



IPL153

Electric Pallet Truck 1.5T

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

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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			IMOW	
	1.2 Model designation			IPL153	
Service weight	1.3 Drive			Electric	
	1.4 Operator type			Pedestrian	
Tyres/chassis	1.5 Load capacity	Q	kg	1500	
	1.6 Load center distance	c	mm	600	
	1.8 Load distance, centre of drive axle to fork	x	mm	950(880)	
	1.9 Wheelbase	y	mm	1190(1120)	
	2.1 Service weight		kg	115	
Dimensions	2.2 Axle loading, laden front/rear		kg	540/1070	
	2.3 Axle loading, unladen front/rear		kg	100/15	
	3.1 Tyre type			Polyurethane	
	3.2.1 Tyre size, front		mm	Φ210x70	
	3.3.1 Tyre size, rear		mm	Φ80x60(Φ74x88)	
	3.4 Additional wheels (castor wheels)		mm	—	
	3.5 Wheels, number front/rear (x=drive wheels)		mm	1x/4(1x/2)	
	3.6.1 Tread width, front	b10	mm	—	
	3.7.1 Tread width, rear	b11	mm	410(535)	
	4.4 Lift height	h3	mm	115	
Performance data	4.9 Height of tiller handle in drive 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/b2	mm	560(685)	
	4.22 Fork dimensions	s/e/l	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 crossways	Ast	mm	1850	
	4.35 Turning radius	Wa	mm	1390	
	Electric-engine	5.1 Travel speed, laden/unladen		km/h	4.0/4.5
		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			%	6/16	
5.10 Service brake				Electromagnetic	
Addition data	6.1 Drive motor rating S2 60 min		kW	0.75	
	6.2 Lift motor rating at S3 15%		kW	0.5	
	6.4 Battery voltage/nominal capacity		V/Ah	24/20	
Addition data	6.5 Battery weight		kg	5	
	8.1 Type of drive control			DC	
	10.5 Steering design			Mechanical	
Addition data	10.7 Sound pressure level at the driver's ear		dB(A)	<74	

LINE GRAPH

