

1.5-2.5ton K series diesel counterweight forklift



1. The appearance is simple, beautiful and generous
2. New steering wheel improves operating comfort and reliability
3. High top and large diameter air intake system design, keep the engine away from dust, effectively improve engine performance and service life
4. Wide view gantry design makes the driver's line of sight wider
5. Liquid crystal digital instrument, friendly man-machine interface, easy for drivers to accurately control the state of the vehicle

Product parameter

型号	Model		FD15	FD20	FD25
额定载荷	Rated lifting load	kg	1500	2000	2500
载荷中心距	Load center distance	mm	500		
自由起升高度	Free lifting height	mm	100	150	
全长 (货叉/不带货叉)	overall length (With fork/Without fork)	mm	3180/2260	3422/2502	3646/2576
全宽	Width	mm	1090	1170	
全高 (护顶架)	Overhead guard height	mm	2050	2070	
轴距	Wheelbase	mm	1400	1600	
最小离地间隙 (门架处)	Minimum ground clearance	mm	110		
门架倾角 (前/后)	Mast tilt angle (front/rear)	%	6° /12°		
轮胎尺寸 (前)	Tire no. (before)		6.5-10-10PR	7.00x12-12PR	
轮胎尺寸 (后)	Tire no. (after)		5.00-8-10PR	6.00x9-10PR	
最小转弯半径外侧	Minimum turning radius (outer side)	mm	1950	2170	2240
最小直角通道宽度	Minimum right angle aisle width	mm	3630	3900	3970
货叉尺寸(长x宽x厚)	Fork size	mm	920 × 100 × 35	1070X100X45	
最高行驶速度 (满载/空载)	maximum working speed(Full-load/No-load)	km/h	14/15	17/19	
最大起升速度 (满载/空载)	maximum lifting speed(Full-load/No-load)	mm/s	500/480	530/550	
最大爬坡度 (满载/空载)	maximum gradeability(Full-load/No-load)	%	20/21		
整机重量	Forklift weight	kg	2900	3320	3680
发动机	Engine model		全柴Quanchai/B02-082	全柴Quanchai4C2-50V32(国三)/ 全柴Quanchai4C2-50C41(京四)	

3.0-3.8ton K series diesel counterweight forklift



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Product parameter

型号	Model		FD30	FD35	FD38
额定载荷	Rated lifting load	kg	3000	3500	3800
载荷中心距	Load center distance	mm	500		
自由起升高度	Free lifting height	mm	160		
全长 (货叉/不带货叉)	overall length (With fork/Without fork)	mm	3752/2682	3763/2693	3963/2893
全宽	Width	mm	1225		
全高 (护顶架)	Overhead guard height	mm	2090		
轴距	Wheelbase	mm	1700		
最小离地间隙 (门架处)	Minimum ground clearance	mm	135		
门架倾角 (前/后)	Mast tilt angle (front/rear)	%	6° /12°		
轮胎尺寸 (前)	Tire no. (before)		28×9-15-14PR		
轮胎尺寸 (后)	Tire no. (after)		6.5-10-10PR		
最小转弯半径外侧	Minimum turning radius (outer side)	mm	2400	2420	2710
最小直角通道宽度	Minimum right angle aisle width	mm	4260	4260	4720
货叉尺寸(长x宽x厚)	Fork size	mm	1070X125X45	1070X125X50	1070×150×50
最高行驶速度 (满载/空载)	maximum working speed(Full-load/No-load)	km/h	18/19	19/19	
最大起升速度 (满载/空载)	maximum lifting speed(Full-load/No-load)	mm/s	440/480	330/370	340/380
最大爬坡度 (满载/空载)	maximum gradeability(Full-load/No-load)	%	15/20		
整机重量	Forklift weight	kg	4250	4500	4800
发动机	Engine model		全柴Quanchai4C2-50V32(国三)/全柴Quanchai4C2-50C41(京四)		

3.0-3.8ton K series diesel counterweight forklift



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Product parameter

型号	Model		FD30	FD35	FD38
额定载荷	Rated lifting load	kg	3000	3500	3800
载荷中心距	Load center distance	mm	500		
自由起升高度	Free lifting height	mm	160		
全长 (货叉/不带货叉)	overall length (With fork/Without fork)	mm	3752/2682	3763/2693	3963/2893
全宽	Width	mm	1225		
全高 (护顶架)	Overhead guard height	mm	2090		
轴距	Wheelbase	mm	1700		
最小离地间隙 (门架处)	Minimum ground clearance	mm	135		
门架倾角 (前/后)	Mast tilt angle (front/rear)	%	6° /12°		
轮胎尺寸 (前)	Tire no. (before)		28×9-15-14PR		
轮胎尺寸 (后)	Tire no. (after)		6.5-10-10PR		
最小转弯半径外侧	Minimum turning radius (outer side)	mm	2400	2420	2710
最小直角通道宽度	Minimum right angle aisle width	mm	4260	4260	4720
货叉尺寸(长x宽x厚)	Fork size	mm	1070X125X45	1070X125X50	1070×150×50
最高行驶速度 (满载/空载)	maximum working speed(Full-load/No-load)	km/h	18/19	19/19	
最大起升速度 (满载/空载)	maximum lifting speed(Full-load/No-load)	mm/s	440/480	330/370	340/380
最大爬坡度 (满载/空载)	maximum gradeability(Full-load/No-load)	%	15/20		
整机重量	Forklift weight	kg	4250	4500	4800
发动机	Engine model		全柴Quanchai4C2-50V32(国三)/全柴Quanchai4C2-50C41(京四)		

K series forklift equilibrium weight 4.0 T internal combustion



1. Simple, beautiful and generous appearance, strict environmental protection design;
2. Wide field of view enhanced gantry design, the driver has a wider field of view, high reliability
3. High top type large diameter air intake channel design, effectively play the performance of the engine
4. Professional enhanced high speed gearbox design, more powerful, faster operation speed, higher efficiency
5. Integral drawing machine cover, beautiful appearance, high strength
6. Configure wide tires, tire life is greatly increased, durable
7. Reliable professional digital instrumentation, friendly human-machine interface, easy to accurate control of the vehicle driver status:
8. New steering wheel mechanism improves operating comfort and reliability

Product Parameter

型号	Model		FD40
额定载荷	Rated lifting load	kg	4000
载荷中心距	Load center distance	mm	500
自由起升高度	Free lifting height	mm	150
全长 (货叉/不带货叉)	overall length (With fork/Without fork)	mm	4000/2930
全宽	Width	mm	1290
全高 (护顶架)	Overhead guard height	mm	2180
轴距	Wheelbase	mm	1900
最小离地间隙 (门架处)	Minimum ground clearance	mm	140
门架倾角 (前/后)	Mast tilt angle (front/rear)	%	6° /12°
轮胎尺寸 (前)	Tire no. (before)		250-15-16PR
轮胎尺寸 (后)	Tire no. (after)		7.00-12-12PR
最小转弯半径外侧	Minimum turning radius (outer side)	mm	2710
最小直角通道宽度	Minimum right angle aisle width	mm	4750
货叉尺寸(长x宽x厚)	Fork size	mm	1070×150×50
最高行驶速度 (满载/空载)	maximum working speed(Full-load/No-load)	km/h	19/19
最大起升速度 (满载/空载)	maximum lifting speed(Full-load/No-load)	mm/s	340/380
最大爬坡度 (满载/空载)	maximum gradeability(Full-load/No-load)	%	15/20
整机重量	Forklift weight	kg	4950
发动机	Engine model		全柴Quanchai4C4-50V31

K series forklift equilibrium weight 4.5 T internal combustion



- 1.Appearance is simple, beautiful and generous
- 2.New steering wheel improves operating comfort and reliability
- 3.High top type large diameter air intake design, so that the engine away from dust, effectively play the engine performance to improve the service life

- 4.Wide view gantry design, the driver's vision is more open
- 5.Liquid crystal digital instrument, friendly man-machine interaction interface, easy for drivers to accurately control the state of the vehicle

Product Parameter

型号	Model		FD45
额定载荷	Rated lifting load	kg	4500
载荷中心距	Load center distance	mm	500
自由起升高度	Free lifting height	mm	160
全长 (货叉/不带货叉)	overall length (With fork/Without fork)	mm	4120/3050
全宽	Width	mm	1400
全高 (护顶架)	Overhead guard height	mm	2230
轴距	Wheelbase	mm	1900
最小离地间隙 (门架处)	Minimum ground clearance	mm	150
门架倾角 (前/后)	Mast tilt angle (front/rear)	%	6° /12°
轮胎尺寸 (前)	Tire no. (before)		300-15-20PR
轮胎尺寸 (后)	Tire no. (after)		7.00-12-12PR
最小转弯半径外侧	Minimum turning radius (outer side)	mm	2820
最小直角通道宽度	Minimum right angle aisle width	mm	4830
货叉尺寸(长x宽x厚)	Fork size	mm	1070 × 150 × 50
最高行驶速度 (满载/空载)	maximum working speed(Full-load/No-load)	km/h	18/19
最大起升速度 (满载/空载)	maximum lifting speed(Full-load/No-load)	mm/s	420/460
最大爬坡度 (满载/空载)	maximum gradeability(Full-load/No-load)	%	15/20
整机重量	Forklift weight	kg	5860
发动机	Engine model		全柴Quanchai4C4-50V31

4.5-5.0ton K series diesel counterweight forklift



1. Adopt full hydraulic steering device, small turning radius, light and flexible, safe and reliable
2. High intake design, so that the engine away from dust effectively play the engine performance, improve life
3. Low level instrument frame, wide field of view door frame design makes the driver's field of view wider
4. Liquid crystal digital instrument, easy for drivers to accurately control the state of the vehicle
5. Forklifts with different hydraulic and mechanical transmission systems can be selected according to demand

6. A variety of power models optional, in line with the latest environmental standards. Low noise, small vibration, energy saving and environmental protection
7. High quality parts ensure high performance and high reliability of the vehicle
8. The small front suspension design effectively reduces the front axle load at full load and improves the life of the front tires and drive axle

Product Parameter

型号	Model		FD45	FD50
额定载荷	Rated lifting load	kg	4500	5000
载荷中心距	Load center distance	mm	500	
自由起升高度	Free lifting height	mm	160	
全长 (货叉/不带货叉)	overall length (With fork/Without fork)	mm	4190/3120	
全宽	Width	mm	1480	
全高 (护顶架)	Overhead guard height	mm	2240	
轴距	Wheelbase	mm	2000	
最小离地间隙 (门架处)	Minimum ground clearance	mm	175	
门架倾角 (前/后)	Mast tilt angle (front/rear)	%	6° /12°	
轮胎尺寸 (前)	Tire no. (before)		300-15-20PR	
轮胎尺寸 (后)	Tire no. (after)		7.00-12-12PR	
最小转弯半径外侧	Minimum turning radius (outer side)	mm	2900	
最小直角通道宽度	Minimum right angle aisle width	mm	4960	
货叉尺寸(长x宽x厚)	Fork size	mm	1070 × 150 × 55	
最高行驶速度 (满载/空载)	maximum working speed(Full-load/No-load)	km/h	18/19	
最大起升速度 (满载/空载)	maximum lifting speed(Full-load/No-load)	mm/s	400/380	
最大爬坡度 (满载/空载)	maximum gradeability(Full-load/No-load)	%	15/20	
整机重量	Forklift weight	kg	6500	6700
发动机	Engine model		全柴Quanchai4C6-85U32	

5.0-7.0ton K series diesel counterweight forklift



1. Wide field of view gantry design driver field of view is wider
2. High intake system design, so that the engine away from dust and effective performance of the engine
3. Liquid crystal digital display instrument, convenient for drivers to accurately control the state of the vehicle
4. High quality parts ensure high performance of the vehicle

5. Small front suspension design, effectively reduce the load of the front axle at full load, improve the life of the front tire and drive axle
6. Low noise, small vibration, energy saving and environmental protection
7. The shape is beautiful and generous, and the contour is clear

Product Parameter

型号	Model		FD50	FD60	FD70
额定载荷	Rated lifting load	kg	5000	6000	7000
载荷中心距	Load center distance	mm	600		
自由起升高度	Free lifting height	mm	210		
全长 (货叉/不带货叉)	overall length (With fork/Without fork)	mm	4690/3510	4720/3590	4810/3680
全宽	Width	mm	1970		
全高 (护顶架)	Overhead guard height	mm	2500		
轴距	Wheelbase	mm	2250		
最小离地间隙 (门架处)	Minimum ground clearance	mm	230		
门架倾角 (前/后)	Mast tilt angle (front/rear)	%	6° /12°		
轮胎尺寸 (前)	Tire no. (before)		8.25-15-14PR		
轮胎尺寸 (后)	Tire no. (after)		8.25-15-14PR		
最小转弯半径外侧	Minimum turning radius (outer side)	mm	4080	4120	4180
最小直角通道宽度	Minimum right angle aisle width	mm	5230	5290	5360
货叉尺寸(长x宽x厚)	Fork size	mm	1220 × 150 × 60		1220 × 150 × 65
最高行驶速度 (满载/空载)	maximum working speed(Full-load/No-load)	km/h	24/29	23/29	22/29
最大起升速度 (满载/空载)	maximum lifting speed(Full-load/No-load)	mm/s	510/530	500/530	500/480
最大爬坡度 (满载/空载)	maximum gradeability(Full-load/No-load)	%	15/20		
整机重量	Forklift weight	kg	8400	8900	9600
发动机	Engine model		全柴Quanchai4J1-115C32		

8.0-10.0ton K series diesel counterweight forklift



1. Ergonomic design, more comfortable operation
2. Optimized design of intake, scheduling and cooling system can effectively prolong the service life of engine
3. Reliable power system, using efficient variable speed system to reduce machine failure, and a number of power auxiliary devices to ensure working efficiency
4. The new steering wheel improves handling comfort and reliability
5. Liquid crystal digital instrument, friendly man-machine interaction interface, easy for drivers to accurately control the state of the vehicle
6. Drum brake full hydraulic brake, easy to operate, comfortable and safe
7. Wide field of view forming door frame design, the driver has a wider field of view
8. The shape is beautiful and generous, and the contour is clear
9. High quality parts ensure high reliability of the vehicle

Product Parameter

型号	Model		FD80	FD100
额定载荷	Rated lifting load	kg	8000	1000
载荷中心距	Load center distance	mm	600	
自由起升高度	Free lifting height	mm	200	
全长 (货叉/不带货叉)	overall length (With fork/Without fork)	mm	5175/3955	5497/4277
全宽	Width	mm	2245	
全高 (护顶架)	Overhead guard height	mm	2570	
轴距	Wheelbase	mm	2800	
最小离地间隙 (门架处)	Minimum ground clearance	mm	250	
门架倾角 (前/后)	Mast tilt angle (front/rear)	%	10° /12°	
轮胎尺寸 (前)	Tire no. (before)		9.00-20NHS	
轮胎尺寸 (后)	Tire no. (after)		9.00-20NHS	
最小转弯半径外侧	Minimum turning radius (outer side)	mm	3755	4150
最小直角通道宽度	Minimum right angle aisle width	mm	5755	6010
货叉尺寸(长x宽x厚)	Fork size	mm	1520 × 170 × 70	1520 × 175 × 85
最高行驶速度 (满载/空载)	maximum working speed(Full-load/No-load)	km/h	20/26	
最大起升速度 (满载/空载)	maximum lifting speed(Full-load/No-load)	mm/s	330/350	
最大爬坡度 (满载/空载)	maximum gradeability(Full-load/No-load)	%	15/20	
整机重量	Forklift weight	kg	11800	12410
发动机	Engine model		全柴Quanchai4J1-115C32	