

## SOCMA HNL SERIES MULTI-FUNCTIONAL CRAWLER FORKLIFT

多功能履带叉车



# SOCMA POWER LIFT YOUR BUSINESS

FUJIAN SOUTHCHINA HEAVY MACHINERY MANUFACTURE CO., LTD

## 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, 在狭窄区域机动能更强。
  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.
- ◆ 采用有线或无线遥接台操控作业,可实现行走、越野、叉装等全部功能。 Wired or wireless remote control for walking, off-road, and forkload, 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.

製定起重量Rated lift capacity	型号 Model designation		HNL-700	HNL-2500
起升高度(Ifting height 1960mm 1600mm 1600mm 17条前/后傾角Mast tilt angel front/rear 8*/12* 3*/3* 3*/3* 17率的后移动距离Mast Movement Distance? 270mm	额定起重量Rated lift capacity		700kg	2500kg
	载荷中心距Load center		400mm	600mm
一つ架前后移动距离Mast Movement Distance? 270mm	起升高度Lifting height		1960mm	1600mm
清教起升速度Max_Lifting speed with load 行走速度(空载/满载)Travel Speed(unloaded/loaded) 最大爬坡度Max_gradeability 最小转弯半径Min. Turning radius 辅矩Wheelbase 轮距Wheel track 操纵方式Operation Type 整本重量Machine Weight 最小高地间腺Min. Ground clearance 货叉(长×宽×高)Fork size(L+W+T) 最带张开尺寸? 整机(长×宽×高)Fork size(L+W+T) 是型式Type 整机(长×宽×高)Machine size(L+W+H) 整式Type 重点则Freck injection 发动机Engine 柴油版 Diesel Engine Version Diesel Engine Version 电池电机系统 Battery&Motor 电动版 Enæby Machine size (L+Working Voltage 电池电机系统 Battery&Motor 电动版 Electric Version Electric Version Electric Version Electric Version Electric Version  ## 175mm/s	门架前/后倾角Mast tilt angel front/rear		8°/12°	3°/3°
行走速度(空教/講教)Travel Speed(unloaded/loaded) 最大應坡度Max gradeability 最小转弯半径Min. Turning radius	门架前后移动距离Mast Movement Distance?		270mm	
最大應坡度Max. gradeability	满载起升速度Max. Lifting speed with load		175mm/s	260mm/s
最小转弯半径Min. Turning radius  编距Wheelbase  轮距Wheel track  1170mm(層带展/970mm(層带收)  有整體/子程镜程 Wired/wireless remote control  整车重量Machine Weight 最小离地间隙Min. Ground clearance  技叉(长×宽×高)Fork size(L+W+T)  履带宽度Track Width 履带张开尺寸  整机(长×宽×高)Machine size(L+W+H)  型号Model 型式Type	行走速度(空载/满载)Travel Speed(unloaded/loaded)		6/4 km/h	
雑題Wheelbase	最大爬坡度Max. gradeability		30%	40%
整距Wheel track	最小转弯半径Min. Turning radius			1700mm
操纵方式Operation Type有线過程/无线過程整车重量Machine Weight1000kg3000kg最小离地间隙Min. Ground clearance195mm180mm货叉(长、宽×高)Fork size(L+W+T)1025X76X50mm1350X120X50mm履带宽度Track Width250mm250mm履带张开尺寸?200mm200mm整机(长×宽×高)Machine size(L+W+H)2220×970×1550mm2356×1800×1670mm型号Model常柴Changchai 3M78玉柴YC4DK90-T304型式Type直喷Direct injection4-cipilderi. Fini-Riso Direct injection发动机Engine吸气方式Air Intake自然吸气Inhale naturally增压Pressurized柴油版最大扭距Max. Torque82Nm/1800 ~ 2100r/min350Nm/1600r/min初定功率Rated Capacity10 ~ 19kW66kW物定转速Rated Speed1800 ~ 3200r/min2200r/min整机工作电压Working Voltage12V使用环境温度Working Temperature-40~50°电池类型Battery Type磷酸铁锂 Lithium iron phosphate电池类型Battery Type磷酸铁锂 Lithium iron phosphate电池频率存储能量 Battery Rated Power17.5kWh格attery&Motor 电动版东电桩接口 Charging InterfaceGBT/CCS2/CCS1/CHAdeMOElectric Version电机功率Motor Power15kW	轴距Wheelbase			1810mm
整车重量Machine Weight 1000kg 3000kg 3000kg 最小离地间隙Min. Ground clearance 195mm 180mm 180mm 第次(长×宽×高)Fork size(L*W*T) 1025X76X50mm 1350X120X50mm 250mm 2556×1800×1670mm 250mm 250mm 250mm 250mm 250mm 250mm 250mm 250mm 2556×1800×1670mm 250mm 250mm 2556×1800×1670mm 2556×180	轮距Wheel track		1170mm(履带展)/970mm(履带收)	1500mm
最小离地间隙Min. Ground clearance 195mm 180mm 180mm	操纵方式Operation Type			无线遥控Wireless remote control
使えて、一次では、	整车重量Machine Weight		1000kg	3000kg
履帯宽度Track Width 履帯张开尺寸?	最小离地间隙Min. Ground clearance		195mm	180mm
大型型	货叉(长×宽×高)Fork size(L*W*T)		1025X76X50mm	1350X120X50mm
整机(长×宽×高)Machine size(L*W*H)  型号Model 常柴Changchai 3M78 玉朱C4DV609-T304 型式Type 直喷Direct injection 4-cylinder, In-line, Water-cooled, 4-stroke, Direct injection 第集Changchai 3M78 古東C4DV609-T304 型式Type 直喷Direct injection 4-cylinder, In-line, Water-cooled, 4-stroke, Direct injection 第上型形式 10~19KW 第定功率Rated Capacity 10~19KW 66kW 额定转速Rated Speed 1800~3200r/min 2200r/min 2200r/min 整机工作电压Working Voltage 12V 使用环境温度Working Temperature -40~50° 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	履带宽度Track Width		250mm	250mm
型号Model 常柴Changchai 3M78 玉柴YC4DK90-T304 型式Type 直喷Direct injection 4-cylinder, In-line, Water-cooled, 4-stroke, Direct injection 缓光, 本冷、四种程、直喷 分析上的可能,是对于不同的。 如果是一个人们的,我们们的,我们们的,我们们的,我们们的,我们们的,我们们的,我们们的,我	履带张开尺寸?		200mm	200mm
型式Type 直喷Direct injection 4-cylinder, In-line, Water-cooled, 4-stroke, Direct injection 发动机Engine 柴油版	整机(长×宽×高)Machine size(L*W*H)		2220×970×1550mm	2356×1800×1670mm
接动机Engine 柴油版 Diesel Engine Version Diesel Engine Version  を 大担距Max. Torque を 大力距Max. Torque を 大力率Rated Capacity を 大力率Rated Capacity を 大力率Rated Speed を 大力率Rated Speed を 大力で表現を表現を表現を表現を表現を表現を表現を表現を表現を表現を表現を表現を表現を表	柴油版	型号Model	常柴Changchai 3M78	
最大扭距Max. Torque 82Nm/1800~2100r/min 350Nm/1600r/min		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
Diesel Engine Version		吸气方式Air Intake	自然吸气Inhale naturally	增压Pressurized
一名		最大扭距Max. Torque	82Nm/1800 ~ 2100r/min	350Nm/1600r/min
整机工作电压Working Voltage 12V 使用环境温度Working Temperature -40~50° 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 电池电机系统 Battery&Motor 电动版 Electric Version 电机功率Motor Power 15kW		额定功率Rated Capacity	10 ~ 19KW	66kW
使用环境温度Working Temperature -40~50° 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 电池电机系统 Battery&Motor 电动版 Electric Version		额定转速Rated Speed	1800 ~ 3200r/min	2200r/min
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  电池电机系统 Battery&Motor 电动版 Electric Version  电池为率Motor Power  成  Electric Version  磁酸铁锂 Lithium iron phosphate		整机工作电压Working Voltage	12V	
电池额定存储能量 Battery Rated Power17.5kWh电池电机系统 Battery&Motor 电动版标称电压Rated Voltage83.2V充电桩接口 Charging InterfaceGBT/CCS2/CCS1/CHAdeMOElectric Version电机功率Motor Power15kW		使用环境温度Working Temperature	-40~50°	
电池电机系统 Battery&Motor 电动版标称电压Rated Voltage83.2V充电桩接口 Charging InterfaceGBT/CCS2/CCS1/CHAdeMOElectric Version电机功率Motor Power15kW	Battery&Motor 电动版	电池类型Battery Type	磷酸铁锂 Lithium iron phosphate	
Battery&Motor 电动版		电池额定存储能量 Battery Rated Power	17.5kWh	
电动版允电桩接口 Charging InterfaceGBT/CCS2/CCS1/CHAdeMOElectric Version电机功率Motor Power15kW		标称电压Rated Voltage	83.2V	
		充电桩接口 Charging Interface	GBT/CCS2/CCS1/CHAdeMO	
整机工作由压Working Voltage 24V		电机功率Motor Power	15kW	
E-7/LT   F-5/LVVOINIng Voitage 24V		整机工作电压Working Voltage	24V	
使用环境温度Working Temperature -20~50°		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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