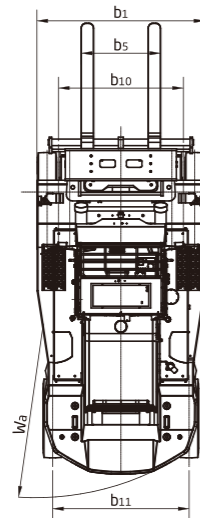
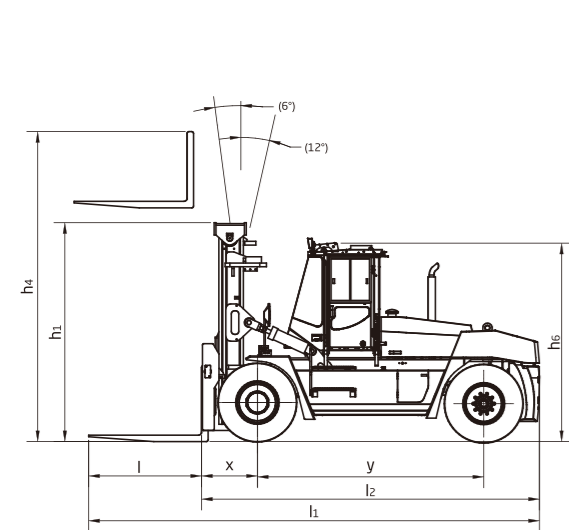
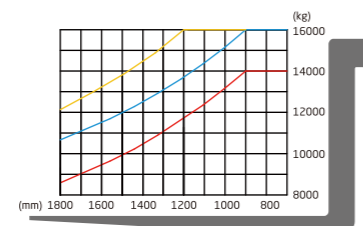


## Heavy IC Forklift Truck

Distinguishing mark	1.1	HANGCHA GROUP CO.,LTD.									
	1.2	CPD140-W25	CPD140-W49	CPD160-W25	CPD160-W49	CPD160-AW25	CPD160-AW49	CPD180-W25	CPD180-W49		
	1.3	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	
Performance Data	1.4	Operator type: hand, pedestrian, standing, seated, order-picker									
	1.5	Rated capacity/rated load Q (kg)									
	1.6	Load centre distance c (mm)									
	1.8	Load distance, centre of drive axle to fork x (mm)									
	1.9	Wheelbase y (mm)									
	Wheels, Chassis	2.1	Service Weight kg								
		3.1	Tyres: solid rubber, superelastic, pneumatic, polyurethane								
		3.2	Tyre size, front								
		3.3	Tyre size, rear								
3.5		wheels, number front rear (x = driven wheels)									
3.6		Tread, front b10 (mm)									
3.7		Tread, rear b11 (mm)									
4.1		Tilt of mast/fork carriage forward/backward α/β(°)									
4.2		Height, mast lowered h1 (mm)									
Dimensions	4.4	Lift h3 (mm)									
	4.5	Height, mast extended h4 (mm)									
	4.7	Height of overhead guard h6 (mm)									
	4.19	Overall length l1 (mm)									
	4.20	Length to face of forks l2 (mm)									
	4.21	Overall width b1 (mm)									
	4.22	Fork dimensions ISO 2331 s/e/l (mm)									
	4.25	Distance between fork-arms b5 (mm)									
	4.31	Ground clearance, laden, below mast m1 (mm)									
	4.32	Ground clearance, centre of wheelbase m2 (mm)									
Combustion-engine	4.35	Turning radius Wα (mm)									
	5.1	Travel speed, laden/unladen km/h									
	5.2	Lift speed, laden/unladen m/s									
	5.5	Drawbar pull, laden/unladen N									
	5.7	Gradeability, laden/unladen %									
	5.10	Service brake									
		Parking brake									
	7.1	Engine manufacturer/type									
	7.2	Emission STD									
	7.3	Engine power according to DIN ISO 1585 kw									
7.3	Rated speed min										
7.4	Number of cylinders/displacement (-)/(cm <sup>3</sup> )										
7.10	Battery voltage/nominal capacity V/Ah										
Additional data	10.1	Operating pressure for attachments bar									



### LOAD CHART



## 14.0-18.0t Forklift Mast Specification

Type	Model	Max. fork height	Overall height		Tilt range		Capacity
			Lowered	Extended	FWD	RWD	load capacity at 900mm Double tire
Wide view mast	G140MX	mm	mm	mm	(°)	(°)	kg
		3300	3500	5150	6	12	14000
		3600	3650	5450	6	12	14000
		4000	3850	5850	6	12	14000
		4300	4050	6200	6	12	14000
		4500	4150	6400	6	12	14000
		4800	4300	6700	6	6	14000
		5000	4400	6900	6	6	14000
		5500	4700	7450	3	6	12500
		6000	4950	7950	3	6	11500
Wide view mast	G160MX	3000	3500	5000	6	12	16000
		3300	3650	5300	6	12	16000
		3600	3800	5600	6	12	16000
		4000	4000	6000	6	12	16000
		4300	4200	6350	6	12	16000
		4500	4300	6550	6	12	16000
		4800	4450	6850	6	6	16000
		5000	4550	7050	6	6	16000
		5500	4850	7600	3	6	14500
		6000	5100	8100	3	6	13500
Wide view mast	G180MX	3000	3500	5000	6	12	18000
		3300	3650	5300	6	12	18000
		3600	3800	5600	6	12	18000
		4000	4000	6000	6	12	18000
		4300	4200	6350	6	12	18000
		4500	4300	6550	6	12	18000
		4800	4450	6850	6	6	18000
		5000	4550	7050	6	6	18000
		5500	4850	7600	3	6	16500
		6000	5100	8100	3	6	15500



## Heavy IC Forklift Truck

with capacities of 14,000 to 18,000kg



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The World of Hangcha



# Heavy IC Forklift Truck

Environment/  
Efficiency/  
Economy



## Power System

/ Cummins turbocharger 6 cylinders engine, high performance, low energy consumption, low speed with high torque, great power reserve.

## Hydraulic System

/ The main hydraulic components like the control valves, variable pump are products of Rexroth.

## Transmission System

/ ZF micro controller with 3 stage power-shift is to make sure the high reliability. German Kessler heavy load drive axle, with two stage speed adjust, muti-disc wet service brake system, is fully enclosed system with maintenance free.

## Steering System

/ Transverse steering axle with full hydraulic steering and sensor system is to make sure easy steering.



## Cabin

/ Tilting cabin is easy to daily service, and the wide view mast, high positioned seat provide good front visibility to operator.

## Standard Specification

- / Heater and air conditioner
- / Hour meter
- / Bracket of light
- / Cabin
- / Traction pin
- / Headlight
- / Horn
- / Mirror
- / Toolbox
- / Forks
- / Charge indicator
- / Combination rear light
- / Pre-heat indication
- / Wide view duplex mast
- / 4 Sec. multi-way valve
- / Hydraulic power steering
- / Rubber pedal
- / Dipstick
- / Air cleaner
- / Adjustable steering wheel
- / Tilt cylinder self-locking valve
- / Side roller
- / Mast lift speed limited valve

## Options

- / 2.5-6.0m duplex mast
- / Special carriage and backrest
- / Solid tyre
- / Other dimension forks
- / Other attachment
- / Fire extinguisher
- / Suspension seat
- / Dual air cleaner or special air cleaner
- / Rear working light
- / Customer painting

