



Engine Power
Source
Capacity
Rated Power

Cummins B7
Diesel
39,600 LBS.
200/2,200 hp/rpm

CPCD180-12

E-SERIES

FORKLIFT

TOUGH WORLD. TOUGH EQUIPMENT.

CPCD180-12 SPECIFICATIONS >>>

GENERAL

Model	CPCD180-12
Options	EC8-12
Power Type	Diesel
Base Capacity	39,600 lbs
Rated Load Center	48 In
X Front Overhang, Std. 2-stage Mast	43.1 in
Y Wheelbase	157.5 in

WEIGHT

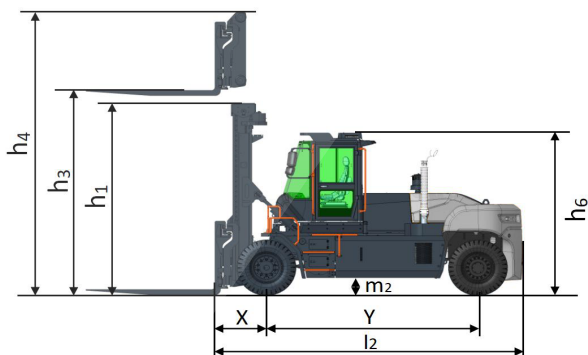
Service Weight	57,116.4 lbs
Axle Loading (Loaded, Front/Rear)	88,532/ 8,184 lbs
Axle Loading (Unloaded, Front/Rear)	26,162 / 30,954 lbs

TIRES

Tire Type (Front/Rear)	Pneumatic
Front Tire Size	12.00-20-28PR
Rear Tire Size	12.00-20-28PR
Number of Wheels (Front/Rear) (x=Drive Wheels)	4x/2
b ₁₀ Front Tread	78 in.
b ₁₁ Rear Tread	77.4 in.

PERFORMANCE

Travel Speed (Loaded/Unloaded)	16/18 mph
Lift Speed (Loaded/Unloaded)	71/82 fpm
Lowering Speed (Loaded/Unloaded)	78.7/78.7 fpm
Max. Gradeability (Loaded/Unloaded)	28/30 %
Drawbar Pull	31,923 LBS

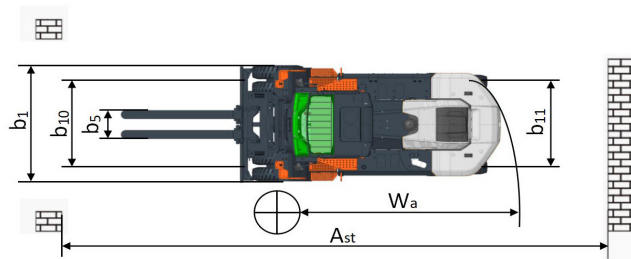


DIMENSIONS

Mast Tilt (FWD/REV)	6/12 deg
h ₁ Height (Upright Lowered), Std. 2-stage Mast	151.7 in
Free Lift, Std. 2-stage Mast	N-A
h ₃ Max. Fork Height, Std. 2-stage Mast	157.7 in
h ₄ Height (Upright Extended), Std. 2-stage Mast	229.9 in
h ₆ Overhead Guard Height	131.1 in
Coupling Height	23.6 in
l ₂ Length to Fork Face, Std. 2-stage Mast	234.3 in
b ₁ Overall Width	104.8 in
Fork Dimensions (Thickness/Width/Length)	4.3x7.9x96 in
Fork Carriage (ISO 2328, Class/Type A, B)	Class V
Fork Carriage Width	102 in
b ₅ Fork Spread (Min./Max.)	26/788.6 in
Ground Clearance (Loaded, Below Mast)	10.4 in
m ₂ Ground Clearance (Center of Wheel-base)	11.4 in
A _{st} Aisle Width (for 1,000x1,200 Pallets, Crossways)	358.7 in
A _{st} Aisle Width (for 800x1,200 Pallets, Lengthways)	/
W _a Turning Radius	220.5 in

SYSTEMS

Engine Manufacturer	Cummins
Engine Type	B7
Emission Regulation	T4F/EU Stage V
Engine Power	200 hp/ 2200 rpm
Engine Max. Torque	890/1200 N·m/rpm
Fuel Tank Capacity	52.8 Gallons
Shifting Mode	Hydromechanical
Working Pressure	24.5 MPa
Service Brake/Parking Brake	Electric Hydraulic



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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.

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