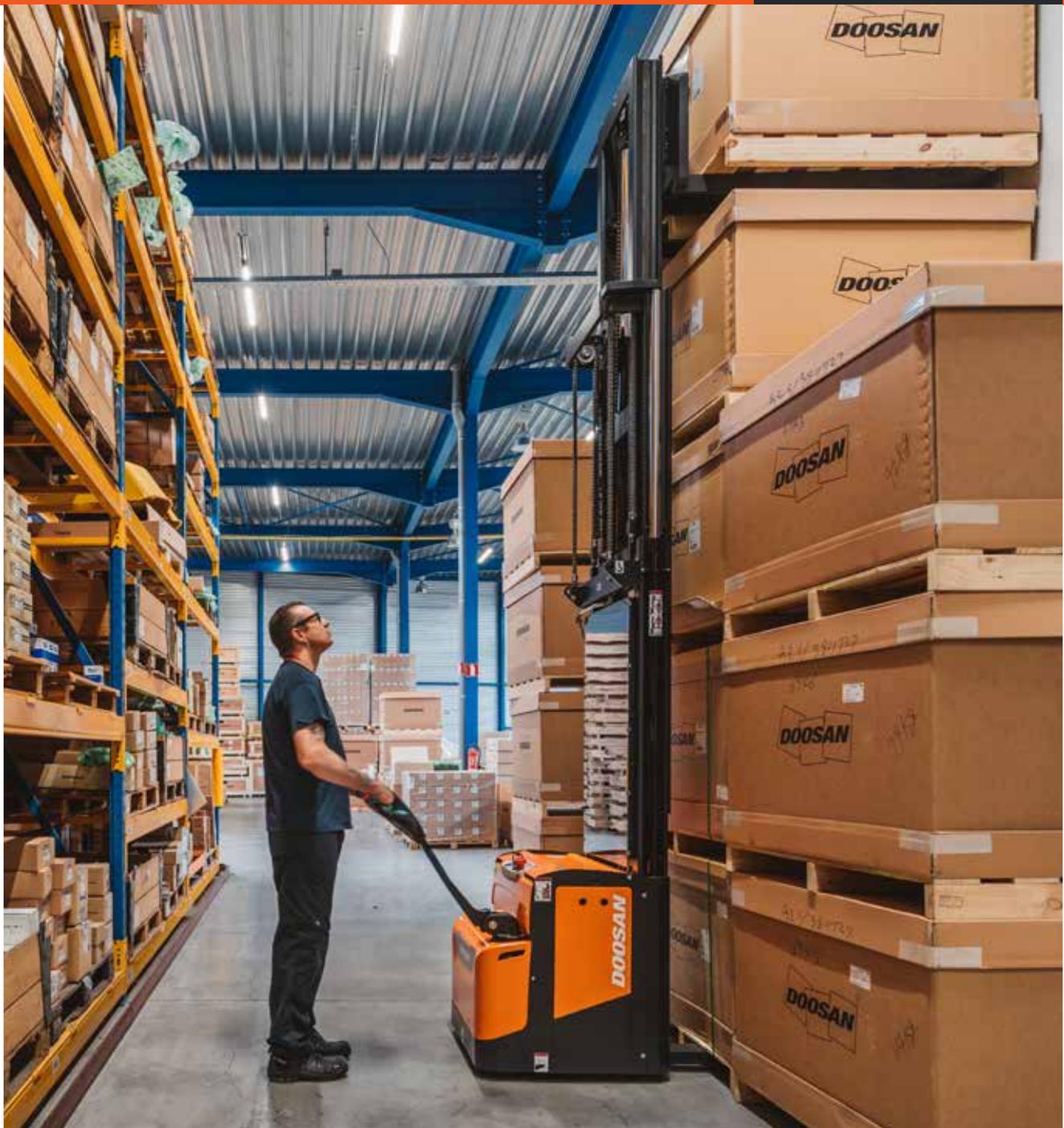




BSL14/16/20S-7, BSR16S-7, BSW13S-5  
BDL13S-7(H), BDR13S-7, BDW13S-7

# 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
-  880 mm

Pedestrian  
Off-Set Drive Unit



**BSR16S-7**

-  1,600 kg
-  2,890 - 4,790 mm
-  787 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

▲ only for BDL13S-7

### 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	880	790	800
Forks lowered height	mm	90	90	90	90	90	90	90
Turning radius	mm	1,481	1,481	1,490	1,490	1,805	1,580	1,688
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	1,899
Lift height	mm	690-2,490	1,790-2,090	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.



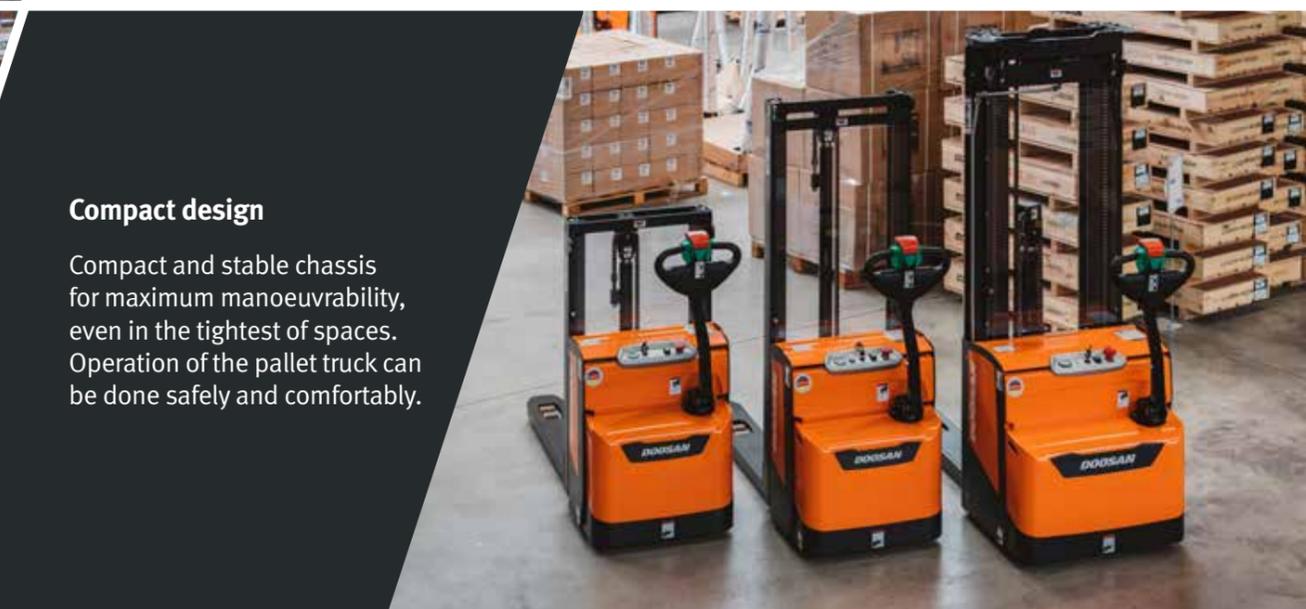
### Proportional valve for lifting and lowering

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.



**DOOSAN**

**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								
Mechanical steering								
Electrical steering, incl. speed reduction while cornering								
Tandem load wheels								
Chassis for 3EPzS Battery, max 375 Ah, L2 = 810 mm		*						
Battery Roll-in/Roll-out system								
Battery changing trolley for 2 batteries								
Integrated charger 24V/30A								
Integrated charger 24V/40A								
Cold store version (down to -30°C)								
Special frame coating								
Final painting								
Stainless steel axles and bolts								
Greasable cross-bearings with special lubricant (down to -30°C)								
Special hydraulic oil (down to -30°C)								
Magnetic brake heating system								

\* only available with FF and FFT Mast  
 \*\* not necessary to order with electrical steering

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 (STD), 690 mm						o		
Standard (STD), 1,790 mm	•							
Standard (STD), 2,090 mm	•							
Standard (STD), 2,490 mm	•					o		
Standard (STD), 2,890 mm	•							
Standard (STD), 3,290 mm	•							
Standard (STD), 3,590 mm	•							
Full Free (FF), 2,890 mm								
Full Free (FF), 3,590 mm								
Full Free Triple (FFT), 4,190 mm								
Full Free Triple (FFT), 4,390 mm								
Full Free Triple (FFT), 4,790 mm								
Full Free Triple (FFT), 5,390 mm								

o only for BDL13S-7  
 • residual capacities at full height: see specification sheet

• 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								
Steel cover								
Vulkollan™ drive wheel with tread								
Drive wheel PEVOSOFT™								
Support wheel with double roller								
Support wheel with adjustable working height								

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



**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

Stackers(211015)V1EN (October 2021)



Doosan Industrial Vehicle Europe nv

Europark-Noord 36A  
9100 Sint-Niklaas  
Belgium

Tel.: +32 3 760 09 87  
Fax: +32 3 760 09 89  
Website : [www.doosan-iv.eu](http://www.doosan-iv.eu)

Authorized Dealer