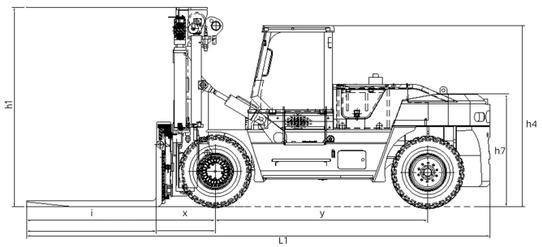
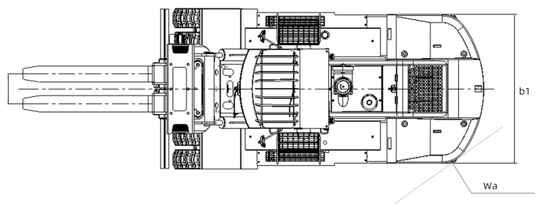
| | Items | Uint | HNF180-900-D |
|---|---|---|---|
| 特性 Features | Rated Load 起重量/载荷 | Q(t) | 18 |
| | Load center 载荷中心距 | mm | 900 |
| | Wheelbase 轴距 | D(mm) | 3800 |
| | Weight 自重 | kg | 26800 |
| 车轮底盘Chassis | Tyre Specs.:Front 轮胎规格：前 | - | 12.00-24-24PR |
| | TyreSpecs.:Rear 轮胎规格：后 | - | 12.00-24-24PR |
| | Tyres Qty,front/rear(X-drive wheels) 车轮数量 前/后(X-驱动轮) | - | 4\2 |
| | Wheel tread: Front 轮距：前 | mm | 2080 |
| | Wheel tread:Rear 轮距：后 | mm | 2250 |
| 基本尺寸 Dimensions | Mast/carriage tilt angle(front/rear) 门架/货叉架前/后倾角 | Degree (° ) | 6\12 |
| | Height of mast，lowered 门架回缩时高度 | I(mm) | 3675 |
| | Lift height 标准起升高度 | P(mm) | 3500 |
| | Height of mast，extended 作业时最大高度 | Q(mm) | 5425 |
| | Height to head guard(height to cab) 护顶架高度(驾驶室高度) | A(mm) | 3250 |
| | Overall length(without forks) 总长(不含货叉长度) | E(mm) | 5840 |
| | Overall width 总宽 | L(mm) | 2750 |
| | Fork dimension 货叉尺寸 | H/M(mm) | 1800X220X110 |
| | Fork carriage width 货叉架宽度 | N(mm) | 2750 |
| | Ground clearance under mast(with load) 门架下最小离地间隙满载 （满载） | G(mm) | 265 |
| | Ground clearance at wheelbase center (loaded) 轴距中心最小离地间隙 （满载） | C (mm) | 325 |
| | Min.Turning radius 最小转弯半径 | K(mm) | 5700 |
| | Travel speed(loaded/unloaded) 运行速度(满载/无载) | km/h | 20/25 |
| 功能参数 Performance | Max.lifting speed(loaded/unloaded) 最大起升速度(满载/无载) | mm/s | 250/260 |
| | Max. Lowering speed(loaded/unloaded) 最大下降速度(满载/无载) | mm/s | 430/330 |
| | Traction 牵引力 | kN | 150 |
| | Gradeablity(loaded/unloaded) 爬坡度(满载/无载) | % | 20/21 |
| | Driving brake 行车制动 | - | 液压钳盘式 Hydraulic clamp disc |
| 发动机 Engine | Engine 发动机（国四 Stage IV） | - | 玉柴 Yuchai engine |
| | model 型号 | - | YCA07175-T400 |
| | Rated output/ Speed 功率/转速 | kW/rpm | 129/2200 |
| | Cylinder No. 气缸数 | - | 6 |
| | Engine 发动机（国三 Stage III） | - | 东康 Dongfeng Cummins |
| | model 型号 | - | QSB6.7-C190 |
| | Rated output/ Speed 功率/转速 | kW/rpm | 142/2200 |
| | Cylinder No. 气缸数 | - | 6 |
| 其他 Others | Transmission gears(Front/rear) 变速箱档位数(前/后) | | 2\1 |
| | Attachments working pressure 属具工作压力 | MPa | 16 |
| | Attachments using oil amount 属具用的油量 | L/min | 60 |

Note：The above data are subject to change without prior notice







# HNF180-900-D

## Heavy-Duty Forklift 重型叉车

FUJIAN SOUTHCHINA HEAVY MACHINERY MANUFACTURE CO., LTD

www.socma-forklift.com

# POWER & PERFORMANCE

142kW 6-cylinder turbo diesel engine (multi-brand optional). Standard with Dongfeng Cummins 142kW engine **(Stage III)**, optional Yuchai 129kW **Stage IV** model, with strong reliable power, compliant emissions, and export-oriented configurations available




## Upgraded Structure  Unshakable Stability

Longer wheelbase (3800mm) and heavier curb weight (27000kg) in its class, engineered for heavy loads. Rock-solid performance, even in the toughest conditions.

## Upgraded Mast  Enhanced Durability

15% thicker main beam for superior rigidity. Built to handle heavy loads and high-stress conditions, durable and deformation-resistant for long-term use.

## Heavy-Duty Tires, 20% Higher Load Capacity

24-ply upgraded tires with superior traction. Anti-slip performance ensures reliable operation on rough, uneven worksite surfaces.



## Panoramic View, 30% Fewer Blind Spots

Optimized visibility design keeps the worksite and load in full view. Safer operations with significantly reduced accident risks.



## Operator-Centric Cabin, All-Day Comfort

Fully enclosed, vibration-dampened cabin with aviation-grade seat, HVAC system and low-noise design. Reduces fatigue for long shifts.



## Spacious Cabin, Built for Collaboration

Class-leading cabin that fits 2 operators comfortably. Ample room for teamwork and easy maintenance, eliminating cramped workspaces.

## High-Density Counterweight, 40% Improved Stability

One-piece high-density counterweight dramatically enhances machine stability. Smooth, controlled performance during heavy lifting and turning.

