LiuGong



Power Source	Electric
Rated Capacity	9,000 kg
Drive Motor Power	54.5 kW

CPD90 E-SERIES FORKLIFT

TOUGH WORLD. TOUGH EQUIPMENT.

CPD90 SPECIFICATIONS >>>

GENERAL	
Model	CPD90
Option	E2HY
Power Type	Electric
Rated Capacity	9,000 kg
Rated Load Center	600 mm
X Front Overhang, Std. 2-stage Mast	718 mm
Y Wheelbase	2,500 mm

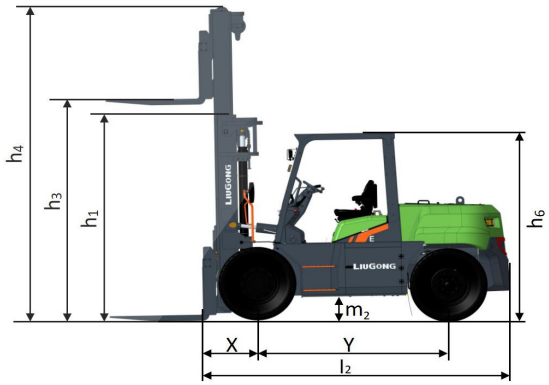
WEIGHT	
Service Weight	13,400 kg
Axle Loading (Loaded, Front/Rear)	20,051/2,349 kg
Axle Loading (Unloaded, Front/Rear)	6,489/6,911 kg

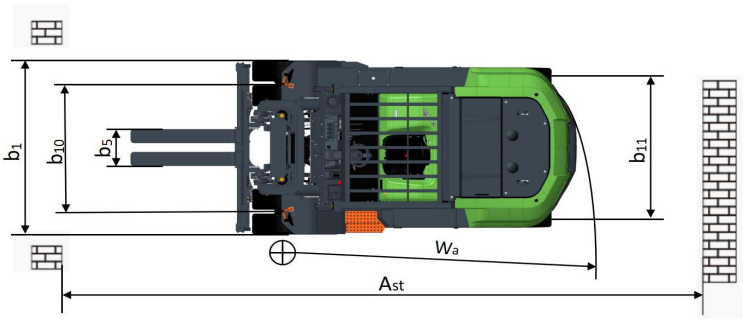
TIRES	
Tire Type (Front/Rear)	Pneumatic
Front Tire Size	9.00-20-14PR
Rear Tire Size	9.00-20-14PR
Number of Wheels (Front/Rear) (x=Drive Wheels)	4×/2
b_{10} Front Tread	1,600 mm
b_{11} Rear Tread	1,720 mm

PERFORMANCE	
Travel Speed (Loaded/Unloaded)	28/30 km/h
Lift Speed (Loaded/Unloaded)	380/410 mm/s
Lowering Speed (Loaded/Unloaded)	400/320 mm/s
Max. Gradeability (Loaded/Unloaded)	26/25 %

DIMENSIONS	
Mast Tilt (FWD/REV)	7/12 deg
h_1 Height (Upright Lowered), Std. 2-stage Mast	2,850 mm
Free Lift, Std. 2-stage Mast	200 mm
h_3 Max. Fork Height, Std. 2-stage Mast	3,000 mm
h_4 Height (Upright Extended), Std. 2-stage Mast	4,343 mm
h_6 Overhead Guard Height	2,565 mm
Coupling Height	440 mm
l_2 Length to Fork Face, Std. 2-stage Mast	3,963 mm
b_1 Overall Width	2,170 mm
Fork Dimensions (Thickness/Width/Length)	80×175×1,220 mm
Fork Carriage (ISO 2328, Class/Type A, B)	4A
Fork Carriage Width	2,080 mm
b_5 Fork Spread (Min./Max.)	420/2,000 mm
Ground Clearance (Loaded, Below Mast)	246 mm
m_2 Ground Clearance (Center of Wheel-base)	340 mm
A_{st} Aisle Width (for 1,000×1,200 Pallets, Crossways)	5,768 mm
A_{st} Aisle Width (for 800×1,200 Pallets, Lengthways)	5,568 mm
W_a Turning Radius	3,650 mm

SYSTEMS	
Drive Motor Rating (S2, 60 min)	54.5 kW
Lift Motor Rating (S3, 15%)	35+35 kW
Battery Type	Lithium
Battery Voltage/Capacity, Std.	309/93.3 V/kW·h
Battery Weight, Std.	850 kg
Working Pressure	20 Mpa
Service Brake/Parking Brake	Hydraulic/Mechanical





Guangxi Liugong Machinery Co., Ltd.
No. 1 Liutai Road, Liuzhou, Guangxi 545007, PR China
T: +86 772 3886124 E: overseas@liugong.com
www.liugong.com

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Specifications and designs are subject to change without notice. Machines shown may include optional equipment. LiuGong standard and optional equipment may vary from region to region. Please consult your LiuGong dealer for information specific to your area. Engine power kW is converted to horsepower (1 kW=1.3596 ps and 1 kW=1.3410 hp) in this file.