

Dyna Lift



DYNA-E151 1.5T Electric Pallet Truck



- New plug-in lithium battery pallet truck
- Ultimate small size
- BFrame metal forming with high-duty structure

Product parameters

Distinguishing mark			
1.1	Manufacturer		DYNA
1.2	Model designation		DYNA-E151
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 883/946
1.9	Wheelbase	y	mm 1105/1168
Weight			
2.1	Service weight (include battery)		kg 160
2.2	Axle loading, laden driving side/loading side		kg 604/1156
2.3	Axle loading, unladen driving side/loading side		kg 130/30
Types, Chassis			
3.1	Tyre type driving wheels/loading wheels		PU/ PU
3.2	Tyre size, driving wheels (diameter×width)		mm Φ210×70
3.3	Tyre size, loading wheels (diameter×width)		mm 2x Φ78×60(Φ78×88)
3.4	Tyre size, caster wheels (diameter×width)		mm Φ74×48
3.5	Wheels, number driving , caster/loading (x=drive wheels)		mm 1x 2/4 (1x 2/2)
3.6	Track width, front,driving side	b10	mm 438
3.7	Track width,rear,loading side	b11	mm 390
Dimensions			
4.4	Lift height	h3	mm 115
4.9	Height drawbar in driving position min./max.	h14	mm 700/1170
4.15	Lowered height	h13	mm 80
4.19	Overall length	l1	mm 1523
4.20	Length to face of forks	l2	mm 373
4.21	Overall width	b1/ b2	mm 600
4.22	Fork dimensions	s/ e/ l	mm 50/150/1150
4.25	Outside width of the forks	b5	mm 540
4.32	Ground clearance, center of wheelbase	m2	mm 30
4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast	mm 1584
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm 1784
4.35	Turning radius	Wa	mm 1330
Performance data			
5.1	Travel speed, laden/ unladen	km/ h	km/h 4/4.5
5.2	Lifting speed, laden/ unladen		m/ s 0.022/0.025
5.3	Lowering speed, laden/ unladen		m/ s 0.034/0.023
5.8	Max. gradeability, laden/unladen		% 5/16
5.10	Service brake type		Electromagnetic
Electric-engine			
6.1	Drive motor rating S2 60 min		kW 0.65
6.2	Lift motor rating at S3 15%		kW 0.8
6.3	The maximum allowed size battery		mm Li 175*124*407
6.4	Battery voltage/nominal capacity K20		V/ Ah 24V*1/55Ah
6.5	Battery weight		kg 13
	Standard battery pack capacity		V / AH 24V/55Ah
	Chemical Material		NMC
	Charger		V / A 24V/20A
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

