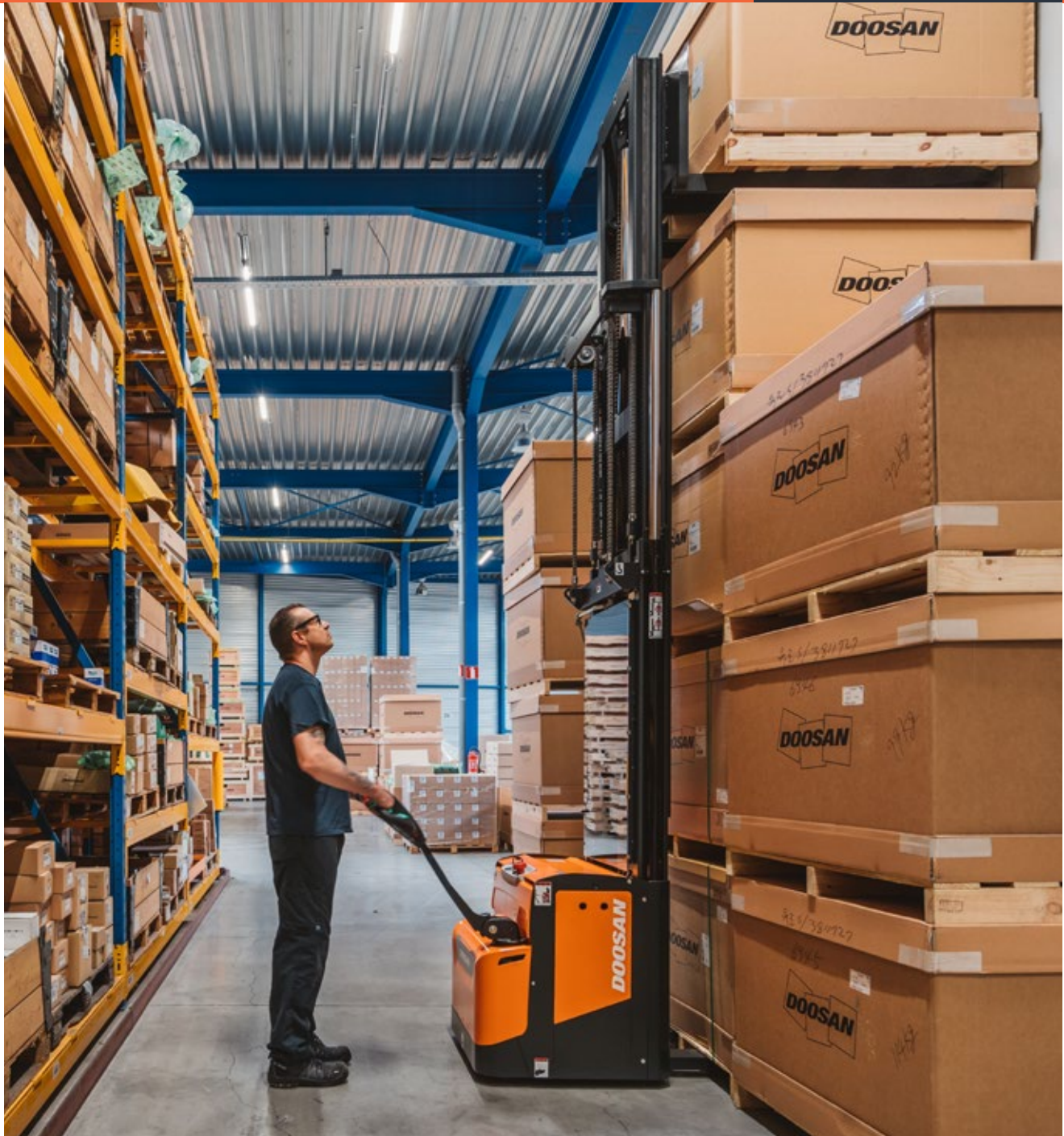


DOOSAN

BSL14/16/20S-7, BSR16S-7, BSW13S-5
BDL13S-7(H), BDR13S-7, BDW13S-5, BSL10/13S-7C

STACKERS

Walkie - Platform - Riders



Lifting your dreams



For the various pallet stacking applications that you encounter daily in your warehouse, we offer a durable solution. You can contact us for electric rider stacker and double stackers with a capacity up to 2 tons.

Our stackers are built with durable materials for long-term performance without compromising the ergonomics and safety of the operator.

You are guaranteed to have smooth and efficient operations.




Choose a Doosan, increase productivity in your warehouse.

Other products in our warehouse range:

- Pallet trucks (walkie - platform - rider)
- Reach trucks (narrow - standard - heavy)



Product range

-  Capacity
-  Lift height
-  Overall width

SINGLE STACKERS



BSL10/13S-7C

-  1,000 / 1,250 kg
-  1,790 - 3,590 mm
-  660 mm

Pedestrian
Off-Set Drive Unit



BSL14/16S-7

-  1,400 / 1,600 kg
-  2,890 - 5,390 mm
-  790 mm

Pedestrian
Off-Set Drive Unit






BSL20S-7

-  2,000 kg
-  2,890 - 5,390 mm
-  790 mm

Pedestrian
Off-Set Drive Unit






BSR16S-7

-  1,600 kg
-  2,890 - 4,790 mm
-  790 mm

Ride-on Platform,
Centre Drive Unit



BSW13S-5





-  1,250 kg
-  2,890 mm
-  800 mm

Stand-in

DOUBLE STACKERS



**BDL13S-7
BDL13S-7H**

-  1,250 - 1,800 kg
-  1,250 - 2,000 kg
-  690 - 2,490 mm
-  660 mm

Pedestrian
Off-Set Drive Unit






BDR13S-7

-  1,250 - 2,000 kg
-  1,790 - 2,090 mm
-  700 mm

Ride-on Platform,
Centre Drive Unit



BDW13S-5

-  1,250 / 2,000 kg
-  1,790 mm
-  800 mm

Stand-in

MAJOR SPECIFICATIONS

| | | BSL10S-7C | BSL13S-7C | BSL14S-7 | BSL16S-7 | BSR16S-7 | BSL20S-7 | BSW13S-5 |
|----------------------|----|-------------|-------------|-------------|-------------|------------|-------------|----------|
| Base capacity | kg | 1,000 | 1,250 | 1,400 | 1,600 | 1,600 | 2,000 | 1,250 |
| Fork length | mm | 1,195 | 1,195 | 1,195 | 1,195 | 1,195 | 1,195 | 1,195 |
| Overall width | mm | 660 | 660 | 790 | 790 | 790 | 790 | 800 |
| Forks lowered height | mm | 90 | 90 | 90 | 90 | 90 | 90 | 90 |
| Turning radius | mm | 1,480 | 1,480 | 1,490 | 1,490 | 1,800 | 1,580 | 1,690 |
| Lift height | mm | 1,790-3,590 | 1,790-3,590 | 2,890-5,390 | 2,890-5,390 | 2890-4,790 | 2,890-5,390 | 2,890 |
| Battery capacity | Ah | 160-250 | 160-250 | 230-375 | 230-375 | 345-375 | 345-375 | 620 |

MAJOR SPECIFICATIONS

| | | BDL13S-7 | BDLS13S-7H | BDR13S-7 | BDW13S-5 |
|----------------------|----|-----------|------------|-------------|----------|
| Base capacity | kg | 1,800 | 2,000 | 2,000 | 2,000 |
| Fork length | mm | 1,195 | 1,195 | 1,195 | 1,195 |
| Overall width | mm | 660 | 660 | 700 | 800 |
| Forks lowered height | mm | 90 | 90 | 90 | 90 |
| Turning radius | mm | 1,670 | 1,670 | 1,900 | 1,900 |
| Lift height | mm | 690-2,490 | 690-2,490 | 1,790-2,090 | 1,790 |
| Battery capacity | Ah | 160-250 | 160-250 | 345-375 | 620 |

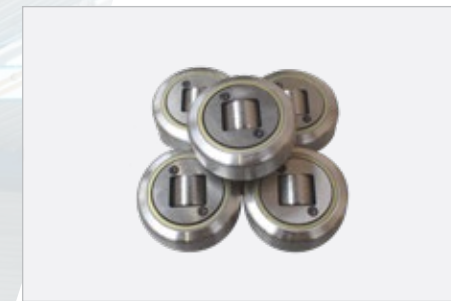


Features



Tiller control

Ergonomically designed to suit both left or right handed operators, the tiller arm features dual butterfly switches.



Combined bearings

All stackers are fitted with combined bearing to increase the reliability and precision.



Robust construction

Our heavy duty construction utilizes a metal top cover and thick plastic (or optional metal) covers, ensuring minimal damage, thus lowering lifetime costs. This low total cost of ownership makes our warehouse range perfect for even the toughest applications.



Roll out battery (heavy line)

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



AC Power

Fully programmable performance parameters enable total customization of acceleration, top speed and braking.



Proportional valve for lifting and lowering

Incremental lifting and lowering speed ensure smooth operating and safeguard the load.

Easy pallet entry/exit

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



Compact design

Compact and stable chassis for maximum manoeuvrability, even in the tightest of spaces. Operation of the pallet truck can be done safely and comfortably.





YOUR WAREHOUSING PARTNER

Standard features and optional extras

| PRODUCTIVITY | BSL10/13S-7C | BSL14/16S-7 | BSR16S-7 | BSL20S-7 | BSW13S-5 | BDL13S-7(H) | BDR13S-7 | BDW13S-5 |
|---|--------------|-------------|----------|----------|----------|-------------|----------|----------|
| Display to monitor energy and machine status | Standard | Standard | Standard | Standard | Standard | Standard | Standard | Standard |
| Mechanical steering | Standard | Standard | Standard | Standard | Standard | Standard | Standard | Standard |
| Tandem load wheels | Option | Standard | Standard | Standard | Standard | Standard | Standard | Standard |
| Chassis for 3EPzS Battery, max 375 Ah, L2 = 810 mm | Standard | Option* | Standard | Standard | Standard | Standard | Standard | Standard |
| Battery Roll-in/Roll-out system | Standard | Standard | Standard | Standard | Standard | Standard | Standard | Standard |
| Battery changing trolley for 2 batteries | Standard | Standard | Standard | Standard | Standard | Standard | Standard | Standard |
| Integrated charger 24V/30A | Standard | Standard | Standard | Standard | Standard | Standard | Standard | Standard |
| Integrated charger 24V/40A | Standard | Standard | Standard | Standard | Standard | Standard | Standard | Standard |
| Cold store version (down to -30°C) | Standard | Standard | Standard | Standard | Standard | Standard | Standard | Standard |
| Special frame coating | Standard | Standard | Standard | Standard | Standard | Standard | Standard | Standard |
| Final painting | Standard | Standard | Standard | Standard | Standard | Standard | Standard | Standard |
| Stainless steel axles and bolts | Standard | Standard | Standard | Standard | Standard | Standard | Standard | Standard |
| Greasable cross-bearings with special lubricant (down to -30°C) | Standard | Standard | Standard | Standard | Standard | Standard | Standard | Standard |
| Special hydraulic oil (down to -30°C) | Standard | Standard | Standard | Standard | Standard | Standard | Standard | Standard |
| Magnetic brake heating system | Standard | Standard | Standard | Standard | Standard | Standard | Standard | Standard |

* only available with FF and FFT Mast

| FORKS & MASTS | BSL10/13S-7C | BSL14/16S-7 | BSR16S-7 | BSL20S-7 | BSW13S-5 | BDL13S-7(H) | BDR13S-7 | BDW13S-5 |
|----------------------------------|--------------|-------------|----------|----------|----------|-------------|----------|----------|
| Forks 1,195 / 570 mm | Standard | Standard | Standard | Standard | Standard | Standard | Standard | Standard |
| Standard (STD), 690 mm | Standard | Standard | Standard | Standard | Standard | Standard | Standard | Standard |
| Standard (STD), 1,790 mm | Option | Standard | Standard | Standard | Standard | Option | Option | Standard |
| Standard (STD), 2,090 mm | Standard | Standard | Standard | Standard | Standard | Standard | Standard | Standard |
| Standard (STD), 2,490 mm | Standard | Standard | Standard | Standard | Standard | Standard | Standard | Standard |
| Standard (STD), 2,890 mm | Standard | Standard | Standard | Standard | Option | Standard | Standard | Standard |
| Standard (STD), 3,290 mm | Standard | Standard | Standard | Standard | Standard | Standard | Standard | Standard |
| Standard (STD), 3,590 mm | Standard | Standard | Standard | Standard | Standard | Standard | Standard | Standard |
| Full Free (FF), 2,890 mm | Standard | Standard | Standard | Standard | Standard | Standard | Standard | Standard |
| Full Free (FF), 3,590 mm | Standard | Standard | Standard | Standard | Standard | Standard | Standard | Standard |
| Full Free Triple (FFT), 4,190 mm | Standard | Standard | Standard | Standard | Standard | Standard | Standard | Standard |
| Full Free Triple (FFT), 4,390 mm | Standard | Standard | Standard | Standard | Standard | Standard | Standard | Standard |
| Full Free Triple (FFT), 4,790 mm | Standard | Standard | Standard | Standard | Standard | Standard | Standard | Standard |
| Full Free Triple (FFT), 5,390 mm | Standard | Standard | Standard | Standard | Standard | Standard | Standard | Standard |

Standard
Option

| RELIABILITY | BSL10/13S-7C | BSL14/16S-7 | BSR16S-7 | BSL20S-7 | BSW13S-5 | BDL13S-7(H) | BDR13S-7 | BDW13S-5 |
|--|--------------|-------------|----------|----------|----------|-------------|----------|----------|
| Stainless steel axles and bolts | Standard | Standard | Standard | Standard | Standard | Standard | Standard | Standard |
| Steel cover | Standard | Standard | Standard | Standard | Standard | Standard | Standard | Standard |
| Vulkollan™ drive wheel with tread | Standard | Standard | Standard | Standard | Standard | Standard | Standard | Standard |
| Drive wheel PEVOSOFT™ | Standard | Standard | Standard | Standard | Standard | Standard | Standard | Standard |
| Support wheel with tandem roller | Standard | Standard | Standard | Standard | Standard | Standard | Standard | Standard |
| Support wheel with adjustable working height | Standard | Standard | Standard | Standard | Standard | Standard | Standard | Standard |

| SAFETY | BSL10/13S-7C | BSL14/16S-7 | BSR16S-7 | BSL20S-7 | BSW13S-5 | BDL13S-7(H) | BDR13S-7 | BDW13S-5 |
|--|--------------|-------------|----------|----------|----------|-------------|----------|----------|
| Pin code access | Standard | Standard | Standard | Standard | Standard | Standard | Standard | Standard |
| Turtle speed switch | Standard | Standard | Standard | Standard | Standard | Standard | Standard | Standard |
| Load Backrest 1,000 mm | Standard | Standard | Standard | Standard | Standard | Standard | Standard | Standard |
| Speed reduction when mast is lifted over 1m height | Standard | Standard | Standard | Standard | Standard | Standard | Standard | Standard |
| Speed reduction when mast is lifted over 1.6m height | Standard | Standard | Standard | Standard | Standard | Standard | Standard | Standard |
| Speed reduction kit for cornering | Standard | Standard | Standard | Standard | Standard | Standard | Standard | Standard |
| Encapsulated brake | Standard | Standard | Standard | Standard | Standard | Standard | Standard | Standard |


Cold store protection OPTION

Most of our machines can be used in freezers up to -30°C. The trucks are equipped with a special frame coating, stainless steel axles and bolts, greasable cross-bearings with a special lubricant, special hydraulic oil and a magnetic brake heating system.



Pin code access

Additional safety and security is provided through a pin code access, protects the machine from unauthorised use.






Speed reduction kit for cornering OPTION

The BDR20S-7 reduces speed when cornering. The machine is adjustable according to your preferences, to increase operator comfort and safety.





-  Production Subsidiary
-  Sales Subsidiary
-  Parts Depot Center

DOOSAN

Doosan Industrial Vehicle Europe nv
Europark-Noord 36A
9100 Sint-Niklaas
Belgium

Website: www.doosaniv.com

Stackers(230123)V1EN (January 2023)

Authorized Dealer