

HELI • ENGINE POWERED FORKLIFT • CPCD280-300-320



STANDARD SPECIFICATIONS		CPCD280	CPCD300	CPCD320
CHARACTERISTICS				
Load capacity	kg	28.000	28.000	28.000
Load center	mm	1.200	1.200	1.200
Power		Diesel	Diesel	Diesel
Standard lifting height	mm	4.000	4.000	4.000
Free lift	mm	0	0	0
Overall length (with forks)	mm	9.200	9.200	9.200
Overall length (to face of forks)	mm	6.800	6.800	6.800
Overall height (cab)		3.930	3.930	3.930
Overall height (mast lowered/raised)	mm	4.120/6.150	4.120/6.150	4.120/6.150
Overall width	mm	3.450	3.450	3.450
Unladen weight	mm	40.000	41.500	430.000
Lateral fork adjustment (outside of fork)		1.350-2.850	1.350-2.850	1.350-2.850
Max. side shift distance	mm	+/-452.5	+/-452.5	+/-452.5
WHEELS & TIRES				
Tire type		Pneumatic	Pneumatic	Pneumatic
Tire size front		16.00-25-32PR	16.00-25-32PR	16.00-25-32PR
Tire size rear		16.00-25-32PR	16.00-25-32PR	16.00-25-32PR
Number of wheels (X=driven) front/rear		4x/2	4x/2	4x/2
Wheel base	mm	4.650	4.650	4.650
PERFORMANCE				
Min. outer turning radius	mm	6.395	6.395	6.395
Travel speed with/without load	km/h	25/26	25/26	25/26
Lifting speed with/without load	mm/s	280/310	280/310	270/310
Max. drawbar pull with load	kN	250	250	250
Max. gradeability with load	%	22	21	19
BRAKES				
Service brake		Wet brake	Wet brake	Wet brake
Parking brake		Caliper Disc brake	Caliper Disc brake	Caliper Disc brake
TRANSMISSION				
Type		ZF 3WG211	ZF 3WG211	ZF 3WG211
Number of speed (fwd/Rvs)		3/3	3/3	3/3
FRONT AXLE				
Type		KESSLER	KESSLER	KESSLER
HYDRAULICS				
Type		PARKER	PARKER	PARKER

OPTIONAL EQUIPMENT & ACCESSORY

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

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ENGINES CPCD280 & CPCD300 & CPCD320

		VOLVO TAD721VE	VOLVO TAD750VE
Power type		Diesel	Diesel
Rated horsepower	kW(Ps)/rpm	195 Kw/ 2.300 rpm	181 Kw/ 2.300 rpm
Rated torque	N.m(kg.m)/rpm	900 N.m/ 1.400 rpm	1.050 N.m/ 1.500 rpm
Number of cylinders		6-108X130	6-108X130
Displacement	cm³	7.150	7.150
Fuel tank capacity	L	200	200



• low consumption engines •

MAST DIMENSIONS CPCD280 & CPCD300 & CPCD 320

	DUPLEX MAST*	
Lifting height	Lowered height	Free lift
4.000 mm	4.120	/

*Duplex full free mast is optional



• superior steering axle •



• Clear digital instruments •