

CASTLE

LPJ4000 SPECIFICATIONS

GENERAL DATA

Power Type (battery)	Lithium Battery
Load capacity in lbs	4,400 lbs
Service weight in lbs	331 lbs /353 lbs
Load Center	24"
Operator position	Pedestrian
Load Distance, center of drive axle to fork	37"/90"
Wheelbase	49" / 52"

PERFORMANCE

Travel Speed	3mph
Tortoise Speed	1mph
Lift speed (Full Load)	6"/sec
Drop speed (Full load)	14"/sec
Lift speed (Unloaded)	11 "/sec
Drop speed (Unloaded)	10 "/sec
Minimum turning radius	53"
Max grade with load	6%
Max grade without load	15%
Noise level at operator's ear	≤74 db
Service brake	8n.m Electromagnetic

TIRES

Tire type	Polyurethane
Wheels, number (Drive/rear/balance roller)	2/4
Tire dimensions, Drive	100x70
Tire dimensions, rear	80x93 (single load roller) 80x70 (Tandem)
Balance Roller	70*36
Tread, rear	400/520

POWER SYSTEM

Battery Voltage/Capacity	48V/10AH
Electric Motor Drive Rating	0.85kW
Electric Motor Lifting Rating	0.6kW
Battery Weight	14 lbs
Battery Size	7.5" x 3.5" x 10 "
Charger	48v/6A
Charging Time	2.5-3 hrs
Working time under normal conditions	3-5 hrs

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TURNING RADIUS

Aisle width for pallets 800x1200 lengthways	91"
Aisle width for pallets 1000x1200 lengthways	95"
Turning Radius	53"

EXTERIOR SPECIFICATIONS

h3 Lift height	4" / 4.5"
h14 Height of tiller in drive position min/max	27"-47"
h13 Lowered height	3" / 3.375"
L1 Overall length	61" / 63"
L2 Length to face of forks	15"
b1 Overall width	22" / 27"
s/e Fork dimensions Single Wheel	2" / 6.25" / 45"
s/e Fork dimensions Dual Wheel	2" / 6.25" / 48"
b5 Width across forks	22" / 27"
m2 Ground clearance, center of wheelbase	1.125"-1.625"

