

OUR SPECIALITY PROMOTE YOUR CAREER

我们的专业，推动您的事业

FUJIAN



体系认证 CNAS C001-Q



00111Q211047R0M/3500

# SOUTHCHINA HEAVY MACHINERY MANUFACTURE CO.,LTD

福建华南重工机械制造有限公司



<https://forklift-manuals.jimdofree.com>

# Company Profile

Fujian SouthChina Heavy Machinery Manufacture Co., Ltd. (SOCMA) is a modern, high-tech company that integrates development, design, production, marketing, and service in the manufacturing of our large-tonnage diesel forklift truck, telescopic lift truck, telescopic crane loader, wheel loader, and other products. Our company is located in Quanzhou City, in close proximity to the Western Taiwan Straits Economic Zone, where we have easy access to a booming economy and many forms of convenient transportation.

Our forklift truck, telescopic loader etc. are primarily used in the stone, steel, and leasing industries in quarries, docks, railroad stations, timber yards, and industrial and mining companies for lifting, handling, transportation, and other applications. We are ISO9001 approved, due to the efforts of our innovative management team and R&D personnel, as well as our advanced technology.

Customer satisfaction is our ultimate goal at SOCMA. We achieve this by providing quality products and attentive service. Our strict quality control and attention to detail is evident in the entire manufacturing process, from incoming materials, through each stage of production, to the final product. We guarantee the high performance and quality of our products, and our efficient staff is ready to assist you.

The staff at SOCMA continually strives to provide high quality products and professional service for our worldwide customers.





Heavy Duty Forklift

# SPECIALIZED IN HEAVY DUTY FORKLIFT



**SOCMA**  
华南重工



**Advantages:**

**Advanced design philosophy:** through scientific finite element analysis, kinematics and dynamics simulation analysis,base on the supporting of accurate data for the design, to ensure that reasonable door frame and chassis systems structure, excellent performance, stable and reliable operation of the machine.

**Advanced manufacturing processes:** frame uses GMAW welding, 100% non-damage detection for each key soldering, can withstand rigorous test, wholistic processing for the overall frame, high precision and very good bearing performance.

**Cost performance:** in the premise to ensure the stability and reliablity of quality,the products are with higher cost performance in the industry.

**After-sale service:** our company has one professional maintenance service team, including practiced field engineers and senior technician, who can provide timely technical guide and solution for problems

**Product Quality:** in order to create brand on our early stage, enhancecorporate recognition and establish a corporate image, We follow the market and the user's awe, attention to detail, continuous improvement, diligently pursue excellence.

12-15 tonnage



Strong Lifting And Cross-Country Performance  
Advanced Design Philosophy

15-20 tonnage

High Cost Performance,High Rate Of Return  
3D finite element analysis



20-30 tonnage

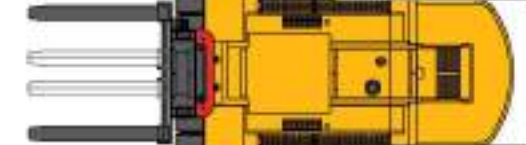
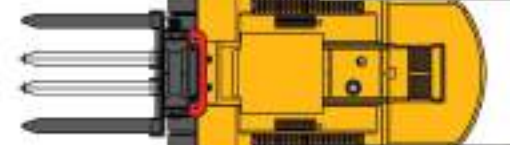
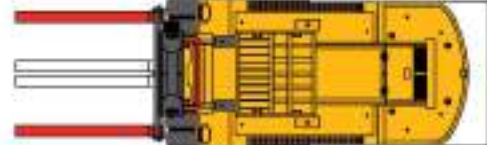
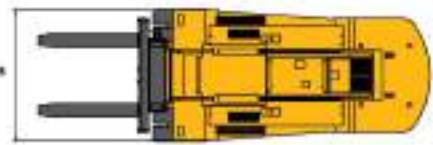
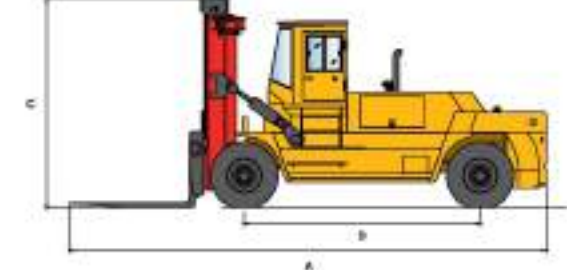
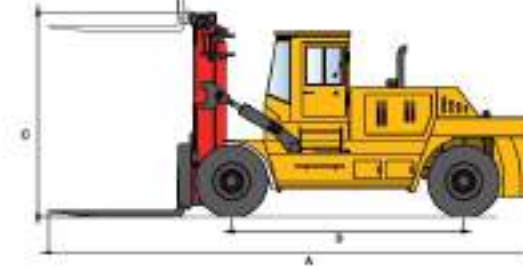
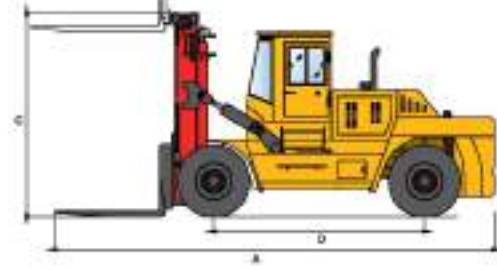
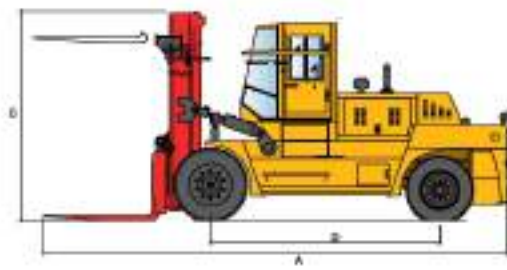
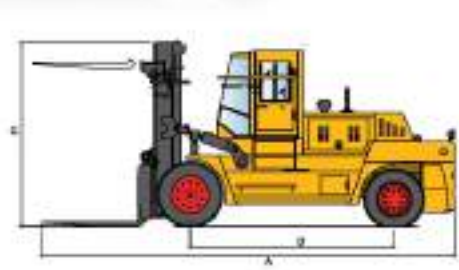


Stable and Reliable  
Damping Luxury Cab

30-40 tonnage

Excellent Operating Performance  
Exquisite workmanship &firm box-type frame





HNF-120

HNF-150 HNF-160

HNF-200

HNF-250

HNF-300 HNF-350

Attachments



Configuration	Model		CPCB120	CPCB150	CPCB160	CPCB200	CPCB250	CPCB300	CPCB350	
			HNF-120	HNF-150	HNF-160	HNF-200	HNF-250	HNF-300	HNF-350	
Performance	Rated load	kg	12000	15000	16000	20000	25000	30000	35000	
	Load center	mm	600	600	600	900	1250	1250	1250	
	Free lift	mm	230	180	180	180	180	180	180	
	Mast tilt angle (front/rear)	o	6 / 12	6 / 12	6 / 12	6 / 12	6 / 12	6 / 12	6 / 12	
	Overall dimensions	A Length	mm	6220	7645	7645	8340	9190	9690	9700
		B Width	mm	2200	2750	2750	3050	3050	3200	3320
		C Height	mm	3100	3625	3625	3860	3860	4250	4310
		Mast lifting height	mm	3000	3500	3500	3500	3500	3500	3500
	Fork size (L*W*H)	mm	1520X170X80	1800X180X90	1800X180X90	2000X260X100	2440X280X110	2440X320X110	2440X340X125	
	Min. turning radius	mm	4200	5800	5800	6250	6700	7260	7260	
	Max. travel speed (with load)	Km/h	30	28	28	25	28	28	28	
Lifting speed (with load)	mm/s	290	300	300	180	180	260	260		
Gradeability (with load)	%	20	20	20	20	20	20	20		
Weight	Kg	15500	22000	23000	28000	32000	39500	43000		
Tyre	Front		9.00-20-14PR	4X12.00-24/18PR	4X12.00-24/18PR	4X14.00-24/24PR	4X14.00-24/28PR	4X14.00-24/28PR	4X16.00-25/32PR	
	Rear		9.00-20-14PR	2X12.00-20/18PR	2X12.00-20/18PR	2X14.00-24/24PR	2X14.00-24/28PR	2X14.00-24/28PR	2X16.00-25/32PR	
	Wheel tread	Front	mm	1600	2060	2060	2200	2200	2490	2810
		Rear	mm	1700	2330	2330	2390	2390	2450	2450
	D Wheelbase	mm	3200	3800	3800	4000	4400	4800	4800	
Min. ground clearance	mm	250	265	250	250	250	350	350		
Engine	Model		6BT5.9-C130	6BTAA5.9-C190	6BTAA5.9-C190	6CTA8.3-C215	6CTA8.3-C240	6CTAA8.3-C260	6CTAA8.3-C260	
	Rated power/rotate speed	KW/r.pm	97/2200	142/2200	142/2200	160/2200	179/2200	191/2200	191/2200	
	Max. torque/rotate speed	N.m/r.pm	560/1500	800/1500	800/1500	908/1500	1029/1500	1025/1400	1135/1500	



## Heavy Duty Forklifts

### Main Parts And Characters

#### Engine



- Low fuel consumption, high-quality turbo-charged engine.
- Satisfactory power performance, large torque reserve.

#### Tyre rims



- Sino-US joint brand, wear resistant and slab high strength tyre.
- No spoke rims, safe and reliable when under heavy load.

#### Brake system



- Adopt the products from professional manufacture.
- Use disc brake, fast heat emission, light weight, simple structure, and convenient adjustment.
- Especially in the situation of high load, good high temperature resistant performance, stable braking effect.

#### Cab



- Rupture membrane, explosion proof, heat insulation, prevent glare, sound insulation.
- Damping luxury cab with sunroof, wide view and comfortable seats, flexible control.
- With warm and cooling A/C and reverse monitor.

#### Transmission



- Hang zhou planetary gearbox, easy maintenance, economic, accessories versatility, and has good driving performance and traction.

#### Fork



- Cascade Fork.
- Higher intensity, more wear-resistant, can be multiplied and increased life expectancy.

#### Control system



- Pilot valve control device to make the work efficiency and reduce drivers' labor intensity.

#### Fork Positioner



- Standard equipped with hydraulic fork positioner, easily to operate.
- Can reduce labor intensity and improve working efficiency.

#### Hydraulic system



- Double pump confluence, small system flow, low power consumption, reliable performance, excellent operating performance.

#### Drive axle



- Extra Strength drive axle. High intensity overload, planetary hub reduction,
- High strength axle case, large load capacity, excellent stability and reliability

#### Electrical Equipment



- Wire and sheath use of flame retardant materials.
- Adopt high-quality domestic electrical components, reliable and durable.
- Equipped with maintenance free high-grade Johnson battery, reliable and steady work.



# 用心 细心 专业 专注

## Attentive & Professional



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