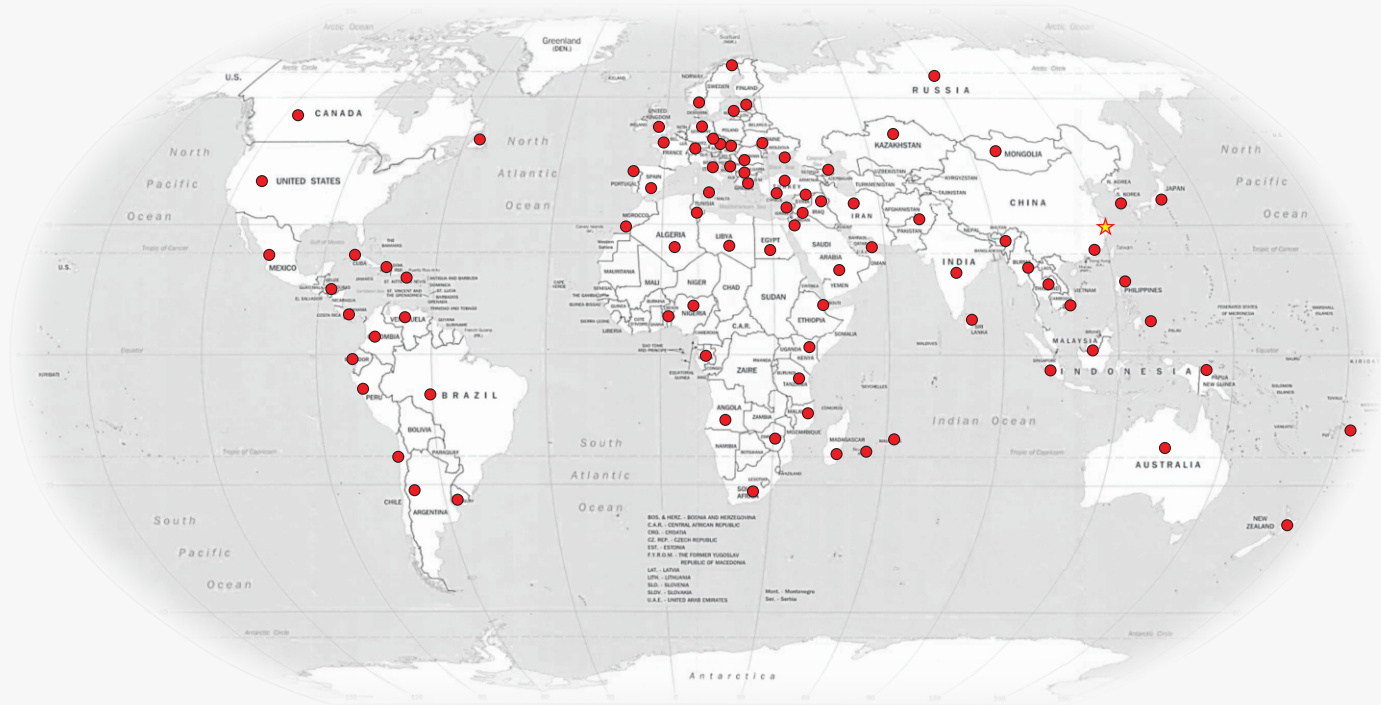


GLOBAL SALES NETWORK



R Series
20.0/25.0t Diesel



CE CERTIFICATE



ISO14001: 2004



ISO9001: 2008

HANGCHA GROUP CO., LTD.
(Zhejiang Hangcha Imp. & Exp.Co.,Ltd.)

www.hcforlift.com

Add:398 Shi Qiao Road, Hangzhou Zhejiang province, China(310022)
Factory site:No.88,Donghuan Rd., Economic Development Zone Lin'an, Zhejiang, China(311305)
Tel: +86-571-88926755
Fax: +86-571-88926789 88132890
E-mail: sales@hcforlift.com

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Power System

Cummins QSC8.3 supercharged engine, Emissions comply with EPA 3 and EU III requirements; High performance, low energy consumption, low speed with high torque, great power reserves. And the engine is equipped with big dimension radiator and suction fan, it reduce the temperature of inlet air and ensure the reliability of cooling system. Using the special peripheral accessories recommended by Cummins, ensure the normal use and maintenance of the engine.

Transmission System

ZF micro controller with 3 stage power-shift is to make sure the high reliability. Using the most advanced TCU microelectronic control transmission proportional control valve to achieve uninterrupted power output and automatic transmission, no need the driver manual shift operation. Fault display and convenient diagnostic socket, greatly simplifying maintenance and repairs. German Kessler heavy load drive axle, with two stage speed adjust, multi-disc wet service brake system, is fully enclosed system with maintenance free.

Hydraulic System

International famous brand hydraulic valve, the main hydraulic pump, the guide handle. Load sensing hydraulic system, reduce the continuous load of engine; Remote hydraulic control and electric control are simple and convenient. Multiple hydraulic testing points simplify the maintenance work.

Mast

Widened duplex mast, reinforced frame, broad vision; Dual valves limit the speed, better security. Sideshifter is the standard configuration.

Brake System

USA MICO hydraulic power brake, wet multi-disc service braking and spring action, caliper disc parking brake system with forced cooling by oil, is safe and reliable.

Steering System

Single transverse arranged cylinder of steering axle has dual function, full hydraulic power steering, steering has priority, with load sensing function, for easy operation.

Cabin

Integral full suspension tilting cabin, connected with the frame through damping rubber, which can shield most of vibration and noise. The tilted cabin which configured wide vision, suspension seat, electric control and hydraulic control joystick, is simple and easy for operation and maintenance. It provides a large space for driver's legs.

Electrical System

Implement the latest international, national and industry standards. The OPS using the seat, and to improve driving safety and norms. The use of advanced CAN bus communication system, high reliability, good anti-jamming; The CAN controller collect information of engine, transmission, all types of sensors, pressure switches and faults, and operator can view various information intuitively from the high-performance colored LCD. The central distribution control box use the product of BASSMANN, compact, beautiful and idea





Optional

- Customer painting
- Working lamp
- Other dimension fork
- Rear-view camera
- Warning lamp
- Air pre-cleaner

Standard

- Neutral switch
- Wide view mast
- Gauge of hydraulic level
- 4 Sec. multi-way valve
- Radiator
- Pattern oil-resistant tyres
- Fuel dipstick
- Full hydraulic power steering
- Self-lock valve
- Rubber pedal pad
- Limit lift speed valve
- Air cleaner
- Charge indicator lamp
- Oil pressure warning
- OPS
- Pre-heat indicator lamp
- Oil temperature gauge
- Front wiper
- Rear wiper
- Speedometer

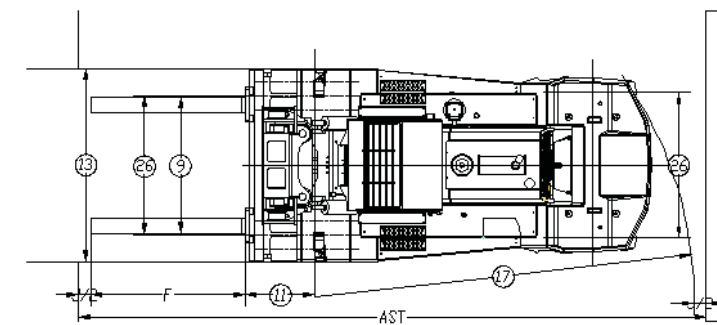
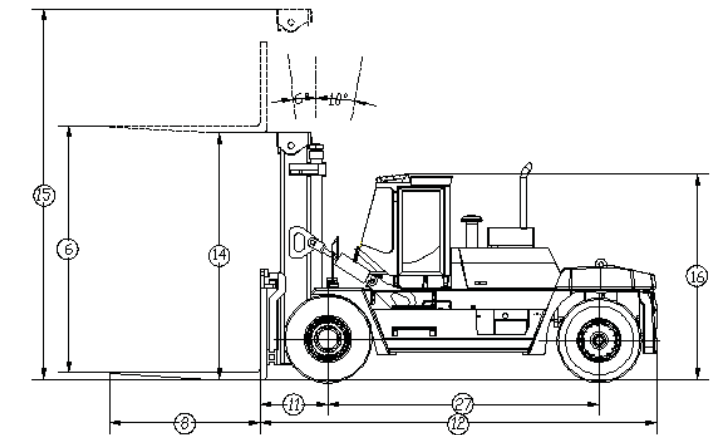
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- | | | | |
|---------------------------|------------------------------|-----------------|--------------------------|
| ■ Hour meter | ■ Cabin | ■ Horn | ■ Standard seat |
| ■ Water temperature gauge | ■ Pin | ■ Mirror | ■ Buzzer |
| ■ Air condition | ■ Fork positioner side shift | ■ Tool box | ■ Front combination lamp |
| ■ Fuel gauge | ■ Hand lamp | ■ Standard fork | ■ Rear combination lamp |

R series 20-25t forklift specification

		HANGCHA GROUP CO.,LTD.					
Distinguishing mark	1.1	Manufacturer (abbreviation)					
	1.2	Manufacturer's type designation	CPCD200-W36	CPCD250-W36	CPCD250-W50		
	1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas	Diesel				
	1.4	Operator type: hand, pedestrian, standing, seated, order-picker	Seated				
	1.5	Rated capacity/rated load	Q (kg)	20000	20000	25000	25000
	1.6	Load centre distance	c (mm)		1200		
	1.8	Load distance, centre of drive axle to fork	x (mm)		1100		
	1.9	Wheelbase	y (mm)		4400		
	2.1	Service Weight	kg	33500			
Tyres, chassis	3.2	Tyre size, front	14.00-24-24PR	14.00-24-24PR	14.00-24-28PR	14.00-24-28PR	
	3.3	Tyre size, rear	14.00-24-24PR	14.00-24-24PR	14.00-24-28PR	14.00-24-28PR	
	3.5	Wheels, number front rear (x = driven wheels)	4x/2				
	3.6	Tread, front	b _{sp} (mm)	2200			
	3.7	Tread, rear	b _r (mm)	2300			
Dimensions	4.1	Tilt of mast/fork carriage forward/backward	α/β(°)				
	4.2	Height, mast lowered	h ₁ (mm)	4000			
	4.3	Free lift	h ₂ (mm)	110			
	4.4	Lift	h ₃ (mm)	4000			
	4.5	Height, mast extended	h ₄ (mm)	6000			
	4.7	Height of overhead guard	h ₅ (mm)	3380			
	4.19	Overall length	l ₁ (mm)	8810			
	4.20	Length to face of forks	l ₂ (mm)	6370			
	4.21	Overall width	b ₁ (mm)	3050			
	4.22	Fork dimensions ISO 2331	s/e/l (mm)	2240×250×110			
	4.25	Distance between fork-arms	b ₂ (mm)	900/2600			
	4.31	Ground clearance, laden, below mast	m ₁ (mm)	300			
	4.32	Ground clearance, centre of wheelbase	m ₂ (mm)	450			
	4.35	Turning radius	W ₂ (mm)	6000			
	Performance data	5.1	Travel speed, laden/unladen	km/h	25/28		
5.2		Lift speed, laden/unladen	m/s	0.3/0.33			
5.5		Drawbar pull, laden/unladen	N	160000/-			
5.7		Gradeability, laden/unladen	%	25/-			
5.10		Service brake		Wet disc brake system(WDB)			
		Parking brake		Spring Applied,Hydraulic release multidisc brake(SAHR)			
Combustion-engine	7.1	Engine manufacturer/type	CUMMINS/QSC8.3	CUMMINS/QSL9.0 250	CUMMINS/QSC8.3	CUMMINS/QSL9.0 250	
		Emission STD	StageIIIA/Tier3	StageIIIB/Tier4	StageIIIA/Tier3	StageIIIB/Tier4	
	7.2	Engine power according to DIN ISO 1585	kW	179	186	179	186
	7.3	Rated speed/min		2200	2200	2200	2200
	7.4	Number of cylinders/displacement	(-)/(cm ³)	6/8300	6/8900	6/8300	6/8900
	7.10	Battery voltage/nominal capacity	V/Ah	2×12/150			
		Rated torque	N.m/r/min	1085/1500			
	Bore x stroke	mm	114×135	114×145	114×135	114×145	

Remark: 1. The specification in the table are for standard models only. For further information please contact us.
2. Specification are subject change without notice.

Dimensions



20-25t mast specification

Type	Max. fork height		Overall height				Tilt range	
			Lowered		Extended		FWD/RWD	
	mm	mm	mm	mm	mm	mm	mm	mm
Wide view mast	20t	25t	20t	25t	20t	25t	20t	25t
	3300	3300	3650	3650	5290	5290	6/10	6/10
	3600	3600	3800	3800	5590	5590	6/10	6/10
	4000	4000	4000	4000	5990	5990	6/10	6/10
	4300	4300	4150	4150	6290	6290	6/10	6/10
	4500	4500	4250	4250	6490	6490	6/10	6/10
	4800	4800	4400	4400	6790	6790	6/10	6/10
	5000	5000	4550	4550	7040	7040	6/10	6/10
	5500	5500	4800	4800	7540	7540	3/6	3/6
	6000	6000	5100	5100	8090	8090	3/6	3/6
	6500	6500	5350	5350	8590	8590	3/6	3/6

Chart

