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CHL PROMAT Products Guide

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Products Guide



Electric Forklift Four Wheel

- Modular design, easy maintenance.
- On-board charger option.
- Optimized control strategy, with overload, overheat, overcharge.



Item	Four wheel Forklift(Lithium-ion)80V (3000-3500 lbs. Capacity)		Four wheel Forklift(Lithium-ion) 80V (4000-7000 lbs. Capacity)				
Identification							
Model Designation		CPD15	CPD18	CPD20	CPD25	CPD30	CPD35
Load Capacity	lbs	3000	3500	4000	5000	6000	7000
Load Center	in	24	24	24	24	24	24
Dimensions							
Overhead Guard Height	in	83.9		85.4		85.8	
Overall length(without fork)	in	86.6		95.7		101.1	101.3
Overall Width	in	44.1		46.5		49.6	
Min.outside turning radius	in	75.6		84.3		88	
Wheels, Chassis							
Tyre (front)		6.50-10-10PR		7.00-12-14PR		28×9-15-14PR	
Tyre (rear)		16×6-8-10PR		18×7-8-14PR		18×7-8	
Tyre Type		Pneumatic tyre		Pneumatic tyre		Front Pneumatic tyre/Rear Solid tire	
Weight							
Total weight (with/without battery)	lbs	6294/5897	6548/6151	7904/7485	8653/8234	10031/9502	10714/10185
Performance							
Travel Speed,loaded/unloaded	mph	9/9.3		9/9.3		9/9.3	
Lifting speed, loaded/unloaded	fpm	42.9/59.0	38.9/59.0	42.9/59.0	38.9/59.0	42.9/59.0	42.9/59.0
Max. gradeability(loaded/unloaded)	%	17/27	15/26	17/26	15/25	17/26	15/23
Battery Voltage/rated capacity(5h)	V/Ah	80/150		80/202		80/250	
Drive Motor - 60 Min. Rating	HP	10.7		14.8		20.1	
Pump Motor - 15 Min. Rating	HP	14.2		16.1		21.5	
Drive Motor Control Method		MOSFET/AC	MOSFET/AC	MOSFET/AC	MOSFET/AC	MOSFET/AC	MOSFET/AC
Controls		inmotion	inmotion	inmotion	inmotion	inmotion	inmotion

Electric Forklift Three Wheel (Dual-drive)

- Full hydraulic priority steering system.
- High-precision Angle potentiometer, make steering more sensitive and accurate.
- All LED lights, long life and more energy saving.



Item	Three Wheel Forklift (Li-ion) 80V (3000-4000 lbs. Capacity)				
Identification					
Model		CPD15S	CPD16S	CPD18S	CPD20S
Load capacity	lbs	3000	3200	3500	4000
Load center	in	24	24	24	24
Battery compartment size	in	38.98×20.94×17.32	38.98×20.94×17.32	38.98×25.20×17.32	38.98×25.20×17.32
Dimensions					
Overhead guard height	in	80	80	80	80
Overall length(without fork)	in	75.9	75.9	80.9	80.9
Overall Width	in	42	42	44	44
Min.outside turning radius	in	60.8	60.8	65.9	65.9
Wheels, Chassis					
Tire size(front)		18×7-8	18×7-8	200/50-10	200/50-10
Tire size(rear)		140/55-9	140/55-9	16x6-8	16x6-8
Tire type		SE	SE	SE	SE
Weight					
Total weight (with/without battery)	lbs	6380/5764	6457/5841	7095/6479	7326/6710
Performance					
Travel speed, loaded/unloaded	mph	10/10.6	10/10.6	10/10	10/10
Lifting speed, loaded/unloaded	fpm	88.6/128	88.6/128	80.7/118.1	78.7/118.1
Max. gradeability(loaded/unloaded)	%	22//30	22//30	22//30	22//30
Battery voltage/rated capacity (5h)	V/Ah	80/202	80/202	80/202	80/202
Drive motor - 60 min. rating	HP	7.4×2	7.4×2	7.4×2	7.4×2
Pump motor - 15 min. rating	HP	18.8	18.8	18.8	18.8
Drive motor control method		MOSFET/AC	MOSFET/AC	MOSFET/AC	MOSFET/AC
Controls		ZAPI	ZAPI	ZAPI	ZAPI

Warehouse Truck Pallet stacker

- AC motor maintenance free.
- ZF transmission, superior performance, high efficiency.
- Side operation mode, with small turning radius and wide view.
- Suitable for harsh environment.



Item	Electric pallet stacker(Lithium-ion battery)24V (3500 lbs Capacity)	
Identification		
Model		CDD16
Rated capacity	lbs	3500
Load center	in	24
Controller		CURTIS
Wheels		
Tyre type		Polyurethane
Tyre size,Driving wheel	Ø x w(in)	Ø9X3
Bearing wheelsize	Ø x w(in)	Ø3.1X2.8
Dimensions		
Lowered height	in	2.6
Overall length	in	70.2
Length to fork face	in	25
Overall width	in	45.2-60.9
Min. Turning radius	in	52.8
Performance		
Travelling speed,with/without load	mph	2.5/2.6
Lifting speed,with/without load	fpm	18/26.8
Max. gradeability laden/unladen	%	4/10
Service brake type		Electromagnetic brake
Drive motor,output S260 min.	HP	2(AC)
Lift motor rating at S315%	HP	3
Battery voltage/rated capacity	V/Ah	24/60(LFP)
Battery weight(±5%)	lbs	35

Warehouse Truck Pallet jack

- Extremely flexible.
- Very reliable.
- Integrated design and easy-maintenance.



Model		CBD15J	CBD20J
Loading capacity	lbs	3300	4400
Load center	in	24	24
Operating type		Walkie	Walkie
Wheels type		PU	PU
Max. lifting height	in	7.9	7.9
Overall fork width	in	21.7/27	21.7/27
Fork length	in	45	45
Overall length	in	61	61
Overall width	in	21.7/27	21.7/27
Overall height (With handle)	in	28.5/45.1	28.5/45.1
Min. turning radius	in	53	53
Min. aisle width for pallets 1000×1200	in	68.9	68.9
Travel speed	mph	2.6/2.8	2.6/2.8
Lift speed	fpm	-	-
Driving motor	hp	DC 1.02	DC 1.02
Battery voltage/capacity	V/Ah	24/20、24/30、24/40	48/15、48/20
Controller		CURTIS	CURTIS
Battery weight	lbs	12/15/18	15/18
Service weight with battery	lbs	304	330

LPG Forklifts Cushion Tire

- Driving comfort.
- Smooth operation and less noise.
- High performance hydraulic control functions.



Item		LPG Forklift-Cushion Tire (4000-6500 lbs. Capacity)			
Identification					
Model		CPYD20C	CPYD25C	CPYD30C	CPYD32C
Rated capacity	lbs	4000	5000	6000	6500
Load center	in	24	24	24	24
Dimensions					
Overall height (overhead guard)	in	83.0	83.0	83.0	83.0
Overall length (with fork/without fork)	in	128.7/92.5	136.8/94.5	140/97.8	141/99
Overall width (single tire)	in	42.0	42.0	44.0	44.0
Min. turning radius (exterior) (A single tire is the same double tires)	in	76	78.7	80.7	81.9
Weight					
Total weight	lbs	8466	9480	10725	11067
Wheels, Chassis					
Tire size (front/rear)	in	21×7-15/16×6-10.5		21×8-15/16×6-10.5	
Performance					
Max. traveling speed (loaded/unloaded)	mph	10.8/10.8			
Engine mode		KUBOTA WG2503			
Engine rated power	HP/rpm	GAS:57.4/2600 LPG:58.3/2600/GAS:64.3/2700 LPG:61.6/2700			
Engine rated torque	(lb.ft)/rpm	GAS:128.7/1400 LPG:120.7/1800/GAS:125.4/2400 LPG:123.9/1600			
Engine cylinder number		4			
Piston displacement	L	2.491/2.351			

LPG Forklifts Pneumatic Tire

- Extremely Reliable.
- High operation efficiency.
- Easy maintenance.



Item		LPG Forklift-Pneumatic(4000-7000 lbs. Capacity)			
Identification					
Model		CPYD20	CPYD25	CPYD30	CPYD35
Rated capacity	lbs	4000	5000	6000	7000
Load center	in	24	24	24	24
Dimensions					
Overall height (overhead guard)	in	83.5	83.5	84.3	84.3
Overall length (with fork/without fork)	in	136.2/100	144.9/102.8	150.1/108	150.4/108.3
Overall width (single tire)	in	45.7	45.7	48.2	48.2
Min. turning radius (exterior) (A single tire is the same double tires)	in	87.2	89.4	94.5	94.5
Weight					
Total weight	lbs	7275	8047	9414	10141
Wheels, Chassis					
Tire size (front/rear)	in	7.00-12-12PR/6.00-9-10PR		28×9-15-14PR/6.5-10-10PR	
Performance					
Max. traveling speed (loaded/unloaded)	mph	10.6/11.2		11.2/11.8	
Engine mode		Kubota WG2503			
Engine rated power	HP/rpm	GAS:57.4/2600,LPG:58.3/2600			
Engine rated torque	(lb.ft)/rpm	GAS:120.1/1800,LPG:128/1400			
Engine cylinder number		4			
Piston displacement	L	2.491			

Option: Dual fuel

Diesel Forklift Pneumatic Tire

- Excellent efficiency and more comfortable.
- Easy maintenance.
- Reliable casting steering axle.



Item	Four wheel Diesel Forklift(4000-7000 lbs Capacity)				
Identification					
Model		CPCD20	CPCD25	CPCD30	CPCD35
Rated capacity	lbs	4000	5000	6000	7000
Load center	in	24			
Wheel and Tyre					
Tyre Size(Front/Rear)		7.00-12-12PR/6.00-9-10PR		28x9-15-14PR/6.5-10-10PR	
Service Brake		Hydraulic-Foot Pedal			
Parking Brake		Mechanical-Hand Lever			
Dimensions					
Mast overall height	in	79	79	81	83
Max. lifting height(With backrest)	in	159	159	166	166
Overall height(Overhead guard)	in	85	85	86	86
Overall length(With/Withoutfork)	in	135/99	145/103	150/108	150/108
Overall width	in	46	46	48	48
Min. turning radius(Exterior)	in	87	90	94	94
Performance					
Travelling Speed (Loaded/Unloaded)	mph	11/12	11/12	45608	45608
Lifting Speed (Loaded/Unloaded)	fpm	90/94	79/83	90/94	79/83
Max. Gradeability (Loaded/Unloaded)	%	32/25	29/23	27/21	27/22
Engine Mode		Kubota Engine			
Engine Rated Power	hp/rpm	26.3/2400			
Engine Rated Torque	lb*ft/rpm	144/1600			

Diesel Rough Terrain Forklift

- Manual differential, reliable.
- Multi-gear transmission, high efficiency.
- Simple operation, two-wheel drive manual switch.



Item	Diesel Rough Terrain Forklift				
Identification					
Model		CPCD30-2	CPCD35-2	CPCD30-3	CPCD35-3
Rated capacity	lb.	6000	7000	6000	7000
Load center	in	24	24	24	24
Dimensions					
Overall height(overhead guard)	in	95	95	95	95
Overall length(with fork/without fork)	in	166/124	166/124	166/124	166/124
Overall width	in	63	63	63	63
Min. outside turning radius	in	141	141	141	141
Weight					
Total weight	lb.	11880	12540	12100	12870
Wheels, Chassis					
Tire size (front/rear)	in	14-17.5-16PR/10-15.5-10PR		14-17.5-16PR/10-15.5-10PR	
Performance					
Max. traveling speed(Load/Unloaded)	mph	12/11	12/11	15/14	15/14
Lifting speed, loaded/unloaded	fpm	100/110	83/89	100/110	83/89
Engine mode		Kubota V2403		Kubota V2607	
Engine rated power	HP/rpm	57/2400		50/2400	
Engine rated torque	(lb*ft)/rpm	144/1500		126/1500	