

CPD15XS—CPD35XS

ELECTRIC FORKLIFTS

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INTRODUCTION:

©XS series products adopt wide vision mast design, with broad view in front; large handle-bar on board and large space driving cabin design, which is suitable for people of different heights; P, E, S three-speed adjustment, multi-grade performance mode according to the actual working conditions free choice; Through the new design so that the appearance of modeling, safety, comfort and reliability has been comprehensively improved, the performance of the whole vehicle has been substantially improved.



ADVANTAGES:

◎Good Stability

Advanced parallel layout of drive motor and lower located battery up to chassis bottom provide good stability to the truck.

◎Easy Maintenance

Full opened battery cover is easy for battery service and changing:

Convenient open airtight electric control cover keeps the electric control safe from rain and dust.

Optional configuration: The new concept design of the side-removal battery solution is safe and reliable, without lifting out the battery from the top notch of overhead guard, which can replace the battery quickly, efficiently and safely, suitable for heavy load, continuous work and other harsh working conditions.

◎Advanced and Reliable

High-frequency integrated controller to ensure smooth and accurate walking and lifting control, excellent speed regulation performance, good motor electric control matching performance, with regenerative braking, reverse braking, ramp anti-slip and other functions, safe and reliable.

Multi functions big LED dashboard provides running hours, battery power, and self diagnosis functions, and with high accuracy even in bad environment.

The whole machine passed the rain test IPX4, water-fording test and thermal equilibrium test.

Safety and Comfort

Emergency switch is standard specification which meets the Euro safety regulation.

Ergonomic improvements for comfortable operation. Both the steering column and seat can be adjusted easily, every operator can find the best driving position.

New designed wide view mast provides better forward view ability.

◎Service Ability

CE certificate is available

Strong Applicability
PES three-gear mode switching. P-gear is strong, E-gear is economical and S-gear is balanced, which can meet your needs for different speed or acceleration.



Full load speed 14km/h



Full load maximum climb 15%



Full load lifting speed 310mm/s



No-load lifting speed 430mm/s

Unlimited Endurance



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Stable reliable and durable

Important components have been tested by the market

Drive axle, steering axle, door frame market number is large, reliable and durable.

Lithium battery rigorous test verification

Protection grade >IP67, good protection; The use of active balanced BMS technology can effectively reduce the pressure difference of the battery, improve the consistency of the battery, and greatly improve the service life of the battery.

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Low temperature test



Rain test



Vibration test



Vibration test

Vehicle environment adaptability

The whole machine has passed various rigorous tests to meet the different needs of customers



CHARACTERISTICS		UNIT	CPD15-XS	CPD18-XS	CPD20-XS	CPD25-XS	CPD30-XS	CPD35-XS	
MODEL			CPD15-XS	CPD18-XS	CPD20-XS	CPD25-XS	CPD30-XS	CPD35-XS	
DRIVING MODE			seated	seated	seated	seated	seated	seated	
RATED CAPACITY	Q	kg	1500	1800	2000	2500	3000	3500	
LOAD CENTER DISTANCE	C	mm	500	500	500	500	500	500	
POWER MODE			lithium battery/lead acid battery						
WHEELBASE	L1	mm	1400	1400	1606	1606	1750	1780	
TYRE			Pneumatic/Pneumatic				Pneumatic/Solid		
FRONT TRACK	W3	mm	930	930	970	970	1006	1006	
REAR TRACK	W2	mm	910	910	970	970	986	970	
TYRE(FRONT)			6.50-10-12PR	6.50-10-12PR	7.00-12-14PR	7.00-12-14PR	28*9-15-14PR	28*9-15-14PR	
TYRE(REAR)			16*6-8-16PR	16*6-8-16PR	18*7-8-14PR	18*7-8-14PR	18*7-8	200/50-10	
SIZE			Size						
TILT OF THE MAST,FRONT/REAR	α/β		6/10	6/10	6/12	6/12	6/12	6/12	
HEIGHT,MAST RETRACTION	H1	mm	1995	1995	2000	2000	2070	2120	
FREE LIFT HEIGHT	H3	mm	155	155	150	150	155	160	
OVERHEAD GUARD HEIGHT	H4	mm	2140	2140	2170	2170	2180	2180	
FORK SIZE(LXWXT)	T*W*L4	mm	35*100*920	35*100*920	40*120*1070	40*120*1070	45*122*1070	45*122*1070	
TRUCK BODY LENGTH(FORK EXCLUDED)	L	mm	2185	2185	2385	2385	2545	2580	
TRUCK BODY WIDTH	W1	mm	1120	1120	1250	1250	1250	1250	
GROUND CLEARANCE UNDER MAST(LADEN)	H5	mm	110	110	110	110	130	130	
GROUND CLEARANCE AT CENTER OF	H6	mm	120	120	130	130	135	135	
WHEELBASE(LADEN)									
PERFORMANCE									
TRAVEL SPEED,LADEN/UNLADEN	km/h		14/14	14/14	14/14	14/14	14/14	14/14	
LIFTING SPEED,LADEN/UNLADEN	m/s		0.31/0.43	0.29/0.43	0.31/0.43	0.29/0.43	0.31/0.43	0.29/0.43	
LOWERING SPEED,LADEN/UNLADEN	m/s		0.4/0.4	0.4/0.4	0.45/0.5	0.45/0.5	0.47/0.5	0.47/0.5	
MAXIMUM NEGONIABLE GRADIENT	%		15/20	15/20	15/20	15/20	15/20	15/20	
LADEN/UNLADEN									
WEIGHT									
SERVICE MASS(WITH BATTERY)	kg		2800	2900	3670	3920	4500	5000	
BATTERY VOLTAGE /NOMINAL CAPACITY	V/Ah		80/150	80/150	80/206	80/206	80/206	80/280	
BATTERY WEIGHT	kg		245	245	260	260	330	330	
ELECTRICAL CONFIGURATION									
DRIVE MOTOR POWER-60 MINUTES	kW		8	8	10	10	12	12	
LIFT MOTOR POWER-15 MINUTES	kW		10	10	11.5	11.5	12	12	

* The Company reserves the right to change product design and specifications without prior notice.

Easy Maintenance



Excellent Applicability

P
E
S
Safe

