



# SOCMA HNL SERIES MULTI-FUNCTIONAL CRAWLER FORKLIFT

## 多功能履带叉车



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LIFT YOUR BUSINESS**

FUJIAN SOUTHCHINA HEAVY MACHINERY MANUFACTURE CO., LTD

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# VERSATILE, COMPACT MACHINERY

## 小机器大用途



### MAIN TECHNICAL FEATURES OF HNL-2500

#### HNL-2500的主要特点

华南重工HNL系列多功能履带式叉车，是华南重工自主研发创新性产品，该机型主要针对客户特殊工况需求进行定制开发，最大承载能力为700KG或2500KG，配置可伸缩橡胶履带、升降式门架、无线遥控器等，使其同时具备了叉车和履带挖掘机的性能优势，安全、可靠、节能、高效，可原地旋转，适用于任何地面，广泛运用在物流、仓库、工厂、机场、应急抢险等场所。

SOCMA's HNL series multi-functional crawler forklift is an innovative product that South China Heavy Industry developed autonomously.

This model in particular has been modified to satisfy the particular requirements of its primary customers. Equipped with an intelligent wireless remote control and enhanced telescopic-type rubber tracks that provide a secure footing and a robust grasp, the forklift has a maximum capacity of 700kg to 2500kg. As a result, the forklift is exceptionally well-suited for transporting materials over uneven, slope, and slippery surfaces. It finds extensive application in logistics facilities, manufacturing plants, airports, cargo yards, and analogous settings.



### TECHNICAL CHARACTERISTICS

- ◆ 标配的货叉可以自由升降、倾斜、开合，便于各类货物的搬运  
Forks can be lifted, tilted, and hydraulic positioning.
- ◆ 行走底盘采用越野橡胶履带，可原地360度旋转，适用于在崎岖、泥泞等复杂地面越野作业，安全、可靠、节能、高效等性能。  
Off-road rubber tracks walking chassis, with 360-degree in-place rotation. Capable for off-road operations on rough, muddy, and other complex surfaces, and has the characteristics of safety, reliability, energy saving, and high efficiency.
- ◆ 履带收缩后宽度低于1米（HNL-700），体积小，在狭窄区域机动性更强。  
The width of the crawler track (after shrinking) is less than 1 meter (HNL-700), small in size, and stronger maneuverability in narrow areas.



可配备水带收卷机构，用于大直径消防水带的长距离铺设及收卷。

Equipped with a water hose winding device, for laying and winding large-diameter, long-distance water hose.



可配备在消防车尾部，不会影响消防车主车厢的物品存放空间。

It can be equipped at the rear of the fire truck and will not affect the storage space of the main compartment of the fire truck.



- ◆ 配置自动导航，直线行走更精准 Automatic navigation ensures straight walking is more accurate.
- ◆ 采用有线或无线遥控台操控作业，可实现行走、越野、叉装等全部功能。  
Wired or wireless remote control for walking, off-road, and forklift, etc.
- ◆ 可配置多种属具，如货叉、旋挖钻、破碎等，广泛应用于多种作业工况。  
Various attachments are supported for different conditions: cargo forks, rotary drills, crushers, etc.

型号 Model designation	HNL-700	HNL-2500	
额定起重量Rated lift capacity	700kg	2500kg	
载荷中心距Load center	400mm	600mm	
起升高度Lifting height	1960mm	1600mm	
门架前/后倾角Mast tilt angel front/rear	8°/12°	3°/3°	
门架前后移动距离Mast Movement Distance?	270mm		
满载起升速度Max. Lifting speed with load	175mm/s	260mm/s	
行走速度（空载/满载）Travel Speed(unloaded/loaded)	6/4 km/h		
最大爬坡度Max. gradeability	30%	40%	
最小转弯半径Min. Turning radius		1700mm	
轴距Wheelbase		1810mm	
轮距Wheel track	1170mm(履带展)/970mm(履带收)	1500mm	
操纵方式Operation Type	有线遥控/无线遥控 Wired/wireless remote control	无线遥控Wireless remote control	
整车重量Machine Weight	1000kg	3000kg	
最小离地间隙Min. Ground clearance	195mm	180mm	
货叉（长×宽×高）Fork size(L*W*T)	1025X76X50mm	1350X120X50mm	
履带宽度Track Width	250mm	250mm	
履带张开尺寸?	200mm	200mm	
整机（长×宽×高）Machine size(L*W*H)	2220×970×1550mm	2356×1800×1670mm	
发动机Engine 柴油版 Diesel Engine Version	型号Model	常柴Changchai 3M78	玉柴YC4DK90-T304
	型式Type	直喷Direct injection	四缸、直列、水冷、四冲程、直喷 4-cylinder, In-line, Water-cooled, 4-stroke, Direct injection
	吸气方式Air Intake	自然吸气Inhale naturally	增压Pressurized
	最大扭矩Max. Torque	82Nm/1800 ~ 2100r/min	350Nm/1600r/min
	额定功率Rated Capacity	10 ~ 19KW	66kW
	额定转速Rated Speed	1800 ~ 3200r/min	2200r/min
	整机工作电压Working Voltage	12V	
	使用环境温度Working Temperature	-40~50°	
电池电机系统 Battery&Motor 电动版 Electric Version	电池类型Battery Type	磷酸铁锂 Lithium iron phosphate	
	电池额定存储能量 Battery Rated Power	17.5kWh	
	标称电压Rated Voltage	83.2V	
	充电桩接口 Charging Interface	GBT/CCS2/CCS1/CHAdeMO	
	电机功率Motor Power	15kW	
	整机工作电压Working Voltage	24V	
使用环境温度Working Temperature	-20~50°		

注：以上数据如有更改，恕不另行通知  
Note: The above data are subject to change without prior notice



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