

Warehouse Equipment

1.25 to 5.0 tonnes series

Reach trucks, pallet trucks, order pickers
& pallet stackers



The World's Leading Infrastructure Support Business



Welcome to Doosan

Doosan is a world leader in the equipment design, construction and power sectors.

From forklifts to fashion, our diverse family of companies helps build landscapes and improve lifestyles around the world.

We use the experience and engineering skills developed for all our Infrastructure Support products when developing new materials handling equipment.

Over the past 50 years our product offering has included construction and earth moving equipment, military vehicles, machine tools and diesel engines.

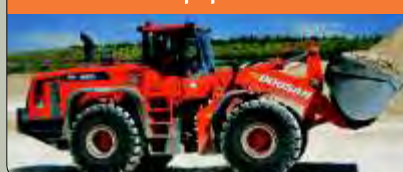
In recent years we've added articulated dump trucks, Bobcat utility vehicles, compressors, portable power generators and warehouse equipment.

Where there is progress, you will find Doosan building industrial facilities, providing equipment and machinery, developing infrastructure and bringing people together.

Forklifts



Construction Equipment



Machine Tools



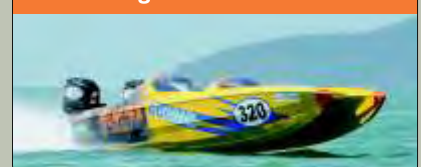
Bobcat Utility Vehicles



Doosan Babcock



Marine Engines





All our models with centred or offset tiller arms offer superb controls and manoeuvrability.

For applications where loads are transported over large distances, the offset arms provide the opportunity to walk freely along-side the truck, whilst the centred arm makes perfect sense where traction and movement are at a premium.

Powerful warehouse equipment that's built to last.

Doosan designs and manufactures a comprehensive range of equipment for your warehousing needs.

Building rugged, reliable, yet simple machines, has allowed us to become a leading provider of materials handling equipment in the UK.

By adding high specification features, and proven technology, our aim is to increase productivity whilst lowering equipment lifetime costs.

The UK has one of the most sophisticated materials handling markets in the world.

Our UK infrastructure reflects this with our new parts distribution centre in Northampton, plus our network of local dealers and national partners.

Despite our relatively short time in existence in the UK, we work with many leading organisations, including BA World Cargo, Allied Bakeries and British Sugar.

Elsewhere in the world we count the UN, Coca-Cola and Rolls-Royce amongst our valued customers.

Our warehouse equipment is designed and built in our specialist facility in Germany.

Located on the outskirts of Berlin, Doosan manufactures a range of equipment, complete with electronic AC systems, traction control and modern energy management, aimed at the air cargo, beverage and freight forwarding industries, as well as the general warehousing sector.

Up to 90 percent of the equipment components are manufactured on site and specifications are often re-designed to provide bespoke products for specialist applications.

Designing a pallet truck that's more than the sum of its parts



Tiller Control

Ergonomically designed tiller arm with dual butterfly switches, facilitating use by right or left handed operator. Integrated turtle button allows reduced speed when manoeuvring in tighter areas



Clear Instrumentation

Easy-to-read panel displays all key truck parameters and settings.



Roll out battery

Nylon rollers allow the battery to be removed with little effort, making batter exchange simple and safe.



Easy Pallet entry/exit

Contoured fork design and tandem load wheels allow for easy entry and exit of palletised loads



Robust construction

Our heavy duty construction utilises thick gauge steel, ensuring there's less damage and no vulnerable plastic parts, lowering lifetime costs.



Doosan warehouse equipment options

Pedestrian pallet trucks



Ideal for:

Loading and unloading operations within warehousing and distribution businesses. Manoeuvrable and easy to operate, our low cost pallet trucks are designed to provide you maximum usability and flexibility.

Ride on pallet trucks



Ideal for:

Indoor and some outdoor uses. Our ride on pallet trucks are an excellent tool when you need to transfer goods over medium to long distances. Fast and durable, they provide excellent battery efficiency and productivity.



Emergency stop

Large button with push away safety function, ensuring operators do not get injured between a wall or load and the pallet truck



Tiller Arm Location

Choose the option that's right for you, with offset arm location for transporting goods in a warehouse or central arm location for better traction across loading docks



Chassis Design

Compact and stable chassis for maximum manoeuvrability in the tightest of spaces



AC Power

Fully programmable operator parameters for total customisation of acceleration, top speed and braking



It's a Doosan!

The World's leading value forklift truck brand and the only major manufacturer to offer two leading ranges of trucks - the high spec Pro5 Range and economy GX Series.

Pallet stackers



Ideal for:

Warehouse applications where space is at a premium. Our reliable range of pallet stackers are excellent for applications with low to mid height storage racking. Energy efficient and low maintenance, these workhorses offer excellent value.

Order Pickers



Ideal for:

Indoor cross-docking and load shuttling. Providing operator comfort and ease of use is crucial to successful order picking activities. Our low level order pickers offer an efficient, tough and practical solution for medium to intensive applications.



Our low level order pickers come with an integral floorplate safety switch, operator clipboard and pedestrian buttons, all as standard.



Award-winning safety features & class-leading performance

Our designs are guided by a clear ethos: Simple, Powerful Performance

All our products offer excellent value and market-leading levels of productivity, without over complicated design or confusing usability.

Furthermore, as part of our continuing global products development strategy, Doosan's team of design engineers had five S core competences in mind when developing the Pro-5 series: Strong, Safe, Stable, Smart and Stylish.

Strong | We use proven, durable components in all our machines. Often the strength of materials and production techniques lead to the durability of our products far outstripping that of our competitors.

Safe | Safety is of paramount importance and many of our recent awards have been in recognition of our excellent safety features. One such system is the speed reduction feature on our powered pallet trucks.

The safe operational speed of a ride-on powered pallet truck can vary depending on the type of movement being undertaken. With this in mind, Doosan has developed an innovative programmable system to allow different speed limits to be set for turning, with and without loads, and operation in a straight line.

Special sensors detect speed and operation and control speed accordingly. The result is the LEDH20MP can be programmed for safe operation at, for example, 8Kmph, reducing to 5Kmph when turning and 3Kmph when turning whilst fully laden, or whilst the operator is not stood on the platform.

Stable | All our products offer high residual capacities and smooth and stable operation. Our forklift stability ratings often greatly exceed that of the required levels for our products and all our electric models uses optical pulse technology to control travel speeds during cornering, reducing the risk of overturning.

Smart | In addition to being simple to operate with intelligent options, such as the low level order picker foot switch, fixed back and side protection and walk alongside buttons; a host of other smart features improve operation and productivity.

Stylish | With a modern, neat appearance, our latest range is our most advanced yet. We continue to research market trends to ensure we maintain a modern look and retain our position as the leading value forklift brand.



available with offset or centrally placed tiller arm



LEDH20MP

Additional features include:

- Spring loaded flip down platform
- Side safety bars as standard
- A robust 5 point chassis
- Highly efficient load lift, designed to lift without the battery weight
- Speed reduction in cornering
- Optional Fixed Back protection
- Optional Fixed Side Protection
- Standard side battery change, with the battery located on Nylon rollers

LEDH 1.8t-5.0t

Additional features include:

- AC controlled power unit
- Small Turning Radius
- Capacities 1,800kg, 2,000kg, 2,200kg, 4,000kg, 5,000kg
- Available with offset or centrally placed tiller arm
- 230 amp hour battery
- 12 Hour single phase charger



DOOSAN

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PRECAUTIONS BATTERY FLUID FOR TRANSPORTATION



LEDD Double Pallet Stacker

Additional features include:

- Double stacker capable of moving two pallets at once
- Small turning radius
- Heavy duty construction, thick gauge steel, no vulnerable plastic parts
- Lower lifetime cost
- Low profile Load Legs
- Rider Platform option
- Fully programmable functions
- Coldstore option up to -30 degrees
- 230 amp hour battery
- 12 Hour single phase charger

LEKF20 Low Level Order Picker

Additional features include:

- Compact chassis design
- Low step in platform
- Fatigue reducing cushioned rubber standing area
- Presence sensing footplate (tiller arm operation is prohibited unless operator is on the truck)
- Operator Clipboard as standard
- Low profile Load Legs
- Pedestrian buttons (see picture inset) on side of truck allow forward or backwards travel whilst walking alongside
- Electronic steering as standard
- Travel speed reduction when cornering
- 375 amp hour battery
- 12 Hour single phase charger

LEDS Pallet Stacker

Additional features include:

- Low profile load legs
- Capacities up to 1.6ton
- Clear view simplex, duplex or triplex masts
- Lift heights up to 4790mm
- 230 amp hour battery
- 12 Hour single phase charger



Standard features & option availability

Standard features across the range:

Powerful, maintenance free AC Motors, providing a smooth operation

Excellent manoeuvrability and compact chassis design

Lower lifetime costs. Thanks to the heavy duty construction using thick gauge steel, there is less potential damage and no vulnerable plastic parts

Ergonomic Tiller Arm, featuring twin butterfly switches, tortoise button for a slow operation with the tiller arm in the upright position

Emergency stop button on the head of tiller arm also pushes the truck away from the operator when pressed

Electric Brake can be adjusted to suit the application and operator preference.

Battery disconnect switch

Battery Display/Hour Meter / Key switch

Fully programmable Zapi control system

Tandem load wheels

Other options are available. Please ask your local Doosan representative for more details.

Main specifications

	Unit	LEDH18	LEDH20	LEDH22	LEDH40	LEDH50	LEDH20MP
Base Capacity	kgs	1800	2000	2200	4000	5000	2000
Load Centre	mm	600	600	600	600	600	600
Overall Length	mm	1680	1680	1680	1945	1945	2375
Overall Width	mm	660	660	660	690	690	700
Chassis Length	mm	490	490	490	755	755	729
Wheel Base	mm	1340	1340	1340	1445	1445	1539
Forks Closed Height	mm	85	85	85	95	95	85
Turning Radius	mm	1490	1490	1490	1630	1630	1676

	Unit	LEDS12.5	LEDS16	LEDS12.5B	LEDD12.5	LEDD18	LEDD20	LEKF20
Base Capacity	kgs	1250	1600	1250	1250	1800	2000	2000
Load Centre	mm	600	600	600	600	600	600	1200
Overall Length	mm	1860	1930	1930	1860	1860	1860	3610
Overall Width	mm	660	790	790	660	660	660	760
Chassis Length	mm	660	734	734	660	660	660	1255
Wheel Base	mm	1455	1327	1327	1510	1510	1510	2160
Forks Closed Height	mm	90	90	90	90	90	90	90
Turning Radius	mm	1610	1490	1490	1670	1670	1670	2845



A Reliable Partner With A Proud History

Doosan is a world leader in construction and infrastructure support.

We are paving the way for new growth as one of the world's top 5 firms in the industrial vehicle sector.

Our growth in the UK is testament to the philosophy of developing simple, powerful products that combine superb performance with great value.

Originally founded in 1896, Doosan now employs over 38,500 people in 33 different countries and has an annual turnover in excess of \$20 billion.

Following recent multi-million pound acquisitions and investments, Doosan now owns Babcock, Bobcat and Moxy, amongst others.

Our portfolio includes forklift trucks, warehouse equipment, nuclear energy, construction equipment, machine tools, portable power generators, articulating dump trucks and diesel engines.



www.doosanforklifts.co.uk