

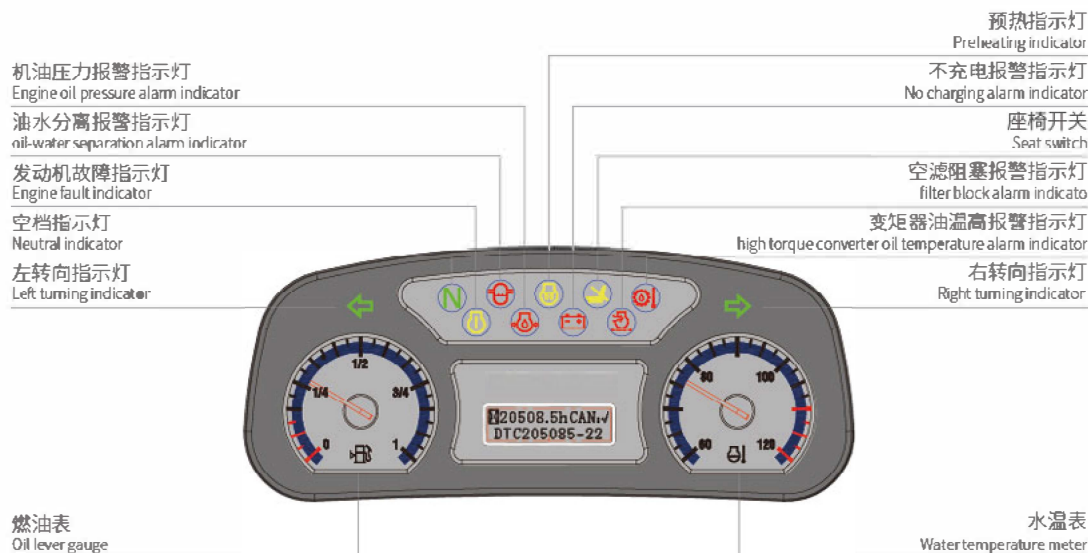
K2 2-3.5 t

K2 series Internacional Combustion
Counterbalanced Forklift Truck





可靠的专用仪表 Reliable special designed instrument



- 可靠的专用仪表将整车运行状态、故障检测等重要信息完整地显示出来,使操作者更直观、方便地了解车辆状态。

Reliable special meter display the whole truck's working condition, fault detect and other important information completely which make the operator master the whole truck condition directly and conveniently.

标准配置 Standard configuration

货叉
水温表
牵引销
挡货架
护顶架
电喇叭
倒车灯
计时表
油量表
充电指示
随车工具
油压报警
转向指示灯
宽视野门架
标准座椅
前大灯
后部组合灯
成形踏板垫
二片多路阀
传动油滤芯
倒车蜂鸣器
变速箱油标尺
液压回路滤芯
空档安全开关
护顶架防雨罩
进气装置
花纹耐用轮胎
拉索式停车制动
液压油标尺
预热指示
全液压动力转向
起升油路限速阀
起升和倾斜操纵杆
旋风式空气滤清器
倾斜可转向管柱
发动机自动预热系统
电熄火
发动机故障指示

Fork
Water temperature gauge
Traction pin
Backrest
Overhead guard
Electric horn
Reversing light
Hour meter
Fuel gauge
Charging indicator
Operator's tool kit
Oil pressure alarm
Steering indicator
Wide view mast
Standard seat
Front lamp
Rear combined light
Shaped pedal pad
Control valve (two throws)
Filter core of transmission oil
Backward buzzer
Transmission oil gauge
Filter of hydraulic oil circuit
Safety switch for neutral gear
Rain proof for overhead guard
Air intaking device
Durable tyre with pattern
Cable type parking brake
Hydraulic oil gauge
Preheating indicator
Full hydraulic powered steering
Flow regulator for lifting oil circuit
Levers for lifting and tilting
Cyclone air cleaner
Adjustable tilting steering column
Engine automatic preheating system
Electric flameout
Engine fault indicator

选用装置 Optional

驾驶室
速度表
灭火器
实心轮胎
后工作灯
辅助管路
悬浮座椅
用户指定颜色
变速箱油温表
驾驶室暖风机
高排气装置
倾斜缸护套
智能车队管理系统(选配)

Cab
Speedometer
Fire extinguisher
Solid tyre
Rear working light
Auxiliary pipe
Suspension seat
Custom paint
Temperature gauge of transmission oil
Heater
High installed exhaust
Sleeve of tilting cylinder
Smart fleet management system (optional)

选购属具 Available attachment

串杆
吊钩
侧移器
纸卷夹
旋转叉
起重臂
加长货叉
多用桶夹
旋转平抱夹
加宽货叉架
货叉加长套
载荷稳定器
载荷推出器
倾翻叉、倾翻斗
宽视野二级全自由门架
宽视野三级全自由门架

Carpet boom
Lifting hook
Side shifter
Paper roll clamp
Rotating fork
Cargo boom
Lengthen fork
Multi-function drum clamp
Rotating clamp
Widen fork carrier
Lengthen fork extension
Load stabilizer
Push-pull
Tilting fork/bucket
Wide view two stage free lift mast
Wide view three stage free lift mast

K2 2-3.5 t



可靠性提升40% Reliability 40% improved

- 铸造转向桥
- 门架强度、刚度提升
- 前悬缩小, 整车稳定性提高
- 驱动桥密封性能提升
- 轮辋加强设计
- 护顶架强度、刚度提升
- 电气系统防护等级提升, 电气零部件模块化设计
- 液压管路密封性能提高
- 整机散热性能提高
- 门架、车架承载能力加强, 安全性能提高
- Casted steering axle
- Improved mast strength and rigidity
- Reduced front overhang improves truck stability.
- The sealing performance of drive axle is improved.
- Enhanced design of rim
- The strength and rigidity of overhead guard are improved.
- The protection level of electric system is improved and the electrical parts adopts modular design.
- The sealing performance of hydraulic pipeline is improved.
- The cooling performance of the truck is improved.
- The loading capacity of mast and frame is improved and the safety performance is improved.

产品更加节能降耗

Better performance in energy saving and consumption reducing

- 油耗降低
- 压损降低
- 标配LED光源
- The oil consumption is reduced.
- The pressure loss is reduced.
- LED lights are standard.



作业效率 提升20%

The operation efficiency is 20% improved

- 3.5t起升速度大幅提升
- 转弯半径主流竞品最小
- 转向手柄与灯开关集成操作方便
- The lifting speed for 3.5t truck is largely improved.
- Comparing with the other competing products, the steering radius is the smallest.
- The lights switch is integrated on steering knob and it is convenient for operation.

舒适性 提升20% Operation comfort is 20% improved

- 方向盘直径减少, 降低手臂疲劳度
- 踏板空间加大
- 座椅加宽更舒适
- 仪表背光设计醒目易读, 同时电控发动机标配增加故障代码显示功能
- 门架横向视野增加
- 增加下降缓冲
- 头部空间加大
- The diameter of steering wheel is reduced to reduce arm fatigue.
- The space for pedal is enlarged.
- Widen seat is more comfortable.
- Backlight design of meter is easy to read and for electric controlled engine, fault code shown on the meter is the standard configuration.
- The horizontal view of mast is improved.
- Lowering buffering is configured.
- Head space is enlarged.

维修便捷性进一步提升

The performance of easy maintenance is further improved

- 驱动桥改进提升, 减少维护频率
- 仪表增加故障代码显示功能, 大幅提升整车维保效率
- 机罩80°开启角度, 提升了维修便捷性
- 增大发动机与变速箱结合处空间, 提升机油滤清器维修便捷性
- 单根42芯电器盒, 检修方便
- 液压管路采用24°锥面密封, 拆装更加便捷
- The drive axle is improve to reduced maintenance frequency.
- Fault code is displayed on the meter to improve truck maintenance efficiency.
- The opening angle of engine hood reaches to 80°facilitating the access to maintenance.
- The contact space between engine and transmission box is enlarged and it is easy for engine oil filter maintenance.
- The electric box with single wire and 42 core is easy for maintenance.
- The 24° conical sealing is adopted on hydraulic pipeline and it is easy for assembly and disassembly.



合力智能车队管理系统(选配)

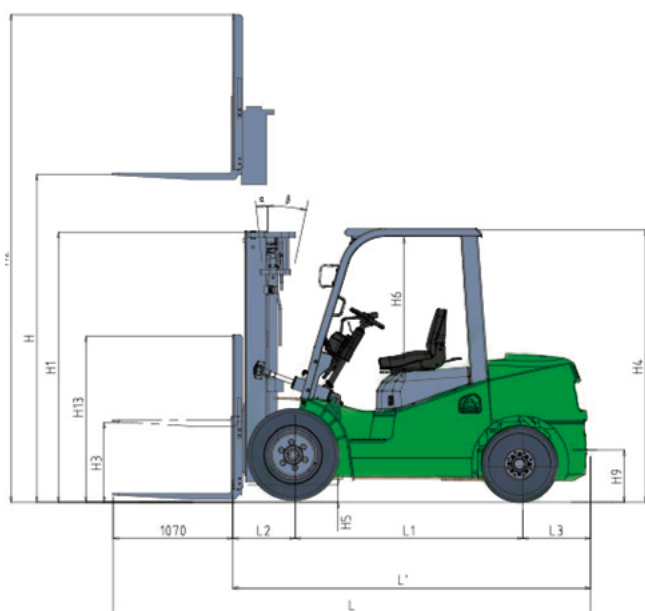
HELI smart fleet management system (optional)

- 车辆定位
- 远程诊断
- 远程监控
- 维保提示
- 电池管理
- 统计报表
- 车辆管理
- 身份识别(选配)
- 称重管理(选配)
- 碰撞管理(选配)
- Vehicle positioning
- Remote diagnosis
- Remote monitoring
- Maintenance reminder
- Battery management
- Statistical form
- Vehicle management
- Identification recognition (optional)
- Weight management (optional)
- Collision management (optional)

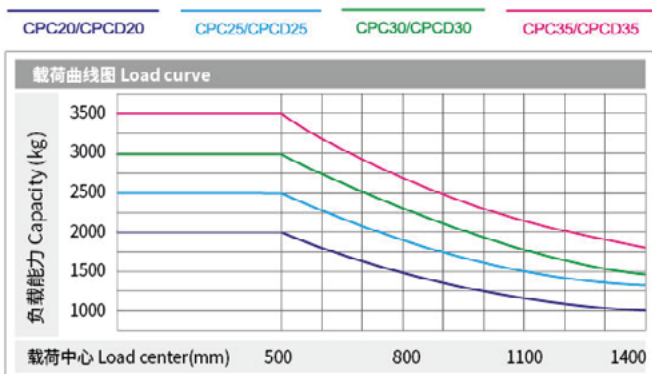
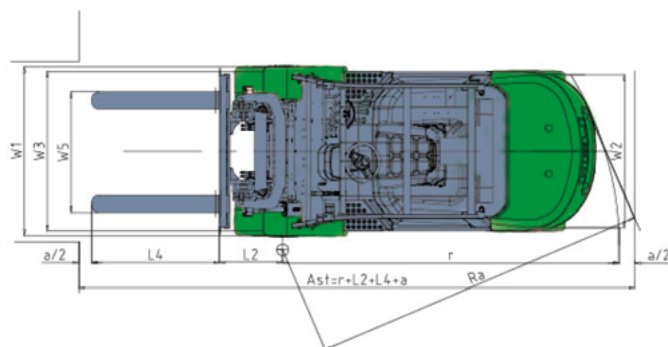


制造商和技术参数Manufacturer and technical parameters

特性 Characteristics																			
1.01	制造商 Manufacturer																		
1.02	型号 Model			CPC20	CPCD20	CPC25	CPCD25	CPC30	CPCD30	CPC35	CPCD35	CPC20	CPCD20	CPC25	CPCD25	CPC30	CPCD30	CPC35	CPCD35
1.03	起升重量 Rated capacity	kg		2000		2500		3000		3500		2000		2500		3000		3500	
1.04	载荷中心 Load center	mm		500		500		500		500		500		500		500		500	
1.05	动力方式 Driving mode			柴油 Diesel															
1.06	驾驶方式 Power type			座驾式 Sit-on type															
尺寸 Dimensions																			
2.01	起升高度 (标准) Lifting height (standard)	H	mm	3000		3000		3000		3000		3000		3000		3000		3000	
2.02	门架全高 (货叉落地, 门架垂直) Mast overall height (fork to the ground and mast be vertical)	H1	mm	2000		2000		2070		2120		2000		2000		2070		2120	
2.03	货叉起升最大高度 (带挡货架) Max.fork lifting height (With backrest)	H2	mm	4030		4030		4217		4217		4030		4030		4217		4217	
2.04	自由起升高度 Free lift height	H3	mm	150		150		155		160		150		150		155		160	
2.05	全高 (护顶架) Overall height (Overhead guard)	H4	mm	2120		2120		2140		2140		2120		2120		2140		2140	
2.06	最小离地间隙 (门架处) Min.ground clearance (At the mast)	H5	mm	115		115		135		135		115		115		135		135	
2.07	座椅面至护顶架距离 Distance from the surface of the seat to the overhead guard	H6	mm	1050		1050		1050		1050		1050		1050		1050		1050	
2.08	牵引销高度 Traction pin height	H9	mm	290		290		310		310		290		290		310		310	
2.09	挡货架高 (门架货叉面算起) Backrest height (Calculated from the surface of the fork)	H13	mm	1000		1000		1182		1177		1000		1000		1182		1177	
2.10	全长 (含货叉/不含货叉) Overall length (With fork/Without fork)	(L/L')	mm	3460/2390		3680/2610		3819/2740		3827/2754		3460/2390		3680/2610		3819/2740		3827/2754	
2.11	轴距 Wheel base	L1	mm	1650		1650		1750		1750		1650		1650		1750		1750	
2.12	前悬距 Front overhang	L2	mm	465		465		478		484		465		465		479		484	
2.13	后悬距 Rear overhang	L3	mm	425		405		520		520		425		405		520		520	
2.14	全宽 Overall width	W1	mm	1160		1160		1225		1225		1160		1160		1225		1225	
2.15	轮距 (前/后) Tread (Front tread/Rear tread)	(W3/W2)	mm	970/970		1000/970		1000/970		970/970		970/970		1000/970		1000/970		1000/970	
2.16	货叉调节范围 (货叉外侧) (最大/最小) Fork adjustable range (the external of the fork) (Max./Min.)	W5	mm	1030/244		1030/244		1060/250		1060/250		1030/244		1030/244		1060/250		1060/250	
2.17	最小外侧转弯半径 Min.turning radius (Exterior)	r	mm	2215		2210		2400		2400		2215		2210		2400		2400	
2.18	最小内侧转弯半径 Min.turning radius (Interior)	r'	mm	35		35		80		80		35		35		80		80	
2.19	最小直角通道宽度 Min.right angle stacking aisle width	Ra	mm	2235		2290		2360		2360		2235		2290		2360		2360	
2.20	门架倾角 (前/后) Mast tilting angle (forward /rear)	α/β	deg.	6°/12°		6°/12°		6°/12°		6°/12°		6°/12°		6°/12°		6°/12°		6°/12°	
2.21	货叉尺寸 Fork size	L4xWxT	mm	920x122x40		1070x122x40		1070x125x45		1070x125x50		920x122x40		1070x122x40		1070x125x45		1070x125x50	
重量 Weight																			
3.01	总重 Total weight	kg		3300		3645		4265		4550		3300		3645		4265		4550	
3.02	重量分配 满载 (前/后) Weight distribution loaded (Front/Rear)	kg		4714/586		5433/712		6424/841		7240/810		4714/586		5433/712		6424/841		7240/810	
3.03	重量分配 空载 (前/后) Weight distribution unloaded (Front/Rear)	kg		1544/1756		1470/2175		1745/2520		1771/2779		1544/1756		1470/2175		1745/2520		1771/2779	
车轮和轮胎 Wheel and tyre																			
4.01	车轮数量 X=驱动轮 (前/后) Wheel number x= drive wheel (Front/Rear)			2X/2															
4.02	轮胎类型 (前/后) Tyre type (Front/Rear)			充气胎 Pneumatic tyre															
4.03	轮胎尺寸 (前/后) Tyre size (Front/Rear)			1.00-12-12PR/6.00-9-10PR				28x9-15-14PR/6.5-10-10PR		28x9-15-14PR/6.5-10-10PR		1.00-12-12PR/6.00-9-10PR				28x9-15-14PR/6.5-10-10PR		28x9-15-14PR/6.5-10-10PR	
4.04	行车制动器 Service brake			液压-踏板式 Hydraulic-foot Pedel															
4.05	停车制动器 Parking brake			机械-手动式 Mechanical-Hand lever															



RASA: 直角堆垛通道宽度 right angle stacking aisle width
a: 间隙 Clearance
L4: 货叉长度 Length of fork



注:

竖轴表示承载量, 横轴表示载荷中心。载荷中心是从货叉正面计算起, 标准载荷的基点是指负荷边长为1000毫米的立方体中心位置。当门架前倾、使用非标准货叉或装载超过正常宽度的负荷时, 将会使承载量减少。通过负荷曲线图, 能及时地了解标准门架在各种载荷中心时的承载能力。

Note: The vertical axis stands for load capacity and the horizontal axis stands for load center which is calculated from the front of the fork. The base point of the standard load refers to the center position of the cube with 1000mm length of side. When mast is tilted forward, nonstandard fork usage or load with over wide goods, load capacity will be reduced. Different load capacity in different load center can be known in time through load chart.



整车主要性能参数及驱动、传动控制装置 Truck main specifications and drive and transmission control device

性能															
型号 Model		CPC20	CPC20	CPC25	CPC25	CPC30	CPC30	CPC35	CPC35	CPC20	CPC25	CPC30	CPC35	CPC35	
最高行驶速度 (满载/空载) Max. Travelling speed (loaded/unloaded)	km/h	18/18		18/18		18/19	18/19	19/19	19/19	18/18		19/19	19/19	19/19	
起升速度 (满载/空载) Lifting Speed (Loaded/Unloaded)	mm/s	500/550		500/550		455/480	450/500	400/420	450/500	500/550		455/480	400/420		
下降速度 (满载/空载) Lowering Speed (Loaded/Unloaded)	mm/s	450/500		450/500		450/500	450/500	450/500	450/500	450/500		450/500	450/500		
最大牵引力 (满载/空载) Max.drawbar pull (Loaded/Unloaded)	kN	17/12	17/12	18/12.5	18/12.5	19/15	19/16	19/14	19/16	17/12	18/12.5	19/15	19/16	19/16	
最大爬坡度 (满载/空载) Max.Gradeability (Loaded/Unloaded)	%	27/29	27/37	25/23	31/23	22/23	22/26	20/22	20/25	27/29	25/23	22/23	20/22	20/25	
驱动、传动控制装置 Drive and transmission control device															
蓄电池 (电压/容量) Battery(Voltage/Capacity)	V/Ah	12/80										12/80			
发动机制造商/商/型号 Engine manufacturer /model		云内/N4A055-34CR										全柴4C2-50C41(柳风牌) Quanchai 4C2-50C41(High fan)			
额定功率/转速 Rated power/rotational speed	kW/rpm	36.8/2500										36.8/2500			
最大扭矩/转速 Max. torque/rotational speed	Nm/rpm	170/1500-1900										170/1400-2000			
缸数-缸径-行程/排量 Cylinder number-Bore x Stroke/Displacement	/L	4-90x105/2.67										4-90x105/2.67			
发动机排量 Engine displacement	L	2.67										2.67			
燃油箱容积 Engine fuel tank capacity	L	70										70			
排放标准 Emission		国III China Stage III										国III China Stage III/京四 Beijing IV			
变速箱型式/档数 Transmission box shifting gears		1-1动力换挡 1-1 Power shift /2-2手动换挡 T/M 2-2 Manual shift T/M													

可选配的叉车发动机型号及其主要技术参数 Engine Model and Main Specification for Option

发动机型号 Engine model	额定功率/转速 Rated power/ rotating speed (Kw/rpm)	额定扭矩/转速 Rated power/ rotating speed (Nm/rpm)	发动机排量 Engine displacement (L)	发动机缸数-缸径-行程 Cylinder number- BoreStroke	排放标准 Emission
潍柴4DW91-50GAG3U Xichai 4DW91-50GAG3U	36.8/2500	165/1500~1800	2.67	4-90x105/2.67	国III China Stage III
新昌4D27KG40/505(高风版) Xinchang 4D27KG40/505(High fan)	36.8/2500	165/1500~1800	2.67	4-90x105/2.67	国III China Stage III/京四 Beijing IV

宽视野基本型门架 WIDE VIEW MAST

门架型号 mast model	最大起升高度 Max. lifting height mm	承载能力(载荷中心为500mm) (kg) load capacity (load center 500mm)				门架全高(货叉落地) (mm) mast overall height (fork to the ground)			整车自重 (kg) service weight				门架倾角 mast tilting angle (°) α/β
		2t	2.5t	3t	3.5t	2-2.5t	3t	3.5t	2t	2.5t	3t	3.5t	
M200	2000	2000	2500	3000	3500	1500	1570	1620	3225	3560	3560	4455	6/12
M250	2500	2000	2500	3000	3500	1750	1820	1870	3270	3610	3610	4505	6/12
M300	3000	2000	2500	3000	3500	2000	2070	2120	3300	3645	3645	4550	6/12
M330	3300	2000	2500	3000	3500	2150	2220	2270	3345	3680	3680	4590	6/12
M350	3500	2000	2500	3000	3500	2250	2320	2370	3365	3700	3700	4610	6/12
M370	3700	2000	2500	3000	3500	2350	2420	2470	3380	3715	3715	4630	6/6
M400	4000	2000	2500	3000	3500	2550	2620	2670	3450	3790	3790	4710	6/6
M425	4250	1900	2250	2850	3100	2675	2745	2795	3475	3815	3815	4740	6/6
M450	4500	1800	2150	2750	3000	2800	2870	2920	3495	3835	3835	4765	6/6
M500	5000	1600	1650	2400	2500	3050	3120	3170	3540	3880	3880	4815	6/6
M550	5500	1700	2200	2850	3050	3350	3420	3470	3630	3970	3970	4915	3/6
M600	6000	1500	1800	2200	2300	3600	3670	3720	3675	4015	4015	4970	3/6

注: (1)*表示前轮为双胎的额定载重量。

(2) 2-3.5T前轮为双胎时, 自重为表格数据: +110kg。

Note: (1) *stands for the rated capacity when the front tyre is double-tyre. (2) When the front tyre of the 2-3.5t truck is double tyre, the service weight of the truck is the weight in the table plus 110kg.

二级全自由门架 WIDE VIEW FULL FREE 2-STAGE MAST

门架型号 mast model	最大起升高度 Max. lifting height mm	承载能力(载荷中心为500mm) (kg) load capacity (load center 500mm)				门架全高(货叉落地) (mm) mast overall height (fork to the ground)			自由起升高度(带挡货架) (mm) free lifting height (with backrest)			整车自重 (kg) service weight				门架倾角 mast tilting angle (°) α/β
		2t	2.5t	3t	3.5t	2-2.5t	3t	3.5t	2-2.5t	3t	3.5t	2t	2.5t	3t	3.5t	
7M200	2000	2000	2500	3000	3500	1500	1570	1620	500	340	443	3260	3560	4210	4485	6/12
7M250	2500	2000	2500	3000	3500	1750	1820	1870	750	590	693	3310	3645	4060	4535	6/12
7M300	3000	2000	2500	3000	3500	2000	2070	2120	1000	840	943	3360	3700	4310	4640	6/12
7M330	3300	2000	2500	3000	3500	2150	2220	2270	1150	990	1093	3390	3730	4340	4620	6/12
7M350	3500	2000	2500	3000	3500	2250	2320	2370	1250	1090	1193	3410	3745	4360	4640	6/12
7M370	3700	2000	2500	3000	3500	2350	2420	2470	1350	1190	1293	3430	3765	4380	4660	6/6
7M400	4000	2000	2500	3000	3500	2550	2620	2670	1550	1390	1493	3505	3845	4460	4735	6/6
7M425	4250	1900	2250	2850	3100	2675	2745	2795	1675	1515	1618	3530	3870	4485	4760	6/6
7M450	4500	1800	2150	2750	3000	2800	2870	2920	1800	1640	1743	3560	3895	4515	4790	6/6
7M500	5000	1600	1650	2400	2500	3050	3120	3170	2050	1890	1993	3610	3945	4565	4845	6/6
7M550	5500	1700	2200	2850	3050	3350	3420	3470	2350	2190	2293	3705	4045	4665	4945	3/6
7M600	6000	1500	1800	2200	2300	3600	3670	3720	3500	2440	2543	3755	4095	4720	4995	3/6

注: (1)*表示前轮为双胎的额定载重量。

(2) 2-3.5T前轮为双胎时, 自重为表格数据: +110kg。

Note: (1) *stands for the rated capacity when the front tyre is double-tyre.

(2) When the front tyre of the 2-3.5t truck is double tyre, the service weight of the truck is the weight in the table plus 110kg.

三级全自由门架 WIDE VIEW FULL FREE 3-STAGE MAST

门架型号 mast model	最大起升高度 Max. lifting height mm	承载能力(载荷中心为500mm) (kg) load capacity (load center 500mm)				门架全高(货叉落地) (mm) mast overall height (fork to the ground)			自由起升高度(带挡货架) (mm) free lifting height (with backrest)			整车自重 (kg) service weight				门架倾角 mast tilting angle (°) α/β
		2t	2.5t	3t	3.5t	2-2.5t	3t	3.5t	2-2.5t	3t	3.5t	2t	2.5t	3t	3.5t	
ZSM360	3600	2000	2400	2900	3250	1800	1870	1870	800	640	690	3495	3835	4470	4705	6-6
ZSM400	4000	1900	2400	2900	3250	1950	2020	2020	950	790	840	3540	3875	4510	4750	6-6
ZSM435	4350	1850	2200	2850	2900	2050	2120	2120	1050	890	940	3570	3920	4540	4775	6-6
ZSM450	4500	1750	2150	2750	2800	2100	2170	2170	1100	940	990	3580	3965	4555	4790	6-6
ZSM470	4700	1700	2100	2700	2750	2165	2230	2230	1165	1000	1050	3600	4005	4560	4800	6-6
ZSM480	4800	1650	2050	2650	2700	2210	2270	2270	1210	1040	1090	3615	4050	4575	4810	6-6
ZSM500	5000	1600	2000	2600	2650	2300	2370	2370	1300	1140	1190	3640	4095	4600	4835	6-6
ZSM540	5400	1450	1950	2300	2350	2400	2470	2470	1400	1240	1290	3670	4135	4630	4865	3-6
ZSM600	6000	1600	2100	2650	2700	2600	2670	2670	1600	1440	1490	3775	4180	4730	4970	3-6
ZSM650	6500	1450	1950	2300	2350	2800	2870	2870	1800	1640	1690	3830	4225	4785	5025	3-6
ZSM700	7000	1150	1300	1800	2000	2975	3045	3045	1975	1815	1865	3885	4265	4835	4070	3-3
ZSM750	7500	950	1050	1200	1300	3150	3370	3370	2150	2140	2190	3990	4310	4975	5210	3-3

注: (1)*表示前轮为双胎的额定载重量。

(2) 2-3.5T前轮为双胎时, 自重为表格数据: +110kg。

Note: (1) *stands for the rated capacity when the front tyre is double-tyre.

(2) When the front tyre of the 2-3.5t truck is double tyre, the service weight of the truck is the weight in the table plus 110kg.