



UNIQUE PRODUCT:

- German Technology
- European Standard
- Imported battery
- Environmental Protection

Wise · Choice

Technical Parameter

Model		CPD10	CPD15	
Characteristic	Power type	Battery	Battery	
	Rated capacity	kg	1000	
	Load center	mm	500	
	Lift height	mm	3000	
	Fork size L×W×T	mm	920×100×35	
	Mast tilt angle F/R	o	6/12	
	Turning radius	mm	1800	
	Ground clearance	mm	100	
	Overhead guard height	mm	2130	
	Fork overhang	mm	422	
Performance	Max driving speeds (with load)	km/h	13	
	Max lifting speeds (with load)	mm/s	300	
	Max grade ability with load	%	13	
Dimensions	Overall length without forks	mm	2020	
	Overall width	mm	1070	
	Overall height fork raised (with backrest)	mm	4030	
	Mast height	mm	1995	
Chassis	Front tyres	6.50-10-10PR	6.50-10-10PR	
	Rear tyres	5.00- 8- 8PR	5.00- 8- 8PR	
	Wheelbase	mm	1250	
	Tread	mm	890/920	
	Self weight	kg	2800	
Drive	Battery	Voltage	V	48
		Capacity	Ah	400
	Motor	Traction motor	kw	7.5
		Lift motor	kw	8.2
	Controller	ZAPI	ZAPI	

Note: The technical parameters above are based on standard configuration of SME controller. If there is any requirements for other controllers, the said technical parameter should be in difference.



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Technical Parameter

Model		CPD20	CPD25	
Characteristic	Power type	Battery	Battery	
	Rated capacity	kg	2000	
	Load center	mm	500	
	Lift height	mm	3000	
	Fork size L×W×T	mm	1070×122×40	
	Mast tilt angle F/R	o	6/12	
	Turning radius	mm	2050	
	Ground clearance	mm	110	
	Overhead guard height	mm	2130	
	Fork overhang	mm	485	
Performance	Max driving speeds (with load)	km/h	13	
	Max lifting speeds (with load)	mm/s	240	
	Max grade ability with load	%	10	
Dimensions	Overall length without forks	mm	2365	
	Overall width	mm	1150	
	Overall height fork raised (with backrest)	mm	4030	
	Mast height	mm	1995	
Chassis	Front tyres	7.00-12-12PR	7.00-12-12PR	
	Rear tyres	18x7- 8-14PR	18x7- 8-14PR	
	Wheelbase	mm	1450	
	Tread	mm	960/950	
	Self weight	kg	3800	
Drive	Battery	Voltage	V	48
		Capacity	Ah	640
	Motor	Traction motor	kw	9.0
		Lift motor	kw	8.6
	Controller	ZAPI	ZAPI	

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Technical Parameter

Model		CPD30	CPD35		
Characteristic	Power type	Battery	Battery		
	Rated capacity	kg	3000	3500	
	Load center	mm	500	500	
	Lift height	mm	3000	3000	
	Fork size L×W×T	mm	1070×125×45	1070×125×45	
	Mast tilt angle F/R	o	6/12	6/12	
	Turning radius	mm	2250	2250	
	Ground clearance	mm	110	110	
	Overhead guard height	mm	2140	2140	
	Fork overhang	mm	485	485	
Performance	Max driving speeds (with load)	km/h	16	16	
	Max lifting speeds (with load)	mm/s	280	280	
	Max grade ability with load	%	15	15	
Dimensions	Overall length without forks	mm	2365	2500	
	Overall width	mm	1270	1270	
	Overall height fork raised (with backrest)	mm	4030	4030	
	Mast height	mm	1995	1995	
Chassis	Front tyres		28x9-15-12PR	28x9-15-12PR	
	Rear tyres		18x7-8-14PR	18x7-8-14PR	
	Wheelbase	mm	1680	1680	
	Tread	Front/Rear	mm	1000/950	1000/950
	Self weight		kg	4650	4870
Drive	Battery	Voltage	V	80	80
		Capacity	Ah	500	500
	Motor	Traction motor	kw	2×10.0	2×10.0
		Lift motor	kw	24	24
	Controller			SME	SME

Note: The technical parameters above are based on standard configuration of SME controller. If there is any requirements for other controllers, the said technical parameter should be in difference.



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Technical Parameter

Model		CPD40	CPD45	CPD50		
Characteristic	Power type	Battery	Battery	Battery		
	Rated capacity	kg	4000	4500	5000	
	Load center	mm	500	500	500	
	Lift height	mm	3000	3000	3000	
	Fork size L×W×T	mm	1070×150×50	1070×150×50	1070×150×50	
	Mast tilt angle F/R	o	6/12	6/12	6/12	
	Turning radius	mm	2800	2800	2800	
	Ground clearance	mm	110	110	110	
	Overhead guard height	mm	2260	2260	2260	
	Fork overhang	mm	500	500	500	
Performance	Max driving speeds (with load)	km/h	15	15	15	
	Max lifting speeds (with load)	mm/s	260	260	260	
	Max grade ability with load	%	20	20	20	
Dimensions	Overall length without forks	mm	3005	3005	3005	
	Overall width	mm	1580	1580	1580	
	Overall height fork raised (with backrest)	mm	4200	4200	4200	
	Mast height	mm	2190	2190	2190	
Chassis	Front tyres		28x12.5-15	28x12.5-15	28x12.5-15	
	Rear tyres		7.00-12	7.00-12	7.00-12	
	Wheelbase	mm	1980	1980	1980	
	Tread	Front/Rear	mm	1300/1180	1300/1180	1300/1180
	Self weight		kg	6800	7010	7250
Drive	Battery	Voltage	V	80	80	80
		Capacity	Ah	700	700	700
	Motor	Traction motor	kw	11×2	11×2	11×2
		Lift motor	kw	26	26	26
	Controller			SME	SME	SME

Note: The technical parameters above are based on standard configuration of SME controller. If there is any requirements for other controllers, the said technical parameter should be in difference.



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Technical Parameter

Model		CPDS10	CPDS15	CPDS18	
Characteristic	Power type	Battery	Battery	Battery	
	Rated capacity	kg	1000	1500	1800
	Load center	mm	500	500	500
	Lift height	mm	3000	3000	3000
	Fork size L×W×T	mm	920×100×35	920×100×35	920×100×35
	Mast tilt angle F/R	o	6/6	6/6	6/6
	Turning radius	mm	1620	1620	1620
	Ground clearance	mm	105	105	105
	Overhead guard height	mm	2120	2120	2120
	Fork overhang	mm	364	364	364
Performance	Max driving speeds (with load)	km/h	14.5	14.5	14.5
	Max lifting speeds (with load)	mm/s	420/300	420/300	420/300
	Max grade ability with load	%	15	15	15
Dimensions	Overall length without forks	mm	1830	1830	1830
	Overall width	mm	1070	1070	1070
	Overall height fork raised (with backrest)	mm	4210	4210	4210
	Mast height	mm	2200	2200	2200
Chassis	Front tyres		18x7-8	18x7-8	18x7-8
	Rear tyres		15x4.5-8	15x4.5-8	15x4.5-8
	Wheelbase	mm	1380	1380	1380
	Tread Front/Rear	mm	890/163	890/163	890/163
	Self weight	kg	3150	3300	3400
Drive	Battery Voltage	V	48	48	48
	Capacity	Ah	440	440	440
	Motor Traction motor	kw	6.5x2	6.5x2	6.5x2
	Lift motor	kw	12.0	12.0	12.0
	Controller		SME	SME	SME

Note: The technical parameters above are based on standard configuration of SME controller. If there is any requirements for other controllers, the said technical parameter should be in difference.

KM Free View Mast

Lift Height	Lifting Capability							Overall Height of Mast						Mast Tilt Angle		
	4-Fulcrum forklift				3-Fulcrum forklift			1-1.5t			2-2.5t			4-Fulcrum	3-Fulcrum	
	1t	1.5t	2t	2.5t	1t	1.5t	1.8t	Height of Mast, lowered	Height of Mast, extended Cargo with Frame	Height of Mast, extended Cargo without Frame	Height of Mast, lowered	Height of Mast, extended Cargo with Frame	Height of Mast, extended Cargo without Frame	F/R		
mm	kg	kg	kg	kg	kg	kg	kg	mm	mm	mm	mm	mm	mm	mm		
2000	1000	1500	2000	2500	1000	1500	1800	1490	2450	2010	1560	3020	2580	6/12	6/6	
2500	1000	1500	2000	2500	1000	1500	1800	1740	2950	2510	1810	3520	3080	6/12	6/6	
3000	1000	1500	2000	2500	1000	1500	1800	1990	3450	3010	2060	4020	3580	6/12	6/6	
3300	1000	1500	2000	2500	1000	1500	1800	2140	3750	3310	2210	4320	3880	6/12	6/6	
3500	1000	1500	2000	2500	1000	1500	1800	2240	3950	3510	2310	4520	4080	6/12	6/6	
3700	1000	1500	2000	2500	1000	1500	1800	2340	4150	3710	2410	4720	4280	6/12	6/6	
4000	1000	1500	2000	2500	1000	1500	1800	2490	4450	4010	2560	5020	4580	6/12	6/6	
4500	950	1300	1800	2000	850	1200	1400	2740	4950	4510	2810	5520	5080	6/6	6/6	
5000	850	1000	1300	1500	700	1000	1200	2990	5450	5010	3060	6020	5580	6/6	3/6	
5500	*950	*1350	*1700	*2200	500	700	800	3290	5950	5510	3360	6520	6080	3/6	3/6	
6000	*650	*1100	*1500	*1700	400	500	550	3545	6450	6010	3610	7020	6580	3/6	3/6	

ZM Two Stage Full Free View Mast

Lift Height	Lifting Capability							Overall Height of Mast						Free Lift				Mast Tilt Angle		
	4-Fulcrum forklift				3-Fulcrum forklift			1-1.5t			2-2.5t			1-1.5t		2-2.5t		4-Fulcrum	3-Fulcrum	
	1t	1.5t	2t	2.5t	1t	1.5t	1.8t	Height of Mast, lowered	Height of Mast, extended Cargo with Frame	Height of Mast, extended Cargo without Frame	Height of Mast, lowered	Height of Mast, extended Cargo with Frame	Height of Mast, extended Cargo without Frame	Cargo with Frame	Cargo without Frame	Cargo with Frame	Cargo without Frame	F/R		
mm	kg	kg	kg	kg	kg	kg	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	°
2000	1000	1500	2000	2500	1000	1500	1800	1490	2450	2010	1560	3020	2580	485	955	495	935	6/12	6/6	
2500	1000	1500	2000	2500	1000	1500	1800	1740	2950	2510	1810	3520	3080	735	1205	745	1185	6/12	6/6	
3000	1000	1500	2000	2500	1000	1500	1800	1990	3450	3010	2060	4020	3580	985	1455	995	1435	6/12	6/6	
3300	1000	1500	2000	2500	1000	1500	1800	2140	3750	3310	2210	4320	3880	1135	1605	1145	1585	6/12	6/6	
3500	1000	1500	2000	2500	1000	1500	1800	2240	3950	3510	2310	4520	4080	1235	1705	1245	1685	6/12	6/6	
3700	1000	1500	2000	2500	1000	1500	1800	2340	4150	3710	2410	4720	4280	1360	1830	1370	1810	6/12	6/6	
4000	1000	1500	2000	2500	1000	1500	1800	2490	4450	4010	2560	5020	4580	1535	2005	1545	1985	6/12	6/6	

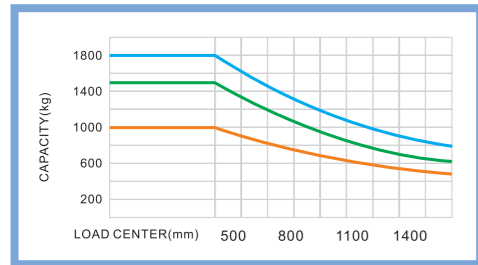
SM Three Stage Full Free View Mast

Lift Height	Lifting Capability							Overall Height of Mast						Free Lift				Mast Tilt Angle		
	4-Fulcrum forklift				3-Fulcrum forklift			1-1.5t			2-2.5t			1-1.5t		2-2.5t		4-Fulcrum	3-Fulcrum	
	1t	1.5t	2t	2.5t	1t	1.5t	1.8t	Height of Mast, lowered	Height of Mast, extended Cargo with Frame	Height of Mast, extended Cargo without Frame	Height of Mast, lowered	Height of Mast, extended Cargo with Frame	Height of Mast, extended Cargo without Frame	Cargo with Frame	Cargo without Frame	Cargo with Frame	Cargo without Frame	F/R		
mm	kg	kg	kg	kg	kg	kg	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	°
3600	1000	1500	2000	2500	1000	1500	1800	1790	2750	2310	1795	4620	4180	750	1190	755	1195	6/6	6/6	
4000	1000	1500	2000	2500	1000	1500	1800	1920	2880	2440	1920	5020	4580	880	1320	880	1320	6/6	6/6	
4500	900	1300	1850	2200	900	1300	1400	2050	3010	2570	2045	5370	4930	1000	1440	1005	1445	6/6	6/6	
4750	900	1200	1700	1800	800	1100	1300	2160	3120	2680	2160	5720	5280	1120	1560	1120	1560	6/6	6/6	
5000	800	1000	1500	1600	700	1000	1200	2290	3250	2810	2295	6020	5580	1150	1590	1255	1695	6/6	3/6	
5500	700	800	1200	1250	500	700	800	2420	3380	2940	2420	6420	5980	1380	1820	1380	1820	3/6	3/6	
6000	*800	*1100	*1700	*2100	450	600	800	2650	3610	3170	2645	7020	6580	1585	2025	1605	2045	3/6	3/6	

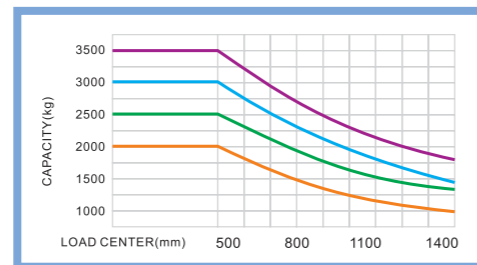
Note: * Means the rated weight capacity of double or widen front tire.

Loading Capacity Diagrams

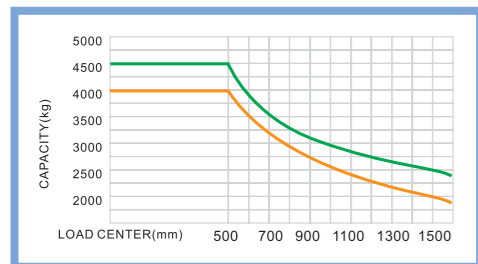
Note: The vertical axle shows the bearing weight, the horizontal axle shows the loading centre. The loading center calculates from fork's front. Standard loading center point is the cubic centre of 1000mm. When the fork pitches forward, the carrying capacity will decrease because using abnormal forks or overloaded. Through this graph, we can have a clear illusion about various bearing capacity at different cubic center.



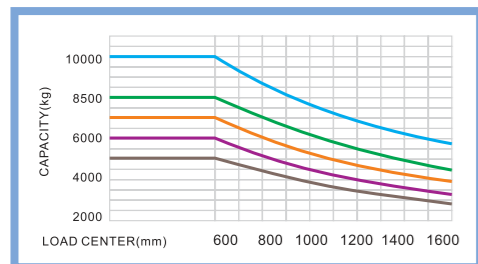
- CPC(D)10
- CPC(D)15
- CPD10
- CPDS10
- CPDS15
- CPDS18



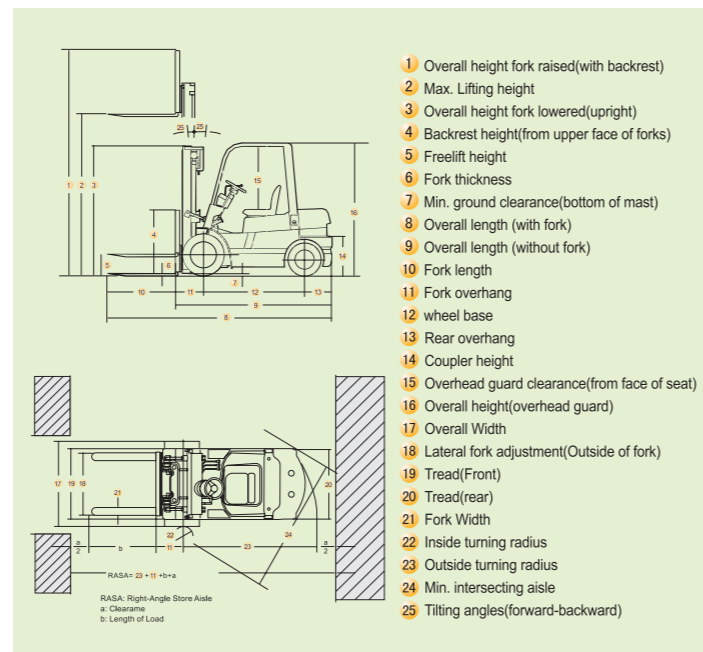
- CPC(D)20
- CPC(D)25
- CPC(D)30
- CPC(D)35
- CPD20
- CPD25



- CPC(D)40
- CPC(D)45



- CPCD50
- CPCD60
- CPCD70
- CPCD80
- CPCD100



The Parameter of Forklift's Engine

Manufacturer	CUMMINS	CUMMINS	CUMMINS	MITSUBISHI	ISUZU	ISUZU	ISUZU	CHINA	CHINA	CHINA	CHINA	CHINA	CHINA
Engine Type	Diesel	Diesel	Diesel	LPG	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Model	A2300	B3.3-C65	B3.3-C80	4G64	C240PKJ	4JG2PE	6BG1	C490BPG	A490BPG	A495BPG	A498BPG	WF4105G	CC6102BG
No. of Cylinders	4	4	4	4	4	4	6	4	4	4	4	4	6
Total Displacement	2.3	3.3	3.3	2.350	2.369	3.05	6.494	2.67	2.54	2.98	3.168	4.33	5.785
Rated Output (Kw/rpm)	37.5/2800	48.7/2600	60/2200	34.2/2200	34.5/2500	44.9/2450	82/2000	36.8/2650	37/2650	39/2500	45/2500	59/2400	73/2200
Rated Torque (Nm/rpm)	150/1600	214/1600	292/1600	159/1600	139/1800	184.7/1800	415/1560	156/1800	148/1800	168/1800	195/1800	270/1560	353/1600
Suitable Forklift	2-3T	3-4T	4-4.5T	2-3T	2-3T	3-4T	5-10T	2-3T	2-3T	3-3.5T	3-4T	4-6T	5-7T

Configuration

	Balanced Internal-combustion Forklift		Battery Forklift
	Manual Shift	Hydraulic Shift	
MOSFET Controller	—	—	○
Oil Stick	—	○	—
Standard Fork	○	○	○
Standard Seat	○	○	○
Charging Signal	○	○	—
Cargo Protecting Shelf	○	○	○
Backup Light	○	○	○
Backup Buzzer	○	○	○
Backup Mirror	○	○	○
Lighting Switches	○	○	○
Electronic Horn	○	○	○
Double piece multiple-way valve	○	○	○
Engine Choke	○	○	—
Backup Light Set	○	○	○
Top Shield of Rain-proof Covering	○	○	—
Durable Tire With Pattern	○	○	○
Hour Meter	○	○	○
High Visibility Mast	○	○	○
Guycable parking Brake	○	○	○
Lift-leaning Joy Stick	○	○	○
Lifting Speed Limiting valve	○	○	○
Towing Pin	○	○	○
Front Spotlight	○	○	○
Lean and Adjustable Steepling Wheel	○	○	○
Tilt Oilway lockvalve	○	○	○
Hydraulic Turning	○	○	○
Top Ventilation Device	○	○	—
Joy Stick	○	○	○
Hand Brake	—	—	○
Water Temperature Meter	○	○	—
Tool Kits	○	○	○
Rubber Footplate Mat	○	○	○
Accumulator Pile	—	—	○
Cyclone-type Air Cleaner	○	○	—

	Balanced Internal-combustion Forklift		Battery Forklift
	Manual Shift	Hydraulic Shift	
Hand-type Compact Panel	○	○	—
LCD cluster Gauge	—	—	○
Hydraulic Oil-return Filtration core	○	○	○
Hydraulic Oil-collection Filtration core	○	○	○
Hydraulic Oil-collection staff gauge	○	○	○
Oil Pressure Warning	○	○	—
Key Switch	○	○	○
Detent	○	○	○
Turning Light	○	○	○
Side-moving Diverse	○	○	○
Carrying Ram	○	○	○
Wind Grass	○	○	○
Lifting Hook	○	○	○
Two Stage Free Lift Mast	○	○	○
Lofty Seat	○	○	○
Emission equipment	○	○	○
Long Fork	○	○	○
Long Fork Cover	○	○	○
Driving Room	○	○	○
Warm Air Blower in Driving room	○	○	○
Smoke Cleaner Muffler	○	○	—
Domestic Battery Set	—	—	○
Fire Extinguisher Nuffer	○	○	○
Jack-up Arm	○	○	○
Tumble Fork	○	○	○
Three Stage Free Lift Mast	○	○	○
Solid Tire	○	○	○
Twin-Air Filter	○	○	○
Police Light	○	○	○
Optional Color	○	○	○
Paper Roll Clamps	○	○	○
Coloured tire(White,Green)	○	○	○

○: Equipment available —: Equipment unavailable

1-10t Fork Data Sheet

Standard Equipment L x W x T mm	Width W mm	Thick T mm	Length L mm														Suitable Forklift
			770	*920	1070	1220	1370	1520	—	—	—	—	—	—	—	—	
920x100x35	100	35	770	*920	1070	1220	1370	1520	—	—	—	—	—	—	—	—	1t
920x100x35	100	35	770	*920	1070	1220	1370	1520	—	—	—	—	—	—	—	—	1.5t
1070x122x40	122	40	770	920	*1070	1220	1370	1520	1670	1820	1970	—	—	—	—	—	2t
1070x122x40	122	40	770	920	*1070	1220	1370	1520	1670	1820	1970	—	—	—	—	—	2.5t
1070x125x45	125	45	770	920	*1070	1220	1370	1520	1670	1820	1970	—	—	—	—	—	3t
1070x125x50	125	50	770	920	*1070	1220	1370	1520	1670	1820	1970	—	—	—	—	—	3.5t
1070x125x50	150	55	770	920	*1070	1220	1370	1520	1670	1820	1970	—	—	—	—	—	4t
1070x150x55	150	55	770	920	*1070	1220	1370	1520	1670	1820	1970	—	—	—	—	—	4.5t
1220x150x55	150	55	770	920	1070	*1220	1370	1520	1670	1820	1970	2120	2270	2420	2570	—	5t
1220x150x60	150	60	770	920	1070	*1220	1370	1520	1670	1820	1970	2120	2270	2420	2570	—	6t
1220x150x65	150	65	770	920	1070	*1220	1370	1520	1670	1820	1970	2120	2270	2420	2570	—	7t
1220x170x70	170	70	770	920	1070	*1220	1370	1520	1670	1820	1970	2120	2270	2420	2570	—	8t
1220x175x80	175	80	770	920	1070	*1220	1370	1520	1670	1820	1970	2120	2270	2420	2570	—	10t



Single Pallet Handlers



Multi Pallet Handlers



Side Shift



Bale Clamp



Rotating Roll Clamp



Large Surface Clamp



Rotating Clamp



Fork Positioner



Push-pull with Sheet Saver

Optional Attachments

- High-visibility Two Stage Free Lift Mast
- High-visibility Three Stage Free Lift Mast
- Widen Fork Carriage
- Lengthen Fork
- Lengthen Fork extension

- Side Shift
- Hinged Fork/Hinged bucket
- Paper Roll Clamps
- Circumrotatory Fork
- Multi-use Drum Bucket

- Load Stabilizer
- Load Pusher
- Carpet boom
- Crane Jib
- Circumrotatory Horizontal Clamps

CUSTOMER SATISFACTION SURVEY

Company Name:
 Company Address:
 Contact person:
 E-mail:
 Forklift type: _____ Purchase date: _____

Survey Questions:

1.About Products

- Q1:Please rate the performance of forklift.
 A. Excellent B. Very Good C. Good D. Fair E. Poor
- Q2:Please give some advice for the performance of forklift.
- Q3:How long do you have to change the parts of forklift?
 A. Within warranty time B. one year C. two/three years D. more than three years
- Q4:Please rate the price and quality of parts.
 Unsatisfactory
 A. Very satisfactory B. Satisfactory C. Average D. Unsatisfactory
- Q5:What aspects of products could be improved?

2.About Service

- Q1:Please rate the courtesy of sales and service advisor.
 A. Very satisfactory B. Satisfactory C. Average D. Unsatisfactory
- Q2:How would you rate the sales advisor's overall knowledge of your problem or question?
 A. Excellent B. Very Good C. Good D. Fair E. Poor
- Q3:Please rate the promptness of delivery.
 A. Very satisfactory B. Satisfactory C. Average D. Unsatisfactory
- Q4:In regard to customer service center,please rate the quality of work performed.
 A. Very satisfactory B. Satisfactory C. Average D. Unsatisfactory
- Q5:Overall, how satisfied are you with the customer service?
 A. Very satisfactory B. Satisfactory C. Average D. Unsatisfactory
- Q6:What aspects of service could be improved?

3.About purchase

- Q1:Would you wanna order new forklifts? A. Yes B. No C. No idea
- Q2:Would you recommend our forklifts to a friend or relative ?
 A. Yes B. No C. No idea

Signature: _____ Date: _____

Please feedback by Fax or Mail.Thank you for your cooperation.
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