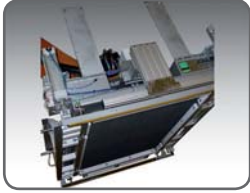


Spare Parts



Bolster :

- Help to support or relocate products to be lifted up



Clamp :

- Extra mechanical or cups grippers



Hose :

- From Ø 40 to Ø 80 mm
- Heat resistant available



Rotating connections :

- From Ø 40 to Ø 80 mm
- Available in steel or aluminum



Sensors :

- Fieldbus or regular sensor to mount on or in the gripper



Vacuum gauge :

- Digital or standard gauges



Electrovalves :

- All pneumatical equipment



Field Bus :

- Ready to use
- Different versions available



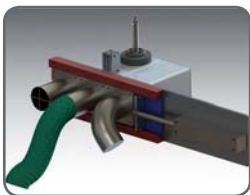
Vacuum control :

- Safety valve for electrical blower



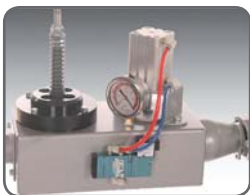
Electrical Connection :

- Sensors and all electrical equipments
- M12 connection (more on request)



Flow reverser :

- Includes vacuum control and pneumatic shuttle valve
- Designed for all Elmo Rietschle vacuum generators



Blower module :

- Includes vacuum control and pneumatic venting
- Attached to the turbine with safety vacuum valve and breathing cylinder included

From the first gripper builded to last modern gripper, Joulin is able to provide you all the parts you need for your lifter.