



North America PRODUCT CATALOGUE

CHL
MATERIALS HANDLING

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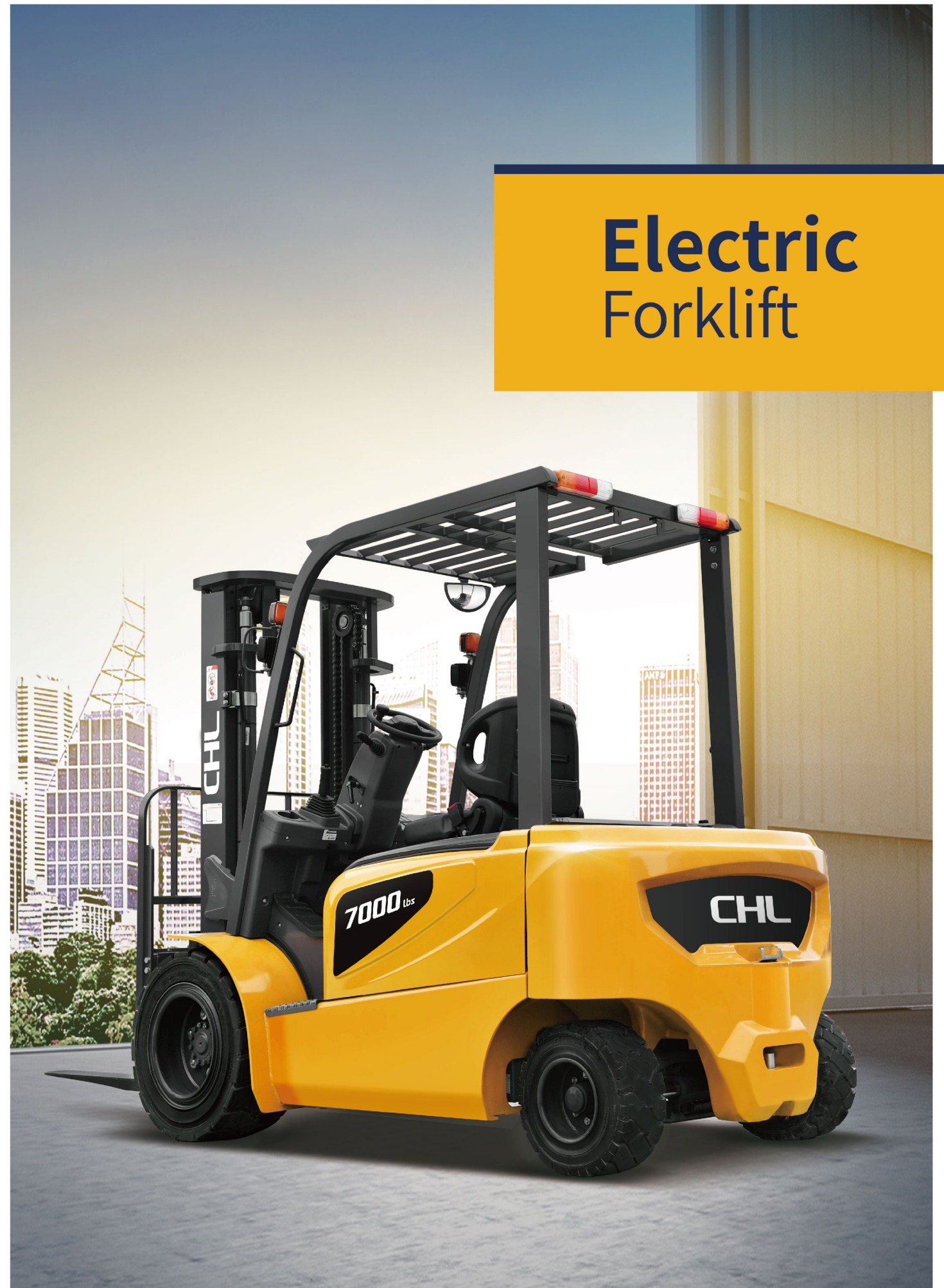
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North America

PRODUCT CATALOGUE



Electric Forklift



Electric Forklift-Four Wheel



Item		Four wheel Forklift(Lithium-ion)80V (3000-3600 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	3600	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		immotion	immotion	immotion	immotion	immotion	immotion
Lead acid optional		○	○	○	○	○	○

Note: ○ optional — non-configurable

Electric Forklift-Three Wheel (Dual-drive)



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
Lead acid optional		—	—	—	—

Note: ○ optional — non-configurable

Electric Forklift-Cushion Tire



Item		Four Wheel Li-ion Forklift (Cushion Tire) 80V (4000-6500 lbs. Capacity)				
Identification						
Model designation		CPD20C	CPD25C-1	CPD25C-2	CPD30C	CPD32C
Load capacity	lbs	4000	5000	5000	6000	6500
Load center	in	24	24	24	24	24
Battery compartment size	in	39.25×30.70×24.6	39.25×30.70×24.6	39.25x30.70x24.6	39.25×34.64×24.6	39.25×34.64×24.6
Dimensions						
Overhead guard height	in	88.5	88.5	88.5	88.5	88.5
Overall length(without fork)	in	84.8	85.2	89.2	91.4	92.2
Overall Width	in	42	42	44	44	44
Min.outside turning radius	in	72.6	73.0	77.8	79.6	80.2
Wheels, Chassis						
Tire size(front)		21x7-15	21x7-15	21x8-15	21x8-15	21x8-15
Tire (rear)		16x6-10.5	16x6-10.5	16x6-10.5	16x6-10.5	16x6-10.5
Tire type		Cushion	Cushion	Cushion	Cushion	Cushion
Weight						
Total weight (with/without battery)	lbs	12521/10121	13050/10650	13226/10826	13777/11377	11597/13997
Performance						
Travel speed, loaded/unloaded	mph	11.2/11.2	11.2/11.2	11.2/11.2	11.2/11.2	11.2/11.2
Lifting speed, loaded/unloaded	fpm	80.7/122	80.7/122	80.7/122	70.9/98.4	70.9/98.4
Max. gradeability(loaded/unloaded)	%	18/20	18/20	18/20	16/20	16/20
Battery voltage/rated capacity (5h)	V/Ah	80/271	80/271	80/404	80/404	80/404
Drive motor - 60 min. rating	HP	22.6	22.6	22.6	22.6	22.6
Pump motor - 15 min. rating	HP	28.6	28.6	28.6	28.6	28.6
Drive motor control method		MOSFET/AC	MOSFET/AC	MOSFET/AC	MOSFET/AC	MOSFET/AC
Controls		ZAPI	ZAPI	ZAPI	ZAPI	ZAPI
Lead acid optional		○	○	○	○	○

Note: ○ optional — non-configurable

Warehouse Truck
Pallet Truck



Warehouse Truck -Pallet Truck



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

NOTE: 150、Li2 Fork lowered height 3 in.

Warehouse Truck-Stacker



Model		CDD12	
Type		Straddle	
Mast type		Single mast	2-Stage STD
Loading capacity	lbs	2400(Rated traction weight)	
Load center	in	24	
Operating type		Walkie	
Wheels type		Polyurethane	
Lift height	in	63	79/98/118/138
Max. extend height	in	83	100/120/140/160
Mast lowered height	in	83	62/72/82/92
Overall length	in	70	
Overall width	in	45-61	
Min. turning radius	in	53	
Min. aisle width for pallets 1000×1200	in	87	
Travel speed	mph	2.48/2.61	
Lift speed	fpm	18.1/26.8	
Battery voltage/capacity	V/Ah	2×12/100	
Controller		CURTIS	
Battery weight	lbs	2×54	
Service weight with battery	lbs	1190	1272/1296/1320/1344

Warehouse Truck-Stacker



Model		CTD16
Type		Straddle
Mast type		Full free 3-stage
Loading capacity	lbs	3500
Load center	in	24
Operating type		Walkie
Wheels type		PU
Lift height	in	177.2/185.0/196.9/212.6
Max. extend height	in	196.7/204.7/216.5/236.2
Mast lowered height	in	81.2/83.9/87.8/93.0
Overall length	in	75.2
Overall width	in	31.5
Min. turning radius	in	59
Min. aisle width for pallets 1000×1200	in	79.9
Travel speed	mph	3.1/3.4
Lift speed	fpm	25.6/35.4
Battery voltage/capacity	V/Ah	24/270
Controller		ZAPI
Battery weight	lbs	539
Service weight with battery	lbs	3320

Warehouse Truck-Stacker



Model		CQDH15	
Type		Single Scissor With Platform (Magnetia-valve)	Double Scissors With Platform (Magnetic-Valve)
Mast type		-	-
Loading capacity	lbs	3000	2000
Load center	in	20	20
Operating type		Walkie(optional electric power steering)	Walkie(optional electric power steering)
Wheels type		PU	PU
lift height	in	98/118/138/157/177/197/217	118/138/157/177/197/217
Max.extend height	in	133/153/172/192/212/235/251	159/179/198/218/238/258
Mast lowered height	in	74/83/93/103/86/92/98	84/94/103/86/92/99
Overall length	in	93/94	100/101
Overall width	in	47/51/37	49/37
Min.outside turning radius	in	66.6/67.3	68.6/69.4
Min.Aisle width for pallets 1000×1200	in	111.6/112.9	112.6/113.5
Travel speed,laden/unladed	mph	2.98/3.11	2.98/3.11
Lift speed,laden/unladed	fpm	18.7/23.6	18.7/23.6
Battery voltage/capacity	V/Ah	24/320(460)	24/320(460)
Controller		-	-
Battery weight	lbs	570(720)	570(720)
Service weight with battery	lbs	4500/4600/4700/4700/5000/5100/5200	4660/4760/4760/
Reach distance	in	19.7	47.2

LPG Forklifts Cushion Tire



LPG Forklifts-Cushion Tire



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/Mitsubishi 4G64(PSI)			
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			
Option: Dual fuel					

LPG Forklifts Pneumatic Tire



LPG Forklifts-Pneumatic Tire



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 Rough Terrain Forklift



Diesel Rough Terrain Forklift



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/whithout 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	

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