



Bag gripper

Handling system for bags

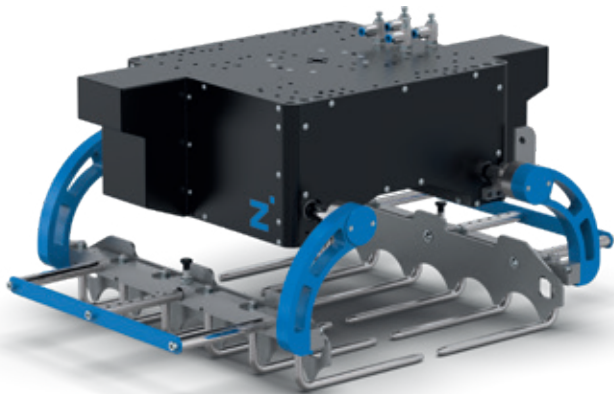
THE KNOW-HOW FACTORY

BAG GRIPPER

SYSTEM SOLUTIONS

HANDLING SYSTEM FOR BAGS

The Zimmer Group bag gripper is a one-of-a-kind end-of-arm system for handling bags filled with a wide variety of products. These include flour, fruit, vegetables, grain, fertilizer, chemicals, cement or numerous other products. At the same time, the materials of the bags to be handled also vary, including paper, plastic, jute and (woven) fabric.



Bag gripper
Order no. BAG137256

PRODUCT ADVANTAGES

- ▶ Rigid, durable and fast bag gripper for end-of-line pick and place or palletizing solution
- ▶ Modular gripper which handles a variety of bags and materials
- ▶ Easily adaptable, ready-to-install accessories provide efficiency and increased productivity
- ▶ Lightweight and ready-to-mount solutions can help get projects done faster
- ▶ Proven industry-standard solution ensures longevity, uptime and easy maintenance



IP54



Pneumatic



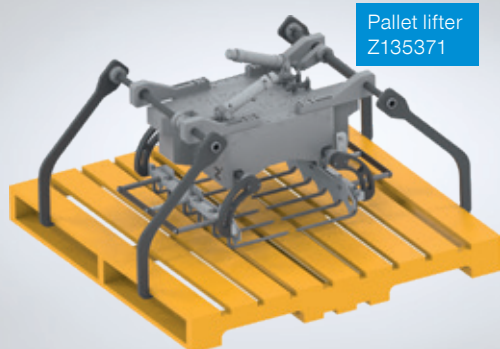
External gripping



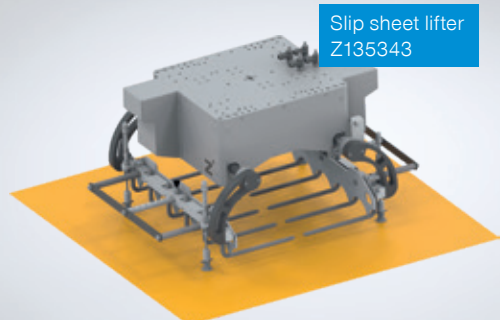
Synchronized gripper jaws



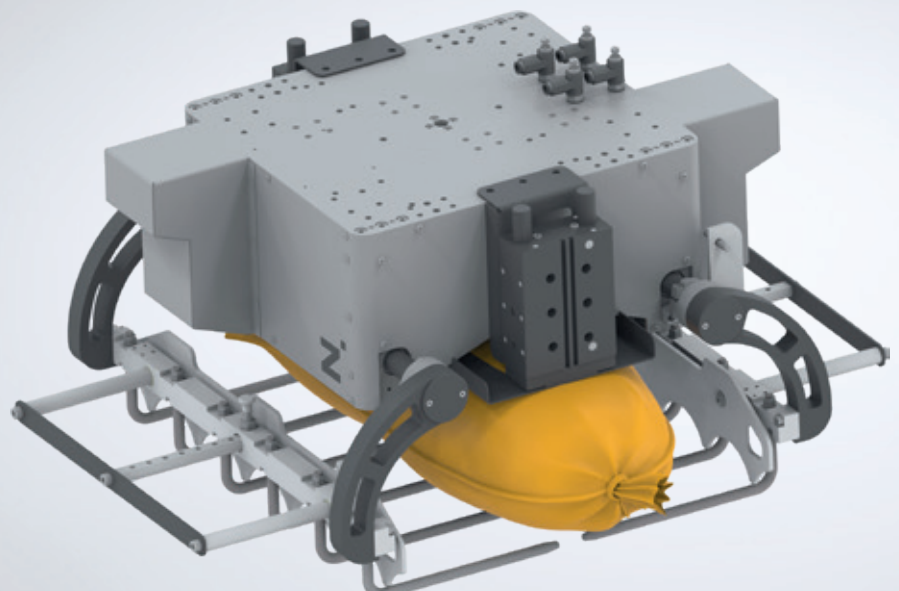
Gripping force safety device for pressure maintenance



Pallet lifter
Z135371

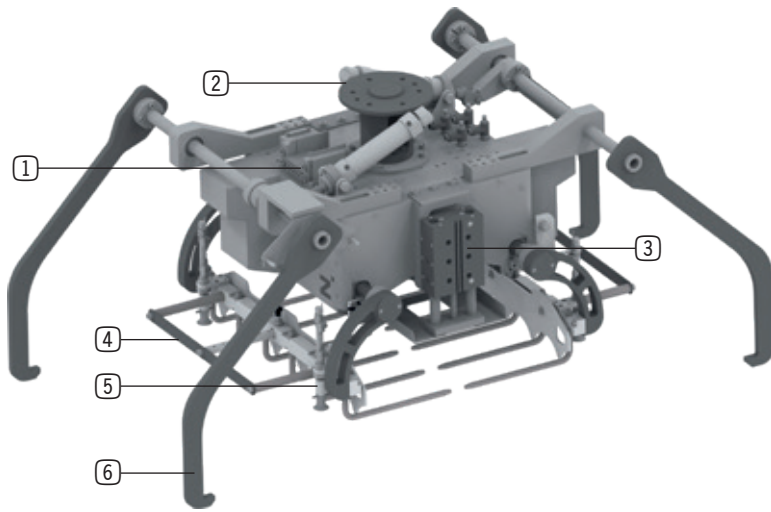


Slip sheet lifter
Z135343



Top pressure unit/hold-down device
Z135374 and Z137857

FUNCTIONS AND DETAILS



- ① Accessories: Valve terminal
- ② Accessories: Robot connecting flange
- ③ Accessories: Pressure unit (height 75-150 mm)
- ④ Adjustable jaw (width 170-430 mm)
- ⑤ Accessories: Intermediate layer gripper
- ⑥ Accessories: Pallet gripper

TECHNICAL DATA – STANDARD

	Unit	Workpiece weight	Dimension max. (lxbxh)	Dimension min. (lxbxh)	System weight	Closing time/Opening time
Order no.		[kg]	[mm]	[mm]	[kg]	[sec]
BAG137256	Bag gripper	25	600 x 430 x 150	600 x 170 x 75	45	0.6
BAG137855	Bag gripper	50	700 x 500 x 175	700 x 300 x 100	55	0.6
BAG165171	Double bag gripper	25+25	600 x 430 x 150 + 600 x 430 x 150	600 x 170 x 75 + 600 x 170 x 75	115	0.6

TECHNICAL DATA – OPTIONS

	Unit	Workpiece weight	Dimension max. (lxbxh)	Dimension min. (lxbxh)	System weight	Closing time/Opening time
Order no.		[kg]	[mm]	[mm]	[kg]	[sec]
Z135374	Top press unit [Accessory]	25	600 x 430 x 150	600 x 170 x 75	15	0.5
Z137857	Hold-down device [Accessory]	50	700 x 500 x 175	700 x 300 x 100	15	0.5
Z135343	Intermediate layer gripper [Accessory]	-	1200 x 1200	1000 x 1000	5	0.5
Z135371	Pallet lifter [Accessory]	-	1200 x 1200	1000 x 1000	30	2
Z165169* (on request)	Robot adapter Plate type	-	-	-	3	NA
Z165170* (on request)	Robot adapter Structure type	-	-	-	5.5	NA
Z165147** (on request)	Pneumatic arrangements (valve, banks, etc.)	-	-	-	-	-

* Z165169 and Z165170 as reference numbers. Specific numbers for respective robot on request.

** Z165147 as reference number. Specific numbers for different combinations on request.

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