Heavy-duty forklifts designed for longevity

CVG FORKLIFTS

HUAYA CARRY THE FUTURE 胜出，必有所长

4.0-5.0 TONS

Diesel /Gasoline/LPG Forklift
柴油/汽油/LPG叉车

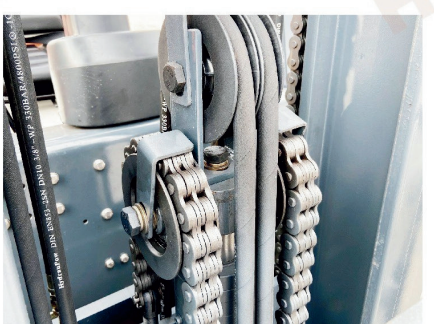
·Stage V ·EPA 4

Forklifts are special safety equipment, and each component of the vehicle is a safety component. The safety valve in the oil cylinder will ensure the safe use of the vehicle.

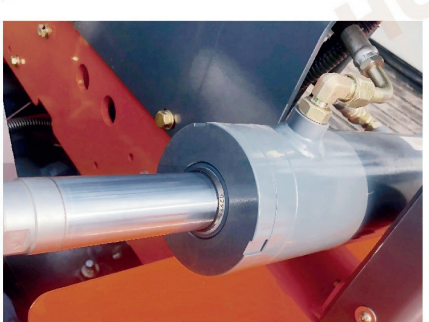
Features

Exceptional powertrain
Combine China Xinchai C490, Quanchai diesel engine and Nissan K25 gasoline engine with automatic transmission design, operator has got a powertrain that delivers strong load handling and smooth acceleration.

Combination display
LED Display offers useful information, such as the fuel meter, water temperature indicator and hour meters the convenience of operator.

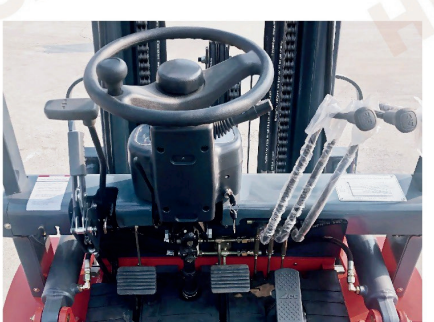


Wide view mast
Strong U-steel, lifting cylinder, chain, bearing. and is equipped with a safety valve, when the oil cylinder or oil pipe breaks, the mast will not fall down instantly, but will decline slowly.



Reliable component
SHIMADZU pump and valve, EATON oil pipe ensure precise control and durable lifetime, never leak oil

Comfortable seat
The new suspension adjustable seats make long-term operation more comfortable and the safety of the driver is guaranteed with seat belts.



Ergonomics
Roomy foot space of 1.06 meters wide enables a comfort operation. Hydraulic controls are located besides display for maximum operator comfort, while allowing easy Left-side entry and exit.

The publicized pictures,specification and parameter is offered to refer,please see according to the real goods
注：本宣传画册图片，规格参数仅供参考，以实物为准。

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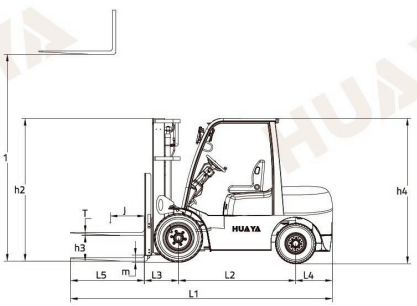
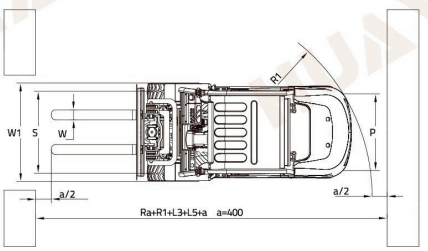
Machine 2D Graph



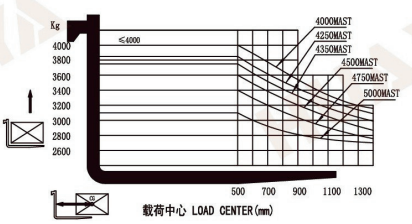


Machine Parameters

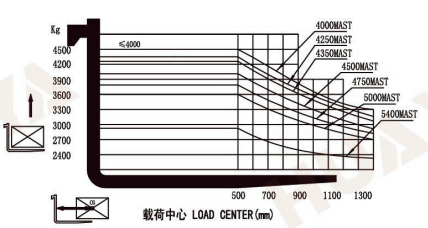
特征 Characteristics		CPC40	CPC45	CPC50	
Power 动力	-	Diesel	Diesel	Diesel	optional
Rated Capacity 额定荷载	kg	4000	4500	5000	/
Load Center 载荷中心	J(mm)	500	500	500	/
Max. Lifting Height 提升高度	H1(mm)	3000	3000	3000	optional
Free Lifting Height 自由提升高度	H3(mm)	135	135	135	optional
Fork Size L×W×H 货叉尺寸	L5×W×H(mm)	1070×150×45	1070×150×45	1070×150×45	optional
Mast Tilting Angle Forward/Backward 门架倾角	°	6/12	6/12	6/12	/
Min. Turing Radius 最小转弯半径	R1(mm)	2620	2680	2680	/
Min. Ground Clearance(mast) 最小离地间隙	Ra(mm)	135	135	135	/
Overhead Guard Height 护顶架高度	H4(mm)	2160	2210	2210	optional
性能 Performance					
Max. Traveling Speed(loaded) 最大行驶速度	km/h	20	20	22	/
Max. Lifting Speed(loaded/unloaded) 最大起升速度	mm/s	330	330	330	/
Max. Traction/Gradeability(loaded) 最大牵引力/爬坡能力	KN/°	15.5	18.5	18.5	/
Min. Right Angle Stacking Aisle Width 最小直角通道宽度	mm	2385	2450	2450	/
尺寸 Dimensions					
Overall Length(without fork) 全长	L1(mm)	2860	2975	2975	/
Overall Width 全宽	W1(mm)	1226	1225	1225	/
Mast Lowered Height 门架落地高度	H2(mm)	2185	2185	2185	optional
Mast Extended Height 货叉最大起升时高度 (带挡货架)	mm	4272	4250	4250	optional
底盘 Chassis					
Tyre(Front) 前轮胎	-	250-15-16PR	300-15-20PR	300-15-20PR	optional
Tyre(Rear) 后轮胎	-	6.50-10-10PR	700-12-12PR	700-12-12PR	optional
Wheelbase 轴距	L2(mm)	1900	1960	1960	/
Tires distance(Front/Rear) 轮距	S(mm)	1000/970	1000/970	1000/970	/
Vehicle weight(None-load) 自重	kg	5000	5100	5500	/
驱动 Powertrain					
Battery(Voltage/Capacity) 蓄电池	V/Ah	12/80	12/80	12/80	/
Engine(Brand) 发动机(品牌)	-	Xinchai	Xinchai	Xinchai	optional
Engine(Rated power) 发动机(额定功率)	kw/r.p.m	37/2500	36.8/2500	36.8/2500	optional
Engine(Rated torque) 发动机(额定转矩)	Nm/r.p.m	174/1700	186/1700-1900	186/1700-1900	optional
Engine(Cylinder amount) 发动机(气缸数量)	-	4	4	4	optional
Engine(Bore×Stroke) 发动机(缸径×冲程)	mm	95×105	98×105	98×105	optional
Engine(Displacement) 发动机(排量)	L	2.98	3.17	3.17	optional
Fuel Tank Capacity 燃油箱容量	L	70	70	70	/
Transmission(Front/Rear) 传动档位(前/后)	-	Manual machinery			optional
Working Pressure 工作压力	Mpa	17.5	18	18	/

Remarks:The above parameters are based on 3M duplex standard mast.

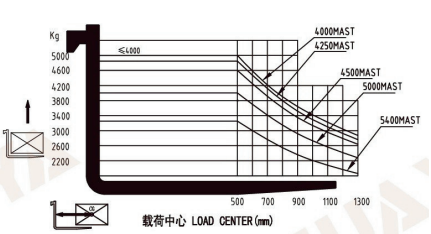
Capacity Chart



4T载荷曲线图
4T load curve



4.5T载荷曲线图
4.5T load curve



5.0T载荷曲线图
5.0T load curve