



# Nykei

Lifts you up!

Reachstackers • Forklifts • Mobile Cranes • Port Equipment  
Trucks • Spare Parts • After Sales Service & Maintenance

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## HELI

• ENGINE POWERED FORKLIFT •  
**CPCD100**



### STANDARD SPECIFICATIONS

### CPCD100

#### CHARACTERISTICS

Load capacity	kg	10.000
Load center	mm	600
Power		Diesel
Standard lifting height	mm	3.000
Free lift	mm	210
Overall length (with forks)	mm	5.480
Overall length (to face of forks)	mm	4.260
Overall height (overhead guard)	mm	2.560
Overall width	mm	2.165
Unladen weight	mm	12.510

#### WHEELS & TIRES

Tire type		Pneumatic
Tire size front		9.00-20-14PR
Tire size rear		9.00-20-14PR
Number of wheels (X=driven) front/rear		4x/2
Wheel base	mm	2.800

#### PERFORMANCE

Inner/outer turning radius	mm	200/3.900
Travel speed (fwd/rvs) with/without load	km/h	26/30
Lifting speed with/without load	mm/s	310/350
Lowering speed with/without load	mm/s	≤ 600/≥300
Drawbar pull with/without load	kg	58
Gradeability with/without load	%	21/20

#### BRAKES

Service brake	Hydraulic - foot pedal
Parking brake	Mechanical - hand lever

#### TRANSMISSION

Type	2-2 Power shift
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#### OPTIONAL EQUIPMENT & ACCESSORY

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



• low consumption engines •



• superior steering axle •



• Clear digital instruments •



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## ENGINES CPCD100

		PERKINS 1104D-44TA	ISUZU 6BG1	CHAO YANG 6102
Power type		Diesel	Diesel	Diesel
Rated horsepower	kW(Ps)/rpm	83 Kw/ 2.200 rpm	80,9 Kw/ 2.500 rpm	81 Kw/ 2.500 rpm
Rated torque	N.m(kg.m)/rpm	418 N.m/ 1.400 rpm	410 N.m/ 1.700 rpm	353 N.m/ 1.650 rpm
Number of cylinders		4	6	6
Displacement	cm <sup>3</sup>	4.400	6.490	5.785
Fuel tank capacity	L	140	140	140

## MAST DIMENSIONS CPCD100 (not exhaustive)

Lifting height	DUPLEX MAST	
	Lowered height	Free lift
3.000 mm	2.850 mm	/
3.500 mm	3.100 mm	/
4.000 mm	3.400 mm	/
4.500 mm	3.650 mm	/
5.000 mm	3.900 mm	/
5.500 mm	4.200 mm	/
6.000 mm	4.450 mm	/

Lifting height	TRIPLEX MAST		SIDE SHIFTER ON 10T FREE LIFTING MAST	
	Lowered height	Free lift	Lifting height	Lowered height
3.600 mm	2.570 mm	1.310 mm	3.600 mm	2.570 mm
4.000 mm	2.700 mm	1.440 mm	4.000 mm	2.700 mm
4.800 mm	2.970 mm	1.710 mm	4.800 mm	2.970 mm
5.000 mm	3.035 mm	1.775 mm	5.000 mm	3.035 mm
5.400 mm	3.225 mm	1.965 mm	5.400 mm	3.225 mm
6.000 mm	3.425 mm	2.165 mm	6.000 mm	3.425 mm
6.500 mm	3.595 mm	2.335 mm		