



ICE251

Electric Counterbalance Forklift Truck 2.5T

- Compact size
- High strength components
- Lithium-ion technology
- Telematics
- Low TCO

iMOW
www.imowshop.com



Scan and Enter iMOW Website



iMOW

NO.121 Yonghua Street, Shiqiao Road, Xia Cheng Qu , Hangzhou, China 86-571-28035665

86-571-28035656/28878695

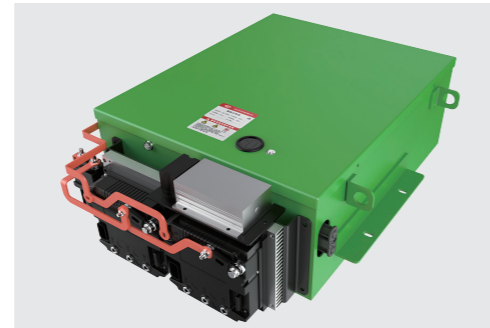
www.imowshop.com

info@imowshop.com

PRODUCT FEATURES

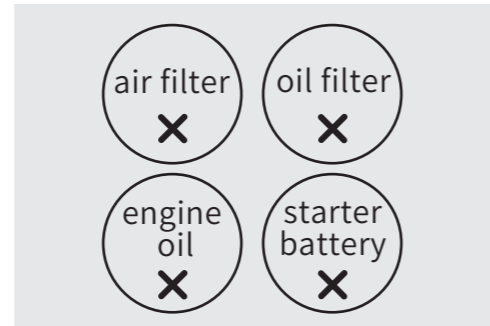
■ Lithium-ion technology

ICE251 adapts LFP Li-ion battery that prevents the battery from self-ignition and ensures safety operation. It 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, ICE251 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.



■ Compact size

The overall length of ICE251 is 3573 mm that is 5% more compacted in size than a regular IC forklift to be used in narrow aisle.



■ IPX4 rated water-protected design

The ICE251 is IPX4 rated and that protects the trucks from splash of water from different angles. The waterproofed design allows the trucks to be operated outdoors, even in the rain.



■ Telematics

ICE251 offers EP' s latest Telematics. It provides the following features to facilitate your fleet management:

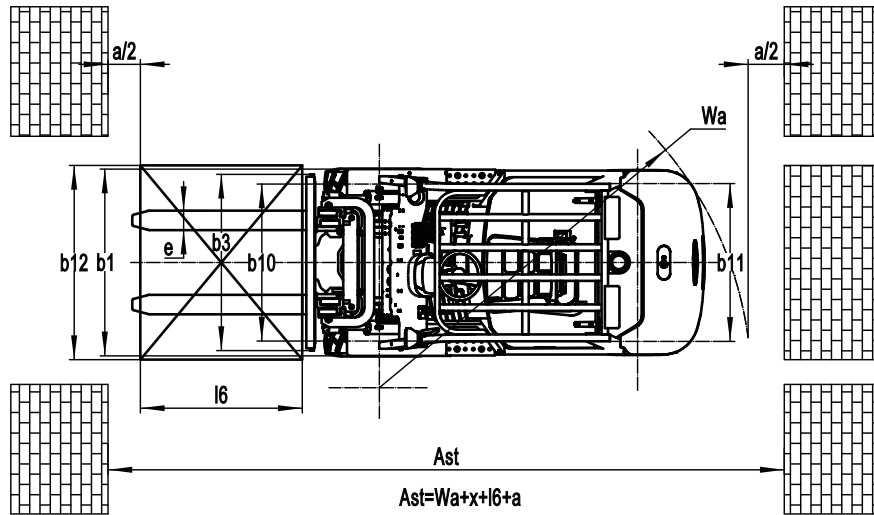
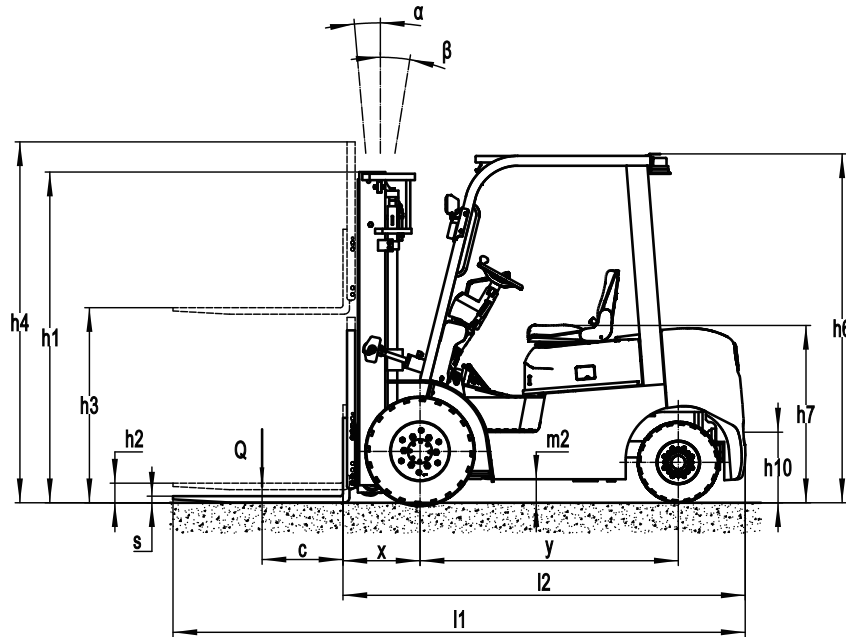
- Truck location in real-time
- Reports of truck usages and diagnosis
- Li-ion battery condition analytics
- Updates on card access registration



PRODUCT PARAMETERS

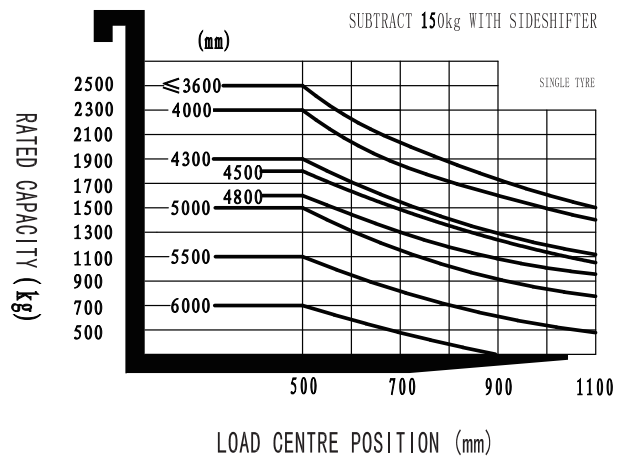
Distinguishing mark	1.1			Manufacturer	iMOW
	1.2			Model designation	ICE251
Service weight	1.3			Drive	Electric
	1.4			Operator type	Seated
Tyres/chassis	1.5			Load capacity	Q kg 2500
	1.6			Load center distance	c mm 500
Dimensions	1.8			Load distance, centre of drive axle to fork	x mm 495
	1.9			Wheelbase	y mm 1595
Performance data	2.1			Service weight	kg 3770
	2.2			Axle loading, laden front/rear	kg 5490/780
Electric-engine	2.3			Axle loading, unladen front/rear	kg 1450/2320
	3.1			Tyre type	Pneumatic
Addition data	3.2			Tyre size, front	7.00-12-12PR
	3.3			Tyre size, rear	6.00-9-10PR
Performance data	3.5			Wheels, number front/rear (x=drive wheels)	mm 2x/ 2
	3.6			Tread width, front	b10 mm 970
Performance data	3.7			Tread width, rear	b11 mm 975
	4.1			Tilt of mast/fork carriage forward/backward	α/β ° 6/ 10
Performance data	4.2			Retracted mast height	h1 mm 2060
	4.3			Free lift	h2 mm 140
Performance data	4.4			Lift height	h3 mm 3000
	4.5			Height, mast extended	h4 mm 4050
Performance data	4.7			Height of overhead guard (cabin)	h6 mm 2160
	4.8			Seat height/standing height	h7 mm 1095
Performance data	4.12			Tow coupling height	h10 mm 435
	4.19			Overall length	l1 mm 3573
Performance data	4.20			Length to face of forks	l2 mm 2503
	4.21			Overall width	b1/b2 mm 1154
Performance data	4.22			Fork dimensions	s/e/l mm 40x122x1070
	4.23			A,B Fork carriage class/type A, B	2A
Performance data	4.24			Fork carriage width	b3 mm 1090
	4.31			Ground clearance, laden, below mast	m1 mm 100
Performance data	4.32			Ground clearance, center of wheelbase	m2 mm 150
	4.34.1			Aisle width for pallets 1000x1200 crossways	Ast mm 3985
Performance data	4.34.2			Aisle width for pallets 800x1200 crossways	Ast mm 4195
	4.35			Turning radius	Wa mm 2290
Performance data	5.1			Travel speed, laden/unladen	km/h 11/12
	5.2			Lifting speed, laden/unladen	m/s 0.28/0.37
Performance data	5.3			Lowering speed, laden/unladen	m/s 0.45/0.5
	5.5			Drawbar pull, laden/unladen	N —
Performance data	5.6			Max. drawbar pull, laden/unladen	N —
	5.8			Max. gradeability, laden/unladen	% 15/15
Performance data	5.10			Service brake	Hydraulic
	5.11			Parking brake	Mechanical
Performance data	6.1			Drive motor rating S2 60 min	kW 10
	6.2			Lift motor rating at S3 15%	kW 16
Performance data	6.4			Battery voltage/nominal capacity	V/Ah 80V205AH
	6.5			Battery weight	kg —
Performance data	8.1			Type of drive control	AC
	10.5			Steering design	Hydraulic
Performance data	10.7			Sound pressure level at the driver's ear	dB(A) < 74

LINE GRAPH



RATED CAPACITY

RATED CAPACITIES



MAST OPTION

Mast types	Lift height (h3)	Height, Mast			Height, Free lift(h2)	
		Height, mast lowered(h1)	Height, mast extended(h4)		No shelving	With shelving
	No shelving		With shelving	mm		
2-Standard Mast	3000	2075	3565	4025	140	140
	3300	2225	3865	4325	140	140
	3600	2375	4165	4625	140	140
	4000	2625	4565	5025	140	140
2-Free Mast	3000	2035	3565	4025	1470	1000
	3300	2185	3865	4325	1620	1150
3-Free Mast	4300	2035	4865	5325	1470	1000
	4500	2115	5065	5525	1550	1080
	4800	2220	5365	5825	1655	1185
	5000	2305	5565	6025	1740	1270
	5500	2555	6065	6525	1990	1520
	6000	2805	6565	7025	2240	1770

OPTION

No.	Optional items	ICE251
1.1	Fork dimension	○122*40*920●122*40*1070○122*40*1150○122*40*1220○122*40*1370 ○122*40*1500○122*40*1600○122*40*1700○122*40*1820○122*40*1900 ○122*40*2000○122*40*2200
1.4	Fork carriage width	●1040mm○Yes and not customized
1.5	Fork carriage height	●1025mm○Yes and not customized
2.5	Front wheel material	●Pneumatic○Solid○Non-marking
2.6	Rear wheel material	●Pneumatic○Solid○Non-marking
2.7	Battery capacity	●80V205AH○80V280AH○80V410AH
2.8	Charger	●80V35A○80V65A○80V130A○80V200A ○80V35A internal○80V60A internal
2.9	Battery indicator	●With time
2.10	Seat type	●Regular○Premium○Suspension○Suspension + seatbelt logic switch
2.11	Attachments	●No○Built-in sideshifter○External shifter○Fork positioner
2.13	Traction pin	●Yes
3.5	Front lamp	●LED
3.6	Rear lamp	●No○LED
3.7	Warning lamp	●Yes
3.8	Steering lamp	●Yes
3.9	Blue lamp	●No○2 front○1 rear○2 front + 1 rear
3.10	Area warning lamp	●No○1 left + 1 right (red)
3.11	Rearview mirror	●1 in the middle○Add rearview mirror on both sides
3.12	Buzzer	●Yes
3.17	OPS system	●Yes
3.23	Telematics	●No○Yes and not customized
4.3	Cabin	●No○Basic semi-enclosed cabin○Upgrade semi-enclosed cabin○Full cabin
4.9	Heater	●No○Yes and not customized

Note: ● standard ○ option — NA