



Smart, Soft & Strong

# Universal gripping pads

Flexible solutions for production & logistics



## OUR INNOVATION

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### **Form-flexible shape fit**

Due to the granulate filling of the gripping pads, FORMHAND modules adapt automatically to different objects.



### **Easy integration**

FORMHAND facilitates the programming of automated processes and reduces setup times. Integration into your system is quick and easy.



### **Multifunctional use**

FORMHAND modules can be used as a mobile gripper, as a stationary fixturing or as a powerful clamping element.



### **Resource-efficient production**

By using our technology, you save energy, storage and maintenance costs. There are less handling devices required - efficiency right away!



### **Robust processes**

Leakage and position tolerance through the use of FORMHAND's technology. The gripping pads adapt to their task and grip even porous objects.



### **Gentle handling**

During gripping and clamping, the gripping force is distributed evenly over the soft gripping pad so that sensitive objects and surfaces are protected.

## Customer benefits

- + Cost saving
- + Time gain
- + Gaining space
- + Environmental protection
- + High automation potential
- + Relief for employees
- + Simplification of processes
- + Easy-to-use hardware

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„FORMHAND has the universal grip.“

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# OUR PRODUCTS

## The standard FORMHAND modules

Dimensions | Net weight | Load capacity



**FH-R8**

Ø 80 mm | 0,45 kg | 2 kg



**FH-R15**

Ø 150 mm | 3,9 kg | 8 kg



**FH-E3020**

300 mm x 200 mm | 5,6 kg | 25 kg

- ✓ Granulate-filled, freely deformable gripping pad in various materials
- ✓ Change of gripping pads without tools, quickly within seconds
- ✓ Suitable for cobots and industrial robots alike
- ✓ Declaration of incorporation and accessories available
- ✓ FORMHAND modules can be combined to large gripping systems
- ✓ Plug & produce by using the complete system



	FORCE CLOSURE	FORM CLOSURE	DISCRET GRIPPING POINTS	SOFT	SELF ADAPTION
MECHANICAL GRIPPER	✓	●	✓	✗	✗
SUCTION GRIPPER	✓	✗	✓	●	●
HOOKS & SCREWS	✗	✓	✓	✗	✗
FORMHAND MODULES	✓	✓	✗	✓	✓

✓ TRUE ● DEPENDS ON DESIGN ✗ NOT TRUE

## OUR SERVICES



### Analysis & Consulting

Evaluation of components, process and production environment with regard to the use of the FORMHAND technology

### Proof of function & Feasibility testing

Prototypic setup in the FORMHAND Test-Center, based on the identified requirements



### Planning & Integration

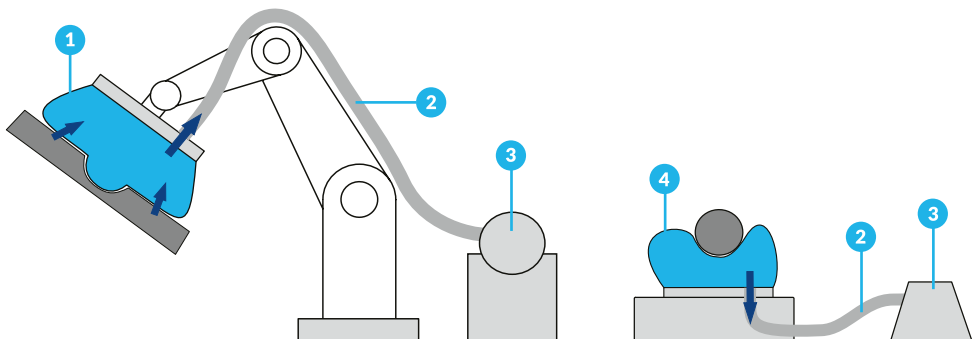
Integration of the FORMHAND modules into the customer's system including the required peripherals, use of the FORMHAND plug & produce-system

### Maintenance & Service

Maintenance of FORMHAND modules in operating production or logistics processes, spare parts and refurbishment service

„FORMHAND is flexibility  
for tomorrow's production and logistics.“

### Plug & produce-system | Gripping, Clamping, Fixturing



**1** FORMHAND module as gripper

**2** Hose module

**3** Vacuum module (blower, valve, filter)

**4** FORMHAND module as fixturing

# “ Make your production and logistics simple and flexible. ”

FORMHAND is a young high-tech company from Braunschweig that develops, produces and sells intelligent handling solutions. The FORMHAND technology combines universal, granulate-filled gripping pads with an electrically generated airflow and thus replaces rigid handling solutions. Our self-adapting gripping pads open an enormous potential for flexible and efficient processes in production and logistics. We offer our customers standard and tailor-made solutions. Further, we support the selection of required FORMHAND products as well as installing them. In our test-center we examine your specific solution thoroughly and show the customers benefits.

Our agile team will be happy to advise you. Please contact us.

## You spoke with:

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