



Industrial Vehicle

Recognized as a world-renowned logistics equipment producer that has earned various certificates such as “world-class products of Korea,” Doosan Corporation Industrial Vehicle produces engine-powered forklifts, electric forklifts and Warehouse Equipment.

Engine-powered forklifts / Electric forklifts / Warehouse equipment



Summary

Vision

Doosan Corporation Industrial Vehicle is leaping forward as a “Total Logistics Solution Provider” by expanding its product platforms and business models.

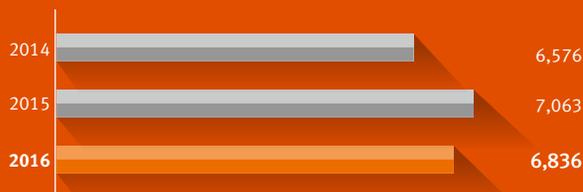


History

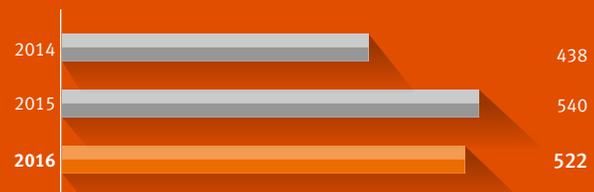
- 1968** • Began forklift production
- 1979** • Developed Electric Forklift
- 1990** • Achieved a total of 50,000 exported forklifts
- 1993** • Developed/Exported an independent model
- 1998** • Began production of forklifts at Yantai Factory, China
- 1999** • Established the global market sales network in 87 countries
- 2000** • Developed G-5 series
- 2002** • Selected as a world-class product
- 2004** • Began sales as “Doosan” brand
 - Received the Grand Prize for Ergonomic Design Awards
- 2006** • Forklift sales surpassed 300,000 units
 - Received UK FLTA Award “Safety”
- 2008** • Acquired the Warehouse equipment company “ATL” (Now DILE)
 - Received UK FLTA Award “Safety”
- 2010** • Developed a mega-sized forklift (18-ton)
- 2011** • Launched Doosan Industrial Vehicle
- 2013** • Merged with Doosan Corporation
- 2015** • Takeover Rushlift - Forklift rental company in UK
- 2016** • Received UK FLTA Award “Excellence”

Snapshot

Sales (KRW 100 million)



Operating Profits (KRW 100 million)



※ Including Overseas Subsidiaries

Internal Combustion Forklift

Engine-powered Forklift

Engine-powered forklifts are high-performance forklifts that provide the best quality satisfaction at any industrial site due to their strong power, remarkable performance, unique durability and superior fuel efficiency.

Product Overview

With an accurate system designed based on numerous on-site analysis cases, engine-powered forklifts demonstrate outstanding power and remarkable performance. Offering excellent work efficiency, they help to upgrade on-site productivity one step further.

As engine-powered forklifts are equipped with Doosan's G2 Engine with reduced exhaust emissions and enhanced fuel efficiency and oil-cooled disk brakes, they boast a semi-permanent lifespan and provide uniform and controlled performance.

For enhanced safety, a hydraulic automatic locking system (ISO 3691) is applied. This prevents the machine from operating when the engine is suspended or the driver leaves the seat for three seconds or longer.

Product Characteristics and Benefits

- ▶ Modern appearance
- ▶ Improved radiation performance and enhanced frame stiffness
- ▶ Ergonomically-designed and comfortable driver's seat
- ▶ Highest output and lowest fuel consumption rate among similarly sized forklifts
- ▶ Luxurious suspension seat
- ▶ OSS (Operator Sensing System) secures safety

Line-up

- ▶ Diesel Type 1.5–25 ton
- ▶ LP-Gas Type 1.5– 7 ton



Electric Forklift

With a zero level of pollution and noise, high energy efficiency, remarkable performance, and inexpensive maintenance cost, an AC electric forklift serves as highly efficient machinery for all indoor and outdoor logistics sites.

Product Overview

With a single charge, the AC (alternating current) system allows use of the machine for a 15 percent longer time than a DC (direct current) system. As the AC motor does not have a systemic brush, this reduces maintenance costs. The AC controller also features remarkable quality and radiation performance.

The ACT (Active Control Technology) system is applied for operation to allow the driver to easily optimize vehicle performance through the LCD screen. The comfortable deluxe seat and ergonomic seat design provide the driver with a convenient and excellent driving experience.

Through the LCD dashboard with self-diagnosis function, the condition of the equipment can be seen at a glance for convenient checks and repairs.

For enhanced safety, a hydraulic automatic locking system (ISO 3691) is applied. This prevents the machine from operating when the driver leaves the seat for three seconds or longer.

Product Characteristics and Benefits

- ▶ High-efficiency AC motor and controller
- ▶ Enhanced the time for continuous use of battery
- ▶ Low-noise drive axle with remarkable durability and control performance
- ▶ Comfortable driver's seat and easy and convenient control device
- ▶ Oil-cooled brake system with high reliability
- ▶ Electric Assist Brake and Anti-Roll Down

Line-up

- ▶ Pneumatic Tire 4-Wheel 1.5-5.0 ton
- ▶ Pneumatic Tire 3-Wheel 1.3-2.0 ton
- ▶ Cushion Tire 4-Wheel 1.5-3.2 Ton



Warehouse Equipment

Warehouse equipment is necessary for logistics sites, and they exhibit remarkable mobility in small spaces, due to their compact size and design that minimizes the radius of rotation.

Product Overview

Warehouse equipment is eco-friendly and has low maintenance costs, due to the installation of the AC system that keeps current consumption low. It can also move machines smoothly and control them in a sophisticated manner with high work efficiency.

As electric forklifts have a compact size and small radius of rotation, they have great mobility, even in narrow spaces. These forklifts can also elevate machines to a maximum height of 8 meters to allow efficient work, even in vertically-designed warehouses.

Tow/transport vehicles provide various options suitable for each work condition such as changing the height and size of loop for towing. These products have sufficient strength and durability to tow a cart with a heavy load in a stable way.

Product Characteristics and Benefits

- ▶ Placement of a small-sized wheel for comfortable steering and lever for combined motion
- ▶ Horn and Switch for shutting down power source in emergency
- ▶ Electric Assist brake / Anti-roll down
- ▶ Massive-capacity battery / Long Durability
- ▶ Comfortable driver's seat and large-sized rear view mirror with wide viewing angle
- ▶ Safe driving mode function

Line-up

- ▶ Reach truck 1.3~2.5 ton
- ▶ Pallet truck: Hand pallet truck, Walkie pallet truck, Rider pallet truck
- ▶ Stacker: Walkie stacker, Platform stacker
- ▶ Tow Tractor: Personnel carrier / Burden carrier / Tugger
- ▶ Other: Order picker / Center control rider, Stock chaser





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