

FIPA accepting the challenge



FORMHAND
The smart gripper for the FIPALIFTpro

Vacuum, gripping and lifting technology for reliable and efficient handling

FORMHAND – Universal gripping pad for flexibilisation of production & logistics

Production and in-house logistics are becoming increasingly complex and require efficient solutions to handle a wide variety of lifting processes. With universally applicable grippers that offer **maximum flexibility and cost-effectiveness**, your company can also hold its own in the market.

The FORMHAND technology is ingeniously simple: the freely deformable gripping pad with a gripping surface of 300 mm x 200 mm is filled with freely movable granulate and **nestles seamlessly against any surface**. As soon as a vacuum is applied to the system, it becomes firm and fixes the gripped object. This enables the FORMHAND to gently pick up objects with complex and changing geometries.

Moreover users have easy access as the gripping pad can be changed without any tooling. A quick-change adapter connects the FORMHAND to the tube lifter FIPALIFTpro. This picks up **objects without a flat surface or flexible goods**, for which conventional solutions with vacuum cups fail, up to a weight of 25 kg in a process-safe manner.

“ *Bulky package, soft fleece or unwieldy object: One size fits all.* ”



High gripping force



Easy integration



Form-flexible shape fit



Gentle gripping



Multifunctional use



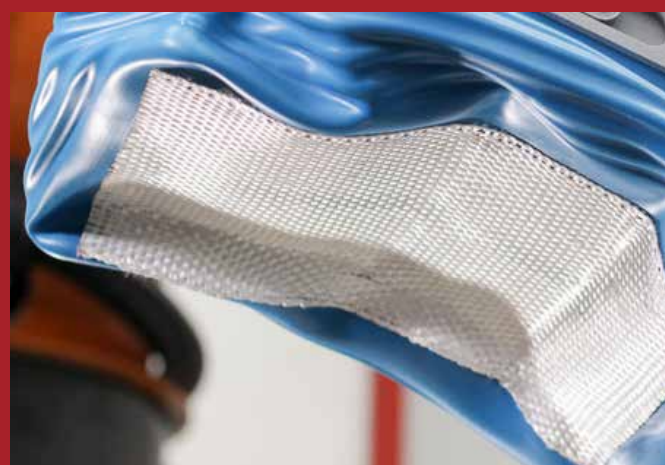
1 Curved sheets are often the greatest challenge in manual handling. FORMHAND also processes sheets with strong curvatures.

2 In baggage logistics, the FORMHAND also simplifies the handling of flexible goods without a flat surface, such as suitcases, bags and backpacks.

3 Also in the packaging sector or in the order-picking of cardboard boxes, the FORMHAND performs reliably. There are no limits to flexibility here.



The FORMHAND replaces many product-specific solutions and thus saves energy, storage and maintenance costs.



Due to the granulate filling, the gripping pad can adapt to different and very complex objects.

Useful addition

Our tube lifter FIPALIFTpro with its unique control handle design allows for effortless and efficient lifting of heavy loads. The intuitive, ergonomic and easy to use controls create a versatile and powerful solution.

In combination with the FORMHAND gripping pad you can lift, lower and balance loads in a wide variety of shapes with just one hand. We would be happy to put together a complete solution for you consisting of a crane, vacuum generation and tube lifter with suction foot.

Our many years of expertise in vacuum, gripper and lifting technology make it possible: FIPA offers you everything from just one single source!

