



# IPL153

Electric Pallet Truck 1.5T

- Smart lithium battery;
- Newly designed handle head;
- Pass market tests of safety and reliability.



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## iMOW

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## PRODUCT FEATURES



### Smart lithium battery

The IPL 153 is equipped with a Li-Ion battery and an integrated charger for flexibility in the warehouse. The truck can be charged at any standard power outlet with no need for special charging rooms.



### Newly designed handle head

With its ergonomically designed tiller head, the IPL 153 can lift electrically and lower manually for a maximum in control and sensitivity.



### Components tested in the market

The IPL 153 runs on standard components, proven by the market since over ten years.



## ANGLE VIEW



\*Pictures shown are for reference only. Actual product may vary due to product enhancement.

## PRODUCT PARAMETERS

Distinguishing mark			
1.1	Manufacturer		EP
1.2	Model designation		IPL153
1.3	Drive unit		Battery
1.4	Operator type		Pedestrian
1.5	rated capacity	Q	kg 1500
1.6	Load center distance	c	mm 600
1.8	Load distance	x	mm 950(880)
1.9	Wheelbase	y	mm 1190(1120)
Weight			
2.1	Service weight (include battery)		kg 115
2.2	Axle loading, laden driving side/loading side		kg 540/1070
2.3	Axle loading, unladen driving side/loading side		kg 100/15
Types, Chassis			
3.1	Tyre type driving wheels/loading wheels		PU
3.2	Tyre size, driving wheels (diameter×width)		mm $\Phi$ 210x70
3.3	Tyre size, loading wheels (diameter×width)		mm $\Phi$ 210x70
3.4	Tyre size, caster wheels (diameter×width)		mm $\Phi$ 80x60( $\Phi$ 74x88)
3.5	Wheels, number driving, caster/loading (x=drive wheels)		mm 1x/4(1x/2)
3.6	Track width, front, driving side	b10	mm
3.7	Track width, rear, loading side	b11	mm
Dimensions			
4.4	Lift height	h3	mm 115
4.9	Height drawbar in driving position min./max.	h14	mm 750/1190
4.15	Lowered height	h13	mm 80
4.19	Overall length	l1	mm 1550
4.20	Length to face of forks	l2	mm 400
4.21	Overall width	b1	mm 560(685)
4.22	Fork dimensions	sxexl	mm 50x150x1150
4.25	Distance between fork-arms	b5	mm 560(685)
4.32	Ground clearance, center of wheelbase	m2	mm 30
4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast	mm 1650
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm 1850
4.35	Turning radius	Wa	mm 1390
Performance data			
5.1	Travel speed, laden/ unladen	km/ h	km/h 4/4.5
5.2	Lifting speed, laden/ unladen		m/ s 0.017/0.024
5.3	Lowering speed, laden/ unladen		m/ s 0.09/0.06
5.8	Max. gradeability, laden/unladen		% $\nabla$ 16
5.10	Service brake type		electric
Electric-engine			
6.1	Drive motor rating S2 60 min		kW 0.75
6.2	Lift motor rating at S3 15%		kW 0.5
6.3	The maximum allowed size battery		mm 230x260x85
6.4	Battery voltage/nominal capacity K5		V/Ah 24/20
6.5	Battery weight		kg 5
Addition data			
8.1	Type of drive control		DC
10.5	Steering type		mechanical
10.7	Sound pressure level at the driver's ear		dB (A) <74

## LINE GRAPH

