# RF35

# DIESEL FORKLIFT




## HIGHLIGHTING ADVANTAGES

- Using load sensing and dual-pump combined hydraulic system technology, the operation efficiency is high and the energy consumption of the whole machine is low;
- The end of the drive axle adopts half-shaft sealing technology, the gear oil seal is reliable, and the after-sales maintenance cost is low;
- The split radiator has better heat dissipation effect and the thermal balance of the whole machine is reliable;
- Equipped with a wide-view lifting system and wide-angle rearview mirror, the driver has a good field of vision;
- The mast has a large forward tilt angle, which meets the special working conditions requirements of the stone truck market;
- Using an integrated modular electrical box, the protection level can reach IP56, and the electrical system has good safety and maintenance convenience;

## DETAIL DISPLAY



The oil cylinder is specially used for domestic first-line brand forklifts, and the oil seal is NOK imported from Japan



Branded chains can bear more than five times the weight and have third-party test reports



The independent side roller design is adopted, the gap between the door frames is small and does not wear the door frames, and the door frames will not shake even after long-term use.




The self-made gantry is precisely matched and installed according to accurate data. The material we use is reinforced, which will not be damaged or deformed, and there will be no shaking after load-bearing hoisting.

## STRUCTURAL PARAMETERS

| | | | |
|---|---|---|---|
| Power type | Diesel fuel | Fork size | 1070*45*120mm |
| Rated load | 3500kg | Maximum driving speed full load/no load | 18/20Km/h |
| Load center distance | 500mm | Speed increase full load/no load | 350/500mm/s |
| Maximum lifting height of fork shelf with blocking | 4260mm | Speed decreasefull load/no load | 550/450mm/s |
| Maximum lifting height | 3000mm | Maximum traction full load/no load | 17KN |
| Full height of gantry fork landing, gantry vertical | 2081mm | Maximum climbing capacity full load/no load | 15/20% |
| Free lifting height | 100mm | Total weight | 4520kg |
| Height of blocking rackcalculated from the fork surface of gantry | 1227mm | Weight distribution full load front/rear | 6480/920kg |
| Distance from seat surface to roof protection frame | 1022mm | Weight distribution no load front/rear | 1730/2580kg |
| Full height roof protection frame | 2186mm | Number of wheels x/drive wheel | 2X/2 |
| Full lengthwithout fork | 2852mm | Tire type front/rear | Pneumatic |
| Front overhang distance | 455mm | Front tire | 28*9-15 |
| Rear overhang | 498mm | Rear tire | 6.50-10 |
| Wheel base | 1800mm | Service brake | Hydraulic brake |
| Towing pin height | 310mm | Parking brake | mechanical |
| Minimum ground clearance | 174mm | Engine model | changchai/yanmar |
| Full width | 1234mm | Reducer model | 490 Euro 5 /498 EPA 4 |
| Fork pitch outside max/min | 1100/240mm | Engine power | 36.8KW |
| Track width front/rear | 1030/992mm | Engine torque/speed | 154 N.M/1800 rpm |
| Outside of minimum turning radius | 2407mm | Number of transmission shifts | 2 front and 2 rear |
| Inside of minimum turning radius | 1582mm | | |
| Minimum right angle radius width | 2507mm | | |
| Gantry tilt Angle(front/back) | 6 front and 12 rear | | |