



ROYAL FORKLIFT (JIANGSU) CO., LTD.

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**Heavy Duty
Forklift Truck**

5.0-10.0ton





Comfort & Ergonomics

The Right Truck For The Job
Simple to Drive and Operate
Easy Entry & Exit
Large Operation Space
Suspension Seat(option)
Excellent Visibility
Tilttable Steering Column
Multifunctional LCD Display Meter
Smoke Purification Device (Option)
Wide View Cabin (Option)

Safety Operation

Integral Heavy Duty Chassis
System of Active Stability
Mast Intelligent Buffering System
Parking Brake Warning Buzzer (Option)
Operator Presense Security System (Option)

Optional Attachments

Integrative Side Shifter
Fork Positioner
Fork Clamp
Rotating Fork
Bale Clamp

**High Efficiency & Productivity**

Precisely Steering
Powerful Engine
Higher Acceleration Ability
Powerful Hydraulic Transmission
Faster Lifting & Lowering Speed
Easy Operation Shift Lever
Snorkel Air Intake

Superior & Economic Serviceability

Easy Service and Maintenance Design
Central Integrated Electric System
Reliable Hydraulic System
Strong Engine Hood
Easy-open Radiator Cover

Reliable RY Forklift

Reliable Forklift Quality
Perfect After Sales Service System
Comprehensive Parts Supply System
Experienced Technical Support Team

Invisible Value

LED Combination Lamp & Reverse Warning Light
Excellent Heat-releasing Performance
Integral Overhead Guard
Stronger Wide View Mast

COMFORT & ERGONOMICS**The Right Truck For The Job**

"RY 5-10Ton forklift trucks offer load capacities ranging from 5 to10 tonnes, delivering the right model for each specific customer requirement.A wide range of features and options allows you to choose the truck that meets your specific needs and keeps your business performing at the highest possible level."

**Simple to Drive & Operate**

"Driver productivity has been increased by studying operational needs.Even occasional drivers will find RY heavy duty trucks simple and intuitive to drive.An inching pedal allows even more driving control when approaching racks or picking pallets."

Easy Entry & Exit

"To produce heavy duty forklifts, RY looked at the whole driver-forklift relationship and then designed a heavy-duty truck that provides excellent driver ergonomics. You'll notice the difference before you even start the smooth RY engine. First, a wide step provides easy entry and exit. This is especially welcome in applications"

**Excellent Visibility**

* Newly designed backrest and fork carriage with excelled fork tip visibility
* Super Wide view mast with hiden hose design dramatically improves the front and lifting visibility, ensuring the safety of operation.

**Large Operation Space**

"Once you are on board, ample floor space and a thick moulded rubber floor mat provide a soft, comfortable place for your feet. "With the

spacious driving space and relaxing foot driving, you will enjoy each driving minute.

Suspension Seat (option)

With optional suspension seat, the operator can experience great driving comfort by adjusting the seat backrest, the seat position, and the suspension grade according to different driver's height and weight. It dramatically reduces the operator's fatigue.

COMFORT & ERGONOMICS

Multifunctional LCD Display Meter



All controls and pedals are laid out for optimized ease of use. The layout of meters and gauges in an integrated combination panel makes it simple to monitor functioning at a glance, and the greater variety of meters used assures a better awareness of vehicle status at all times."

Tilttable Steering Column



"When operating the truck, full hydraulic power steering provides effortless manoeuvring, even with heavy loads. The tilttable steering column features a steering knob for a comfortable, relaxed grip on the wheel"

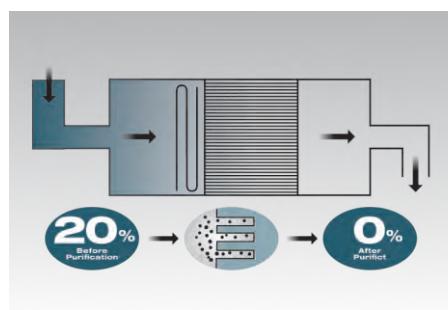


Wide View Cabin (Option)

With full glass cabin and less plastic design, the operator can wide view all surroundings easily. This can help to reduce the operator's eye fatigue and also increase the safety of driving.

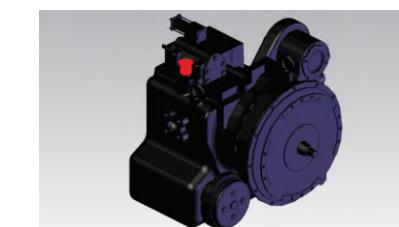
Smoke Purification Device (Option)

With optional smoke purification device, it can dramatically purify the harmful gas into harmless carbon dioxide and water vapor, reduce a lot harm to human beings and environment.



Powerful Hydraulic Transmission

The Powerful Hydraulic Transmission converts powerful acceleration response.



Easy Operation Shift Lever

"The shift lever can be operated with just the finger tips,boosting handling efficiency while reducing operator fatigue."

Snorkel Air Intake

"To ensure a supply of clean air for the engine, a snorkel air intake is located on the counter weight."

HIGH EFFICIENCY & PRODUCTIVITY

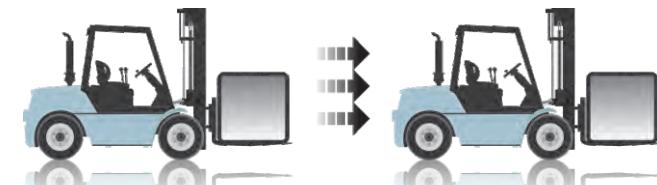


Faster Lifting & Lowering Speed

Considering safety and energy-saving, RY Forklift attaches close attention to the development of hydraulic system, and increases lifting and lowering speed to ensure the productivity.

Higher Acceleration Ability

20% higher acceleration ability,surprisingly shortens the working time at the same working distance, dramatically improves the working effiency.

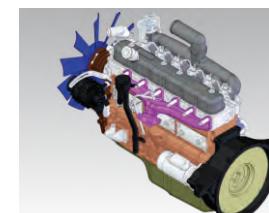


Precisely Steering

The new axle provides wider steering angles to 85 degree to present a superior smart turning radius of RY Forklift, and plus the compact design, RY forklift can navigate the narrow and congested space.



Powerful Engine



"The powerful 6-cylinder diesel engine is designed to comply with the emission regulation EN 97/68 stage IIIa."

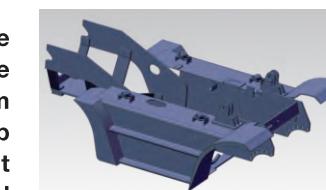
SAFETY OPERATION

Mast Intelligent Buffering System

With intelligently declining buffer sensor on the two ends of the cylinder, the falling speed of the fork slows down automatically before it is 10cm from the ground, and the lifting speed to the top also slows down to avoid quick hit on the top, it super increases the safety of the goods and forklifts.



Integral Heavy Duty Chassis



An integral heavy duty chassis provides the driver with 20% more protection from falling loades.

Parking Brake Warning Buzzer (Option)



An automatic-style parking brake ensures of the convinience and safety. The warning buzzer will sound when the operator leaves the seat without parking the forklift.

Operator Presense Security System (Option)



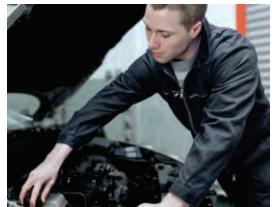
With operator presense security system, RY forklift can have the forklift stop moving forward when the operator leaves the seat which ensuring the safety of goods and people around at emergency situation.

System of Active Stability

With the SAS, the wheel and tyre can be provided from swering up and down according to the working condition to stay stability. This provides the driver with a safer and more comfortable heavy duty forklift truck.



SUPERIOR & ECONOMIC SERVICEABILITY

**Easy Service & Maintenance Design**

The bolt mounted foot step cover can be easily taken off to do inspection and service.

Reliable Hydraulic System

With reliable hydraulic design and components, the hydraulic components are with high durability which can lower the cost in repair and replacement.

**Strong Engine Hood**

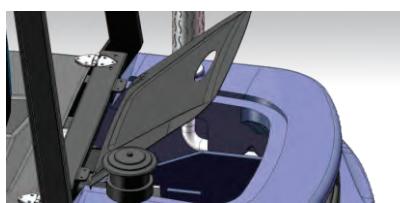
"The engine hood is completely sealed for maximum comfort, and opens fully to a wide 85°. A hood damper reduces the effort needed to open the hood."

Central Integrated Electric System

The central integrated design of the electric system enables the service to be easier and faster.

**Easy-open Radiator Cover**

"A sealed design is used for the radiator cover as well, and easy access is assured by the handy damper, which makes opening and closing the cover a snap"



INVISIBLE VALUE

Excellent Heat-releasing Performance

Considering to improve the heat-releasing performance, RY forklift engineers design the best location of the engine fan, radiator and muffler. Together with the increased heat-release space in the counter weight, RY forklift performs at an excellent heat-releasing situation.

**Integral Overhead Guard**

The front pillar, the rear pillar and the top pillar all welded and integrated in the same structure, it entirely increase the strength of the whole overhead guard, which providing the operator with a safer overhead guard.

**LED Combination Lamp & Reverse Warning Light**

LED combination Lamp is equipped on top of the overhead guard and standard on each RY forklift. Compared to normal lamp of conventional forklifts, LED lamp is lighter and with more durability. The reverse warning light will flash when you switched on the forklift and also flash when you reverse the forklift. This can warn people around and provide you with a safe working place.



OPTIONAL ATTACHMENTS

Integrative Side Shifter

The integrative side shifter is integrated in the fork carriage. With this attachment, the fork carriage can move from left to right to precise the lifting position. Compared to the hanging-on side shifter, the load center is not with a big change, which assuring less load capacity loss at higher lifting height.

Fork Clamp

This attachment is effective for handing packed cotton or rough textile loads by grabbing them firmly from both sides.

Block Clamp

This attachment can pick up concrete blocks without using pallets.

Rotating Fork

Used together with the fork inserted container, this attachment is used for transporting items such as powder, fluids, etc. The fork is rotated in order to discharge the load.

Fork Positioner

With optional fork positioner in 5.0-7.0ton and standard in 9.0-10ton, the fork will be adjusted automatically by operating the third and forth operation lever. It dramatically improves the working efficiency and reduces the fatigue.

Roll Clamp

Rolls of paper or cylindrical objects are safely and securely handled by this attachment. It is possible to rotate the clamped load through 360 degrees.

Bale Clamp

This attachment is recommended for handling packed pulp or raw cotton. The bale is efficiently held from both sides by the bale clamps.

RELIABLE RY FORKLIFT

Reliable Forklift Quality

With the international testing standard, more reliable supplier chain, higher quality control to ensure the stability and quality of forklifts.

Experienced Technical Support Team

There are very experienced technical support team in RY forklift to provide professional training to clients from different country.

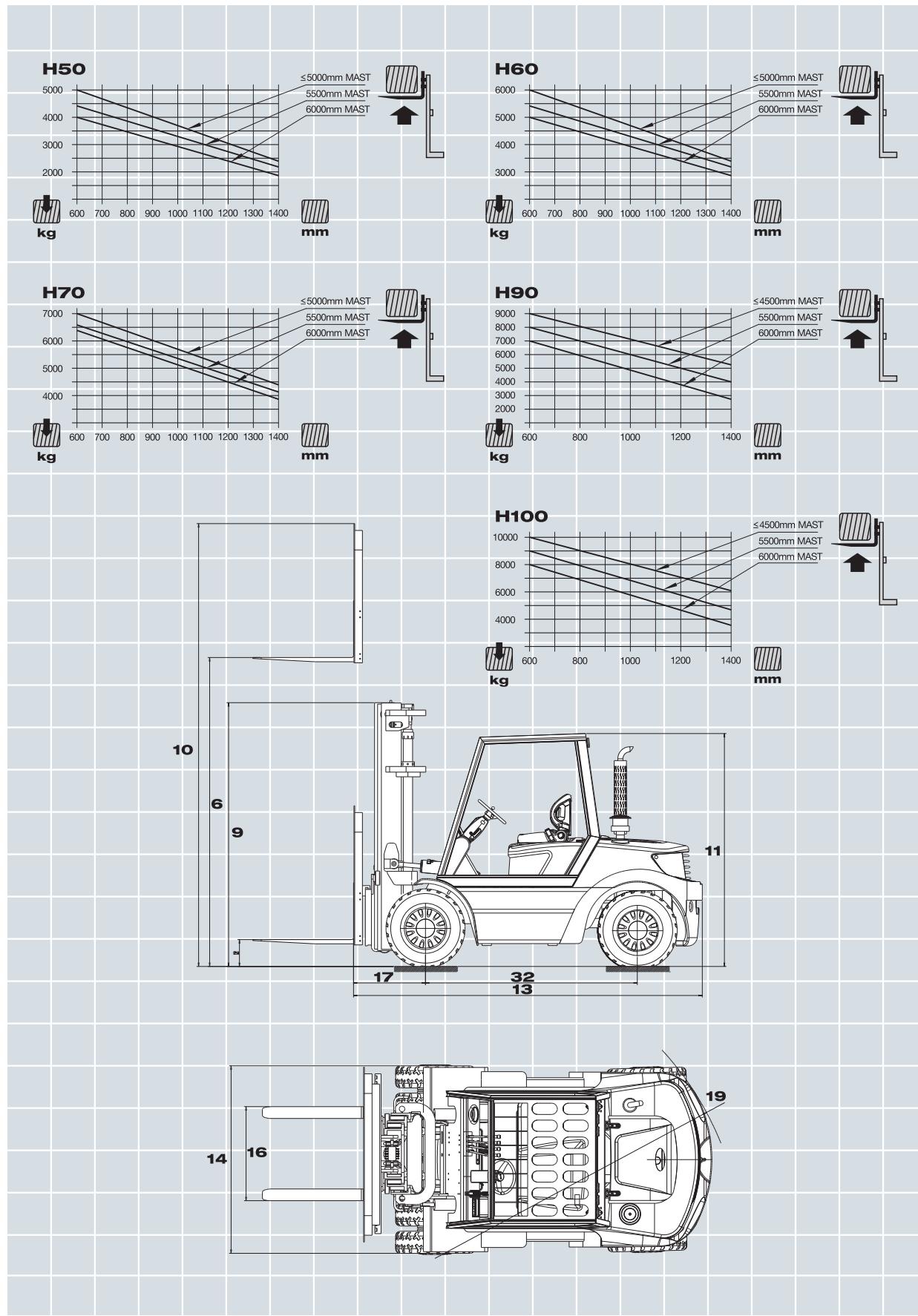
Comprehensive Parts Supply System

Parts supply system complied with multi-functional parts warehouse and I-NET system, RY forklift can provide clients with different type spare parts in time and accuracy.

Perfect After Sales Service System

With perfect after sales service and I-NET system, RY forklift can analyze each forklift issue easier, faster and more accurate.





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