

HELI • ENGINE POWERED FORKLIFT • CPCD140-160-180



STANDARD SPECIFICATIONS		CPCD140	CPCD160	CPCD160 (1200)	CPCD180
CHARACTERISTICS					
Load capacity	kg	14.000	16.000	16.000	18.000
Load center	mm	900	900	1.200	1.200
Power		Diesel	Diesel	Diesel	Diesel
Standard lifting height	mm	3.000	3.000	3.000	4.000
Free lift	mm	0	0	0	1.900
Overall length (with forks)	mm	7.250	7.250	8.380	8.380
Overall length (to face of forks)	mm	5.430	5.430	5.980	5.980
Overall height (mast lowered/raised)	mm	3.300/4.545	3.300/4.545	3.300/4.545	3.800/5.890
Overall width	mm	2.560	2.560	2.560	2.560
Unladen weight	mm	22.500	23.500	24.700	25.700
Lateral fork adjustment (outside of fork)		900-2.150	900-2.150	900-2.150	900-2.150
Max. side shift distance	mm	+/-312.5	+/-312.5	+/-312.5	+/-312.5
WHEELS & TIRES					
Tire type		Pneumatic	Pneumatic	Pneumatic	Pneumatic
Tire size front		12.00-24-20PR	12.00-24-20PR	12.00-24-20PR	12.00-24-20PR
Tire size rear		12.00-20-20PR	12.00-20-20PR	12.00-20-20PR	12.00-20-20PR
Number of wheels (X=driven) front/rear		4x/2	4x/2	4x/2	4x/2
Wheel base	mm	3.650	3.650	4.000	4.000
PERFORMANCE					
Min. outer turning radius	mm	4.970	4.970	5.600	5.600
Travel speed without load	km/h	30	30	30	30
Lifting speed with/without load	mm/s	320/390	320/390	320/360	320/360
Max. drawbar pull with load	kN	115	115	115	115
Max gradeability with/without load	%	28/22	28/22	28/22	28/22
BRAKES					
Service brake		Wet Disc brake	Wet Disc brake	Wet Disc brake	Wet Disc brake
Parking brake		Caliper Disc brake	Caliper Disc brake	Caliper Disc brake	Caliper Disc brake
TRANSMISSION					
Type		ZF 3W G171	ZF 3W G171	ZF 3W G171	ZF 3W G171
Number of speed (fwd/Rvs)		3/3	3/3	3/3	3/3
FRONT AXLE					
Type		KESSLER	KESSLER	KESSLER	KESSLER
HYDRAULICS					
Type		REXROTH	REXROTH	REXROTH	REXROTH

OPTIONAL EQUIPMENT & ACCESSORY

length of forks, solid tires, customized color, side shift, fork positioning, ...

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ENGINES CPCD140 / CPCD160 & CPCD160 (1200) / CPCD180

		CUMMINS 6BTA5.9	CUMMINS QSB6.7
Power type		Diesel	Diesel
Rated horsepower	kW(Ps)/rpm	138 Kw/ 2.400 rpm	142 Kw/ 2.400 rpm
Rated torque	N.m(kg.m)/rpm	746 N.m/ 1.500 rpm	930 N.m/ 1.500 rpm
Number of cylinders		6	6
Displacement	cm³	5.880	5.880
Fuel tank capacity	L	120	120



• low consumption engines •

MAST DIMENSIONS

Lifting height	CPCD140 & CPCD 160		CPCD180
	DUPLEX MAST*		DUPLEX MAST
	Lowered height	Free lift	
3.000 mm	3.300 mm	/	
3.500 mm	3.550 mm	/	
4.000 mm	3.800 mm	/	3.800 mm
4.500 mm	4.050 mm	/	
5.000 mm	4.350 mm	/	
5.500 mm	4.600 mm	/	
6.000 mm	4.900 mm	/	
6.500 mm	5.150 mm	/	



• superior steering axle •



• Clear digital instruments •

*Duplex full free mast is optional