



VacuLifter® Diamond

WLL depending on setup up to 560 kg vertical resp. 800 kg horizontal

- high-grade battery for better durability with charge indicator
- integrated recharger 230 V, easy charging by feed socket
- flexible and expandable plug-in system (examples shown in data sheet)
- 90° pivotable (automatic safe lock-in positions 0° and 90°)
- 180° turnable (automatic lock-in positions 0° and $\pm 90^\circ$)
- increased safety by 2 vacuum circuits with reserve
- colour code for each vacuum circuit
- controlled by visual and acoustic safety unit
- sliding valves with safety lock
- German industrial grade components
- IP 54 protected
- electrical components protected in industrial cabinet
- solid construction for tough construction site conditions
- low-maintenance vacuum pump
- replaceable suspension
- available also as single circuit device (doubled lifting capacity max. 800 kg)
- Made in Germany

Diamond 100 – Basic
4 x U125 (Ø 250 mm, WLL 108 kg)
Dead weight: 95 kg



850 x 850 mm

Diamond 100 – Setup 2*
* extra 2 x ZUB0047
Dead weight: 95 kg



250 x 1590 mm

Diamond 100 – Setup 3*
* extra 2 x ZUB0047



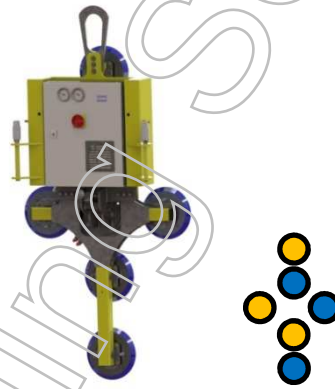
1590 x 250 mm

Diamond 150 – Basic
6 x U125 (Ø 250 mm, WLL 160 kg)
Dead weight: 105 kg



1590 x 850 mm

Diamond 150 – Setup 2



850 x 1590 mm

Diamond 200 – Basic
8 x U125 (Ø 250 mm, WLL 210 kg)
Dead weight: 115 kg



2330 x 850 mm

Diamond 200 – Setup 2



850 x 2330 mm

Diamond 200 – Setup 3*
* extra 4 x ZUB0047
Dead weight: 115 kg



1590 x 1590 mm

Diamond 250 – Basic
4 x U250 (Ø 350 mm, WLL 280 kg)
Dead weight: 110 kg



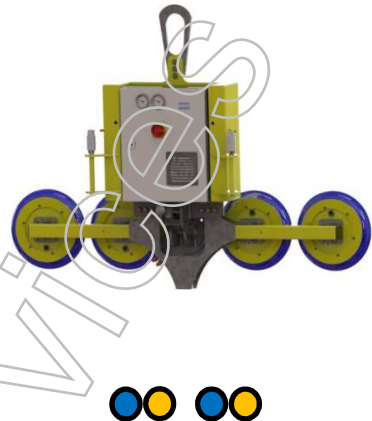
950 x 950 mm

Diamond 250 – Setup 2*
* extra 2 x ZUB0047
Dead weight: 110 kg



350 x 1690 mm

Diamond 250 – Setup 3*
* extra 2 x ZUB0047



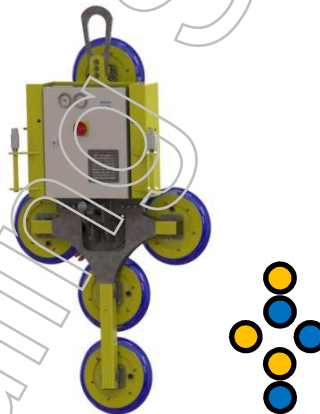
1690 x 350 mm

Diamond 400 – Basic
6 x U250 (Ø 350 mm, WLL 420 kg)
Dead weight: 130 kg



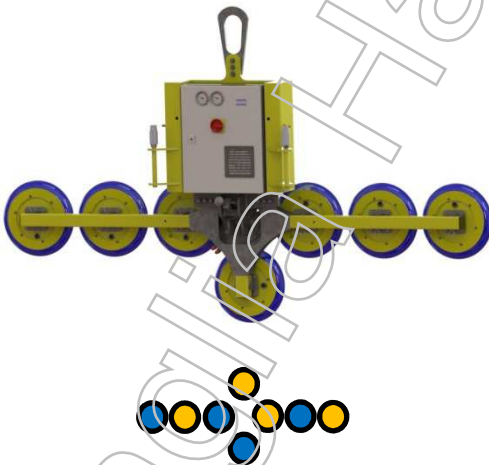
1690 x 950 mm

Diamond 400 – Setup 2



950 x 1690 mm

Diamond 500 – Basic
8 x U250 (Ø 350 mm, WLL 560 kg)
Dead weight: 140 kg



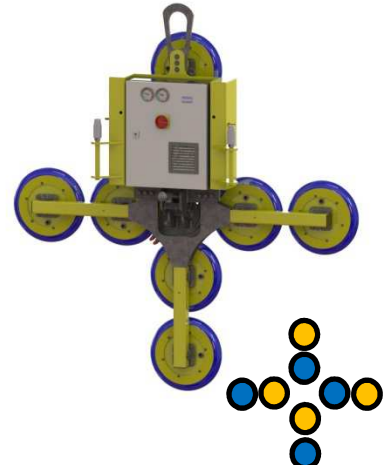
2430 x 950 mm

Diamond 500 – Setup 2



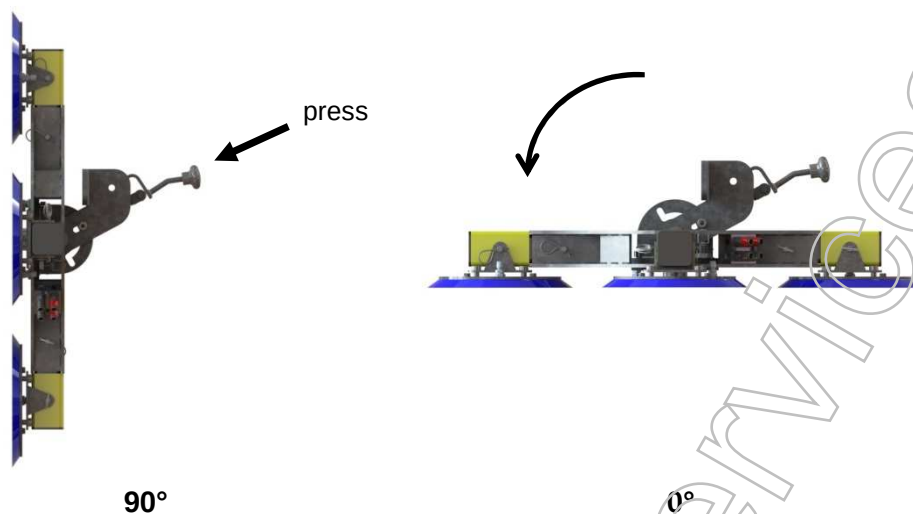
950 x 2430 mm

Diamond 500 – Setup 3*
* extra 4 x ZUB0047
Dead weight: 140 kg

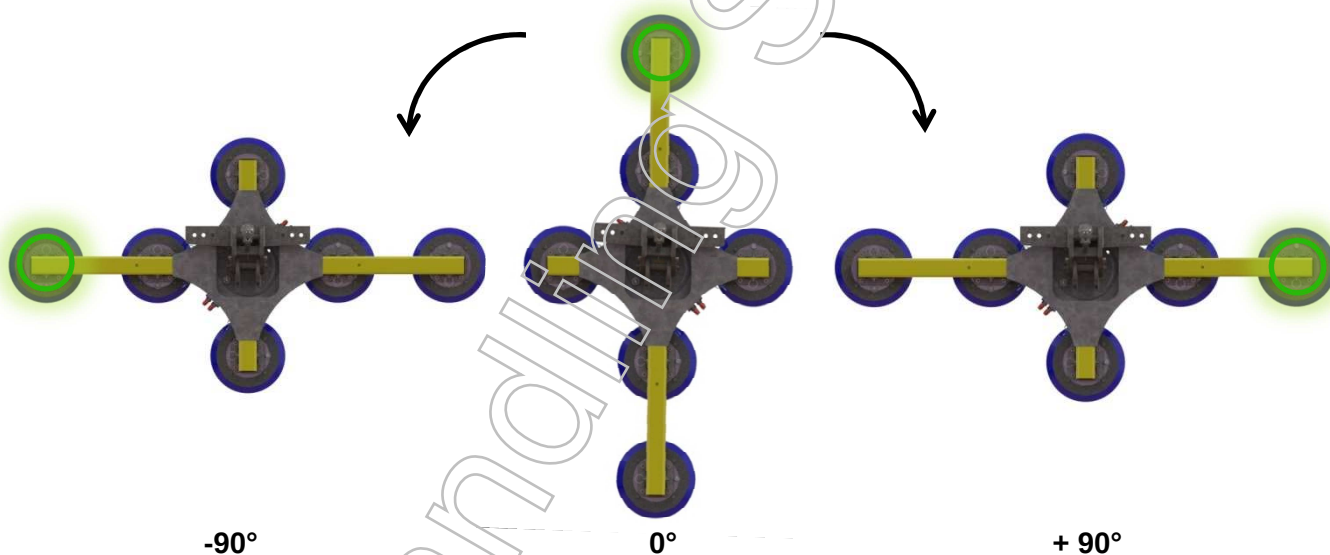


1690 x 1690 mm

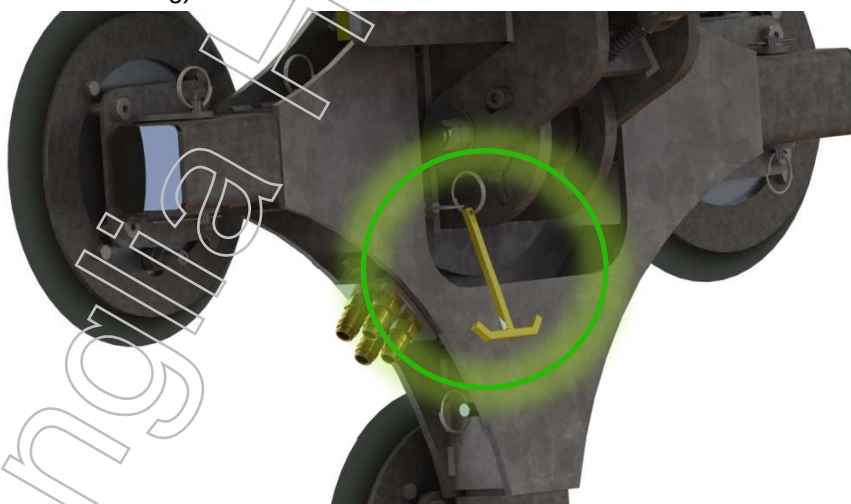
Function pivoting 90°



Function turning 180°



pull strap (automatic locking)



Details



Safety sliding valves
Item no. HS0024

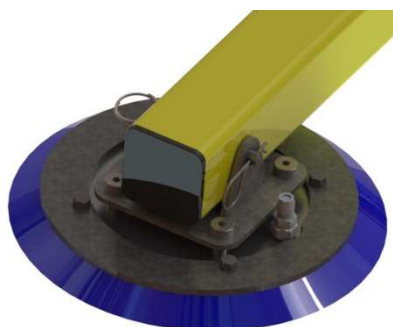


feed socket
Item no. ES0023



charge indicator
Item no. BC0001

Fast positioning of the suction pads
by secured connectors



colour code for vacuum circuits



Accessories

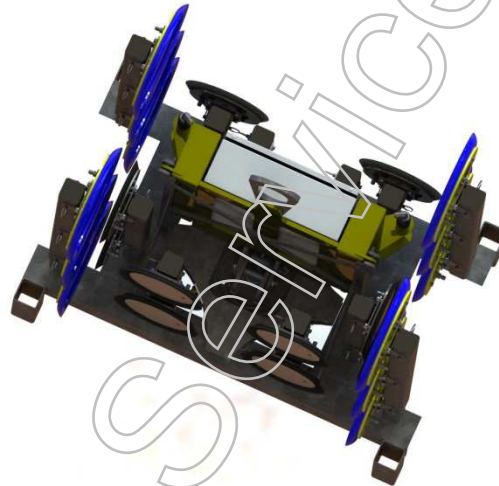
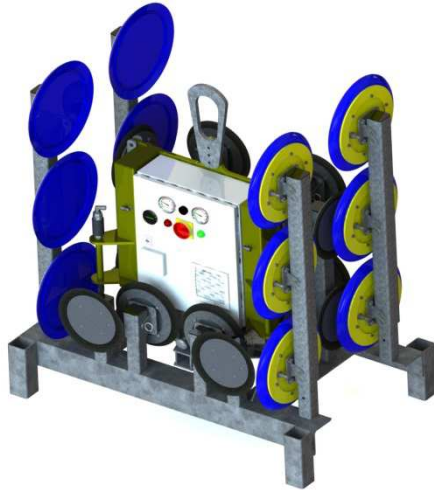
Transport rack

item no. TG0124

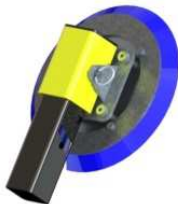
dimensions: 1200 x 800 mm (euro palett)

capacity one basic unit and 12 secured beam elements

transport possible by the suspension



Extensions 1



plug-in beam unit 1XU125

item no. STE0001

length 315 mm

1 x suction pad U125

(Ø 250 mm, WLL 27 kg)



plug-in beam unit 2XU125

item no. STE0003

length 685 mm

2 x suction pad U125

(2 x Ø 250 mm, WLL 54 kg)



plug-in beam unit 3XU125

item no. STE0004

length 1056 mm

3 x suction pad U125

(3 x Ø 250 mm, WLL 81 kg)

Extensions 2



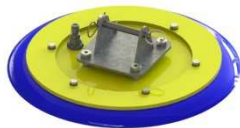
plug-in beam unit 1XU250
item no. STE0002
length 369 mm
1 x suction pad U250
(Ø 350 mm, WLL 70 kg)



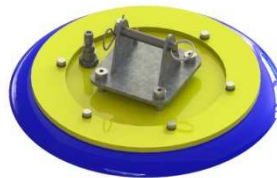
plug-in beam unit 2XU250
item no. STE0006
length 737 mm
2 x suction pad U250
(2 x Ø 350 mm, WLL 140 kg)



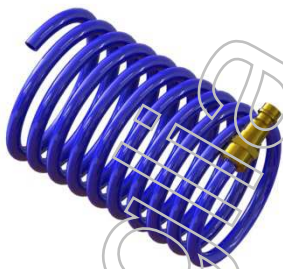
plug-in beam unit 3XU250
item no. STE0008
length 1105 mm
3 x suction pad U250
(3 x Ø 350 mm, WLL 210 kg)



suction pad U125 Diamond
(Ø 250 mm, WLL 27 kg)
ready for use
item no. SE0056



suction pad U250 Diamond
(Ø 350 mm, WLL 70 kg)
ready for use
item no. SE0057



spiral hose vacuum circuit 1 (blue)
suit all positions
item no. SK0305

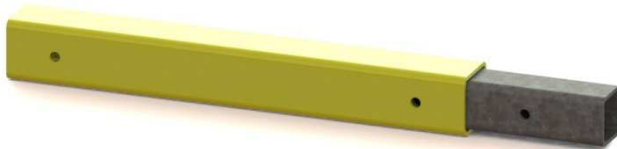


spiral hose vacuum circuit 2 (yellow)
suit all positions
item no. SK0304

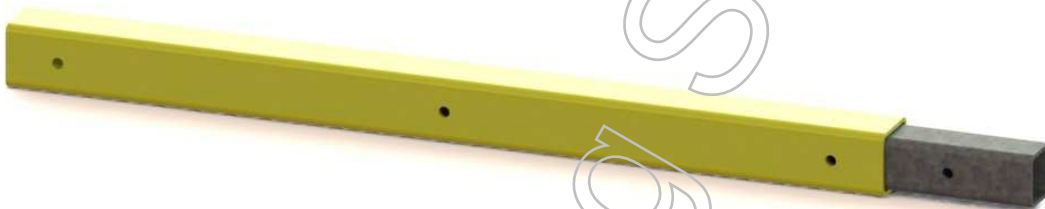
Extensions 3



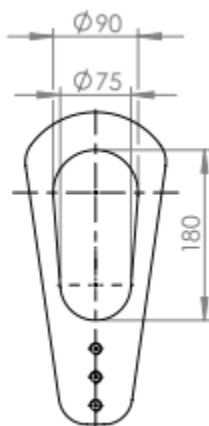
beam element 100 mm, item no. ZUB0046



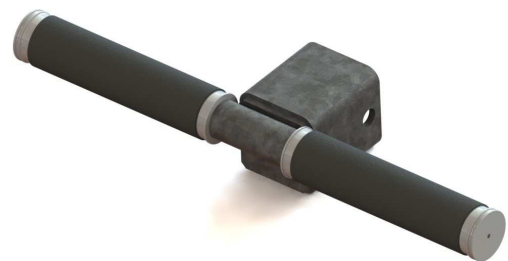
beam element 470 mm, item no. ZUB0047



beam element 840 mm, item no. ZUB0048



suspension
item no. AH0016
(customised version available)



drive handle Diamond
item no. MG0054
useable in all beams

