





4-Wheel Electric Forklift

Environmental-Friendly
Efficient Energy Consumption



3-Wheel Electric Forklift

Excellent Tight-Turn Performance
Smooth Trafficability



High Performance

4-Wheel Electric Forklift

Better Work Efficiency
Outstanding Operability

Royal Electric Forklift Introduction

Standard 4-Wheel Electric Forklift



Capacity
1500/1800/2000/2500/3000/3500kgs

Motors
Driven: KDS x 1
Pump: KDS x 1

Controller
ZAPI Full AC

Battery
48/80V Chinese brand/Germany Hawker



Upward Visibility

Press forming overhead guard provides stronger protection and good upward visibility



Forward Visibility

Optimal mast width and hose lay-behind ensure a clear view through the mast.



Fork-tip Visibility

Small-diameter steering wheel, optimally positioned display and right-position lever for excellent visibility of the fork tips.



Royal Electric Forklift Introduction

Operability and Comfort

The small-diameter steering wheel with the full hydraulic power steering system provides excellent maneuverability.

High-visibility display with Indicators and warning lights keeps the operator informed of the forklift's status at a glance.

The battery can be taken out from the right side of the truck by using a forklift or pallet truck.



Energy Savings, Long Life LED Lights offer long life and low energy consumption.

The seat can be adjusted forward and backward and supports a comfortable operating posture by means of side wings and a seat belt.

The foot operation space be enlarged by 20% to provide operator with comfortable feeling.

Royal Electric Forklift Introduction

In Ergonomically

Easy Entry and Exit

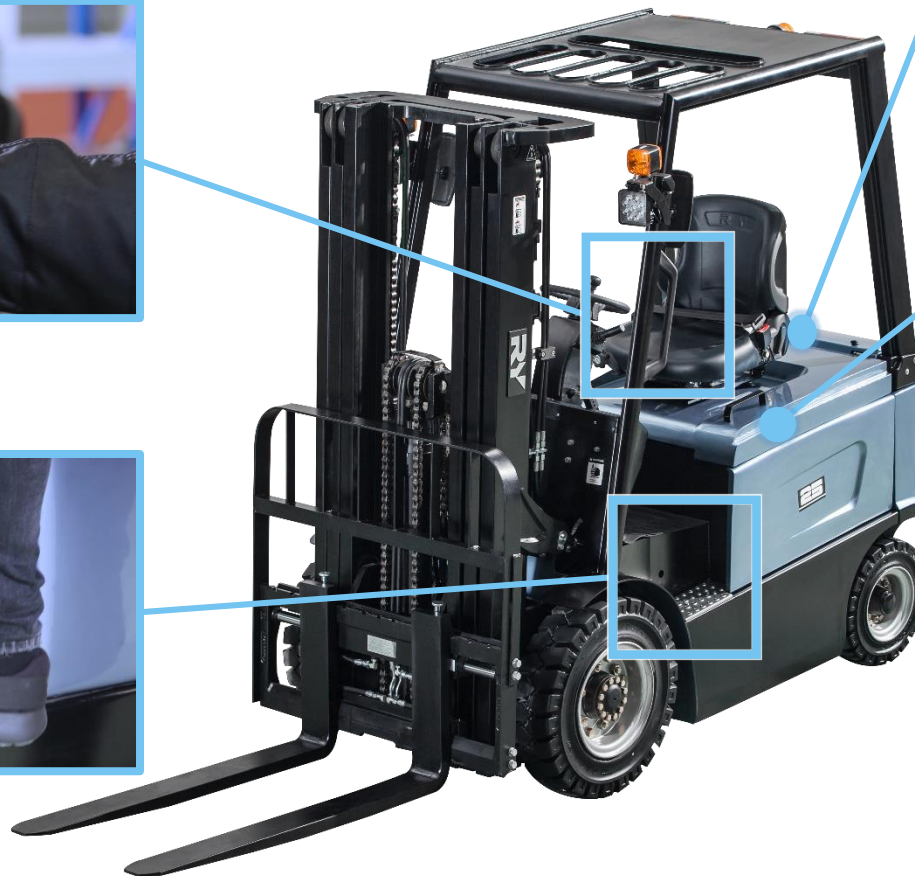
The large assist grip, low step, and foot-activated parking brake make getting on and off more smooth. This can help reduce the operator's fatigue.



Large Assist Grip



Low and Wide Step



Easy Maintenance

Easy opened counter balance cover, to protect controller to avoid the damage when reversing. And it makes the electrical system arrangement optimized.



Royal Electric Forklift Introduction

Standard 3-Wheel Electric Forklift



Capacity

1600/1800/2000kgs



Motors

Driven: KDS x 2

Pump: KDS x 1



Controller

ZAPI Full AC



Battery

48V Chinese brand/Germany Hawker

Royal Electric Forklift Introduction

Compact Body and Turning Performance



The dual AC motor front wheel drive allows compact turns.



Outstanding tight-turn performance for effective warehouse operations.

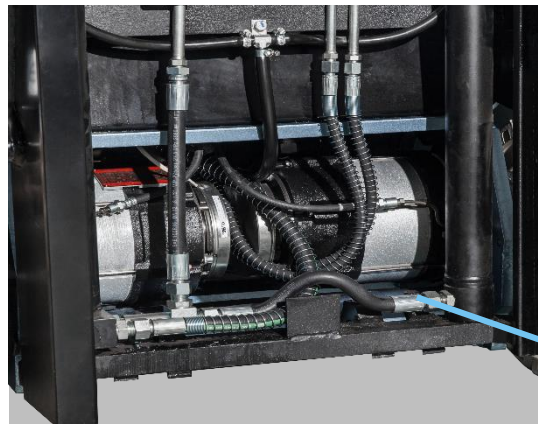
Intelligent Display

The Multifunction Display offers useful information for operators and managers.



Dual Driven Motors

Pivot turning by the dual AC motors makes for easier operations in narrow aisles.



Finger Tips **OPT**

The Finger tips allows smooth operation. The design featuring an armrest also helps to reduce the operator's fatigue.



This assist grip with horn button enhances reverse travel comfort and offers easy horn operation while travelling in reverse.

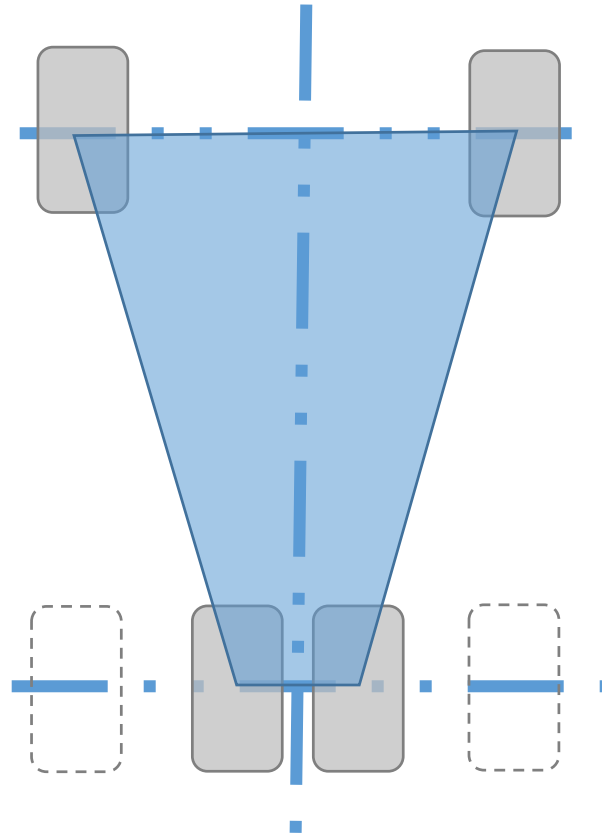
Royal Electric Forklift Introduction

Stable Travel, Turning and Load Handling



Double Rear Tires

Double rear tires achieve stability during travel and turning as well as greater rated load capacity at high mast heights. The Same Lateral Stability As 4-wheel Forklifts.



Royal Electric Forklift Introduction

Operability and Comfort



Easy Battery Exchanging
Battery Side-out system is standard for all Royal's electric models.



Royal Electric Forklift Introduction

High Performance 4-Wheel Electric Forklift

Capacity

2000kgs

Motors

Driven: KDS x 2

Pump: KDS x 1

Controller

ZAPI Full AC

Battery

48V Chinese brand/Germany Hawker

Royal Electric Forklift Introduction

High Performance 4-Wheel Electric Forklift

Depending on steering angle, the system controls the motor output and motor rotating direction, enabling smooth pivot turning.

The small turning radius achieved through the compact body and the configuration makes possible an effective use of working space.



Royal Electric Forklift Introduction

High Performance 4-Wheel Electric Forklift

Working Efficiency

**20%
UP**

Newly developed high performance 4-wheel electric forklift greatly reduces energy consumption. This increases the working efficiency by 20%.



Main Components & Configuration Comparison



Components/Model	Std. 4-Wheel	Std. 3-Wheel	HP 4-Wheel
Capacity	1.5-3.5ton	1.6-2.0ton	2.0ton
Controller	Italy ZAPI AC	Italy ZAPI AC	Italy ZAPI AC
Transmission	China Zhongnan	Germany ZF	Germany ZF
Driven Motor	USA KDS x 1	USA KDS x 2	USA KDS x 2
Pump Motor	USA KDS x 1	USA KDS x 1	USA KDS x 1
Battery	China / German Hawker (OPT)	China / German Hawker (OPT)	China / German Hawker (OPT)
Battery Side-out	STD.	STD.	STD.
*Auto Parking	No	STD.	STD.
Finger tips	OPT	OPT	OPT

- Auto Parking: Electromagnetic parking. It means when the truck stopped without operation for 2-3 secs., the truck be automatically in parking brake situation.
- Features and equipment may vary depending on market.



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