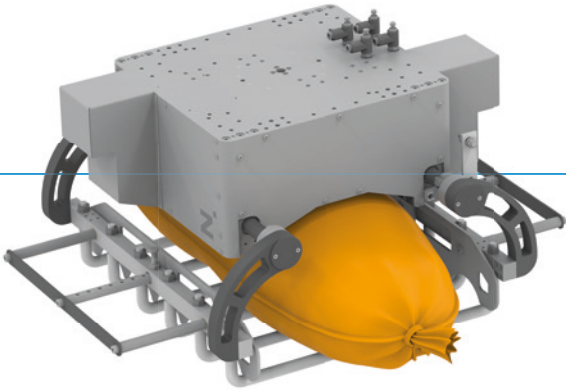


# HANDLING SYSTEM FOR BAGS

## Z01SYS137256

### ▶ PRODUCT INFORMATION



- ▶ 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. A variety of bag materials can be used, such as paper, plastic, jute, cloth or fabric. A modular design enables the gripper to be expanded with additional functions such as intermediate layer gripper, pallet handling and much more.

### ▶ CHALLENGE

- ▶ Synchronous jaw movement
- ▶ Cycle time
- ▶ Product variety in shape and size of the content
- ▶ Wide variety of bag variants
- ▶ High process flexibility
- ▶ Workpiece holding
- ▶ Dusty environment

### ▶ SOLUTION

- ▶ Drive synchronized via gear/pinion
- ▶ Large drive cylinders for fast cycle times
- ▶ Adjustable jaws and strokes for high flexibility
- ▶ Variety of jaw geometries and materials
- ▶ Function expansion thanks to modular design
- ▶ Temporary force retention via pressure retention mechanism
- ▶ Covered mechanical system and dust-protected components

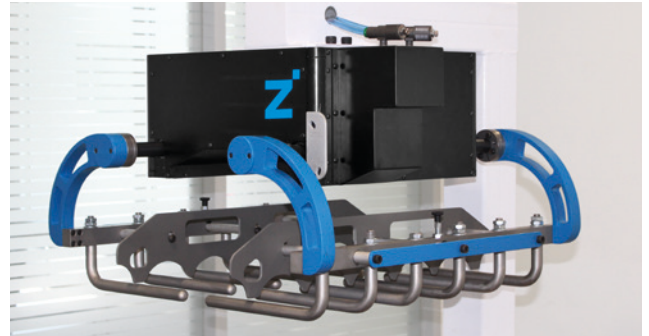
### ▶ WORKPIECE

- ▶ Workpiece weight up to 25kg (up to 100kg by request)
- ▶ Length: 600 to 750mm (filled)
- ▶ Width: 75 to 150mm (filled)
- ▶ Height: 170 to 580mm (filled)

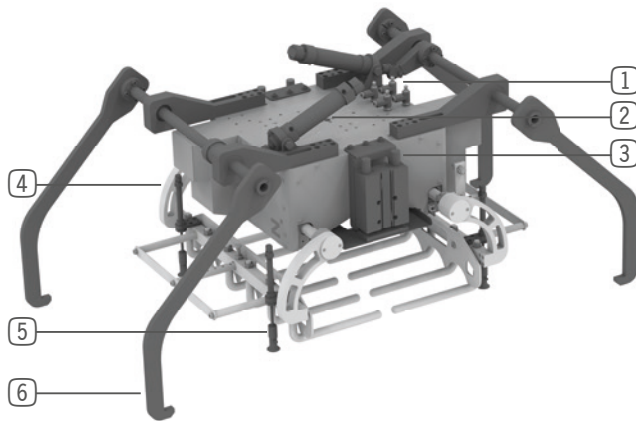


## ▶ TECHNICAL DATA

Product	Bag
Gripping technology	Form fit
Workpiece weight [kg]	25
System weight [kg]	35
Drive type	Pneumatic



## ▶ FUNCTIONS IN DETAIL



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

## ▶ MORE INFORMATION/CROSS REFERENCES

▶ Pressure unit/hold-down device  
Z01SYS135374

▶ Intermediate layer gripper  
Z01SYS135343

▶ Pallet gripper  
Z01SYS135379

