mark			
1.1	Manufacturer		EP
1.2	Model designation		ICE301B
1.3	Drive unit		Electric
1.4	Operator type		Seated
1.5	rated capacity	Q	t
1.6	Load center distance	c	mm
1.8	Load distance, centre of drive axle to fork	x	mm
1.9	Wheelbase	y	mm
Weight			
2.1	Service weight (include battery)		kg
2.2	Axle loading, laden driving wheels /steering wheels		kg
2.3	Axle loading, unladen driving wheels /steering wheels		kg
Types,Chassis			
3.1	Tyre type,driving wheels /steering wheels		Pneumatic
3.2	Tyre size, driving wheels		28X9-15-14PR
3.3	Tyre size, steering wheels		6.50-10-10PR
3.5	Wheels, number driving/steering (x=drive wheels)		mm
3.6	Tread, Driving wheels	b10	mm
3.7	Tread, Steering wheels	b11	mm
Dimensions			
4.1	Tilt of mast/fork carriage forward/backward	α / β (°)	6/ 10
4.2	Height, mast lowered	h1	mm
4.3	Free lift (load backrest)	h2	mm
4.4	Lift height	h3	mm
4.5	Height, mast extended	h4	mm
4.7	Height of overhead guard (cabin)	h6	mm
4.8	Seat height	h7	mm
4.12	Tow center of pin height	h10	mm
4.19	Overall length	l1	mm
4.20	Length to face of forks	l2	mm
4.21	Overall width	b1/ b2	mm
4.22	Fork dimensions	s/ e/ l	mm
4.23	Fork carriage class/type A, B		3A
4.24	Fork carriage width	b3	mm
4.31	Ground clearance, laden, below mast	m1	mm
4.32	The minimum ground clearance of frame	m2	mm
4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast	mm
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm
4.35	Turning radius	Wa	mm
Performance data			
5.1	Travel speed, laden/ unladen	km/ h	11/12
5.2	Lifting speed, laden/ unladen	m/ s	0.25/0.35
5.3	Lowering speed, laden/ unladen	m/ s	0.4/0.43
5.8	Max. gradeability, laden/unladen	%	15/15
5.10	Service brake type		Mechanics+ Hydraulic
	park brake type		Mechanics
Electric-engine			
6.1	Drive motor rating S2 60 min	kW	10
6.2	Lift motor rating at S3 15%	kW	12
6.3	The maximum allowed size battery	mm	705X 565X266
6.4	Battery voltage/nominal capacity K5		80V/220AH
6.5	Battery weight	kg	
Addition data			
8.1	Type of drive unit		AC
10.5	Steering type		hydraulic
10.7	Sound pressure level at the driver's ear	dB (A)	< 74

LINE GRAPH

