



FLEXI CARBON
FOAM GRIPPER

FOAM GRIPPER



THE FASTEST ON THE MARKET

- Ultra fast gripping,
- Production gain,
- Reduction of energy consumption time.



THE LIGHTEST ONE THE MARKET

- Preservation of robot capacity,
- Increase the robot speed,
- Reduction of inertia phenomena,
- Reduction of energy consumption.



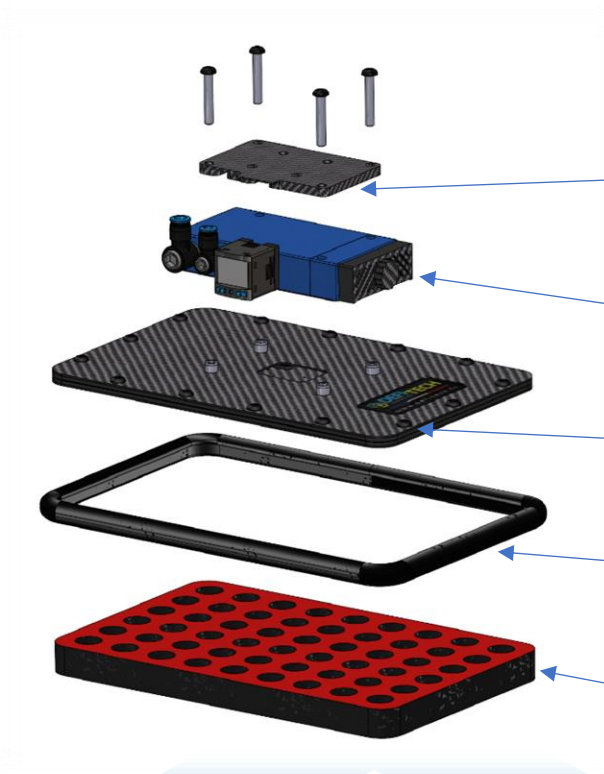
THE THINNEST AND MOST COMPACT OF THE MARKET

- Center of gravity as close as possible to the robot,
- Easy assembly and integration



THE MOST SILENT OF THE MARKET

- Reduction of the noise impact in the workshops
- Adjustable noise level



Robot attachment

Vacuum generator

Carbon box

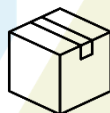
Protective seal

Foam

Applications :

Our foam grippers are suitable for the flexible handling of structured or smooth products in different industrial sectors.

- | | |
|---------------|-------------|
| - Packaging | - Metal |
| - Palletizing | - Plastics |
| - Wood | - Composite |

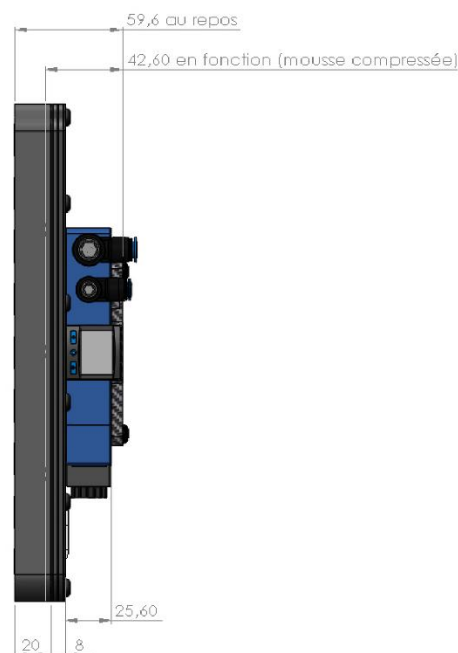
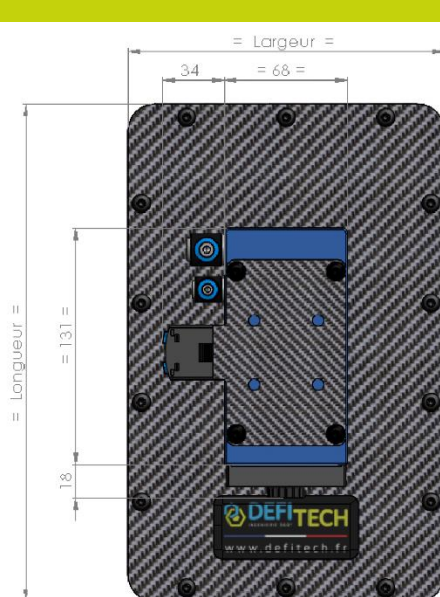


They are delivered ready to be integrated on collaborative or traditional robots, or even on semi-automatic handling arms.

They can be used individually or integrated on multiple grippers with DEFITECH design carbon attachment.



TECHNICAL DATAS

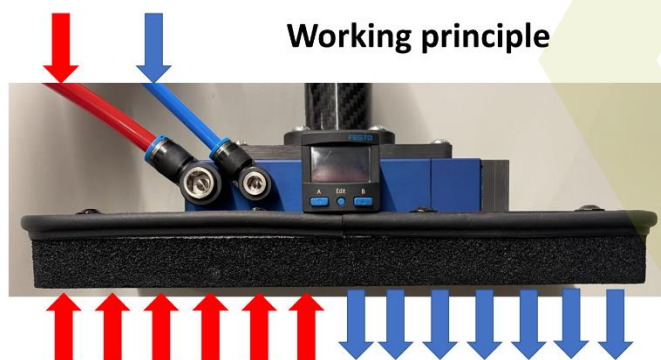


GRIPPER STANDARD SIZES*				
WIDTH (mm)	LENGHT (mm)			GRIPPER WEIGHT (g)
	MINI	→	MAXI	
100	150	Steo of 25mm	600	550 => 800
125	150		500	580 => 820
150	150		450	620 => 850
175	175		400	670 => 870
200	200		400	700 => 900
225	225		400	730 => 930
250	250		400	760 => 970

* Our standards do not correspond to your application, do not hesitate to contact us, we will adapt our format to your needs. These formats are for one vacuum generator box. For larger areas, we recommend multizone (several boxes).

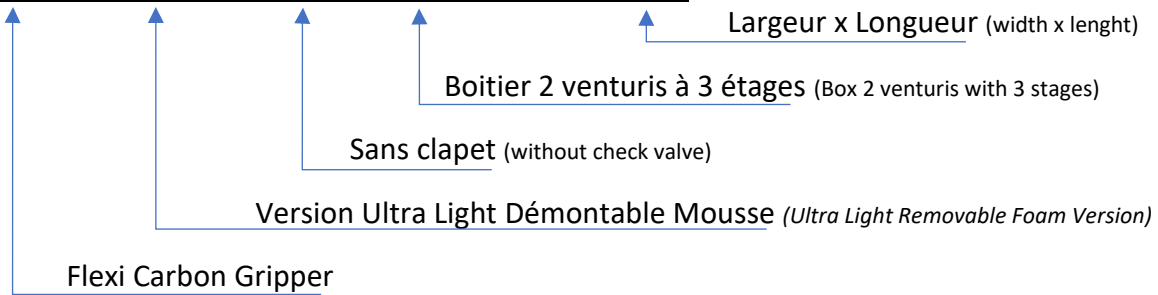
→ Compressed air supply for 8mm diameter suction

→ Compressed air supply for counter blowing diameter 6mm suction



Product reference :

FCG	-	VULDM	-	SC	-	23S	-	M6	-	I x L
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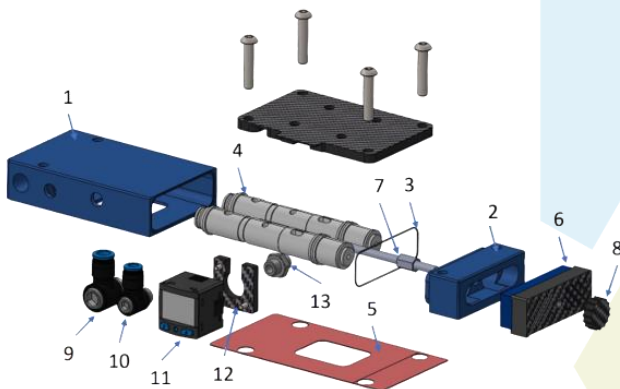
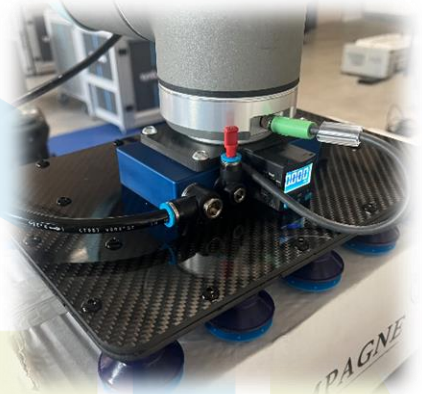
Many possible options on request :

- Custom shape adapting to your product
- Additional stepped vacuum box to increase power
- Multizones with custom fixing
- Integration of sensors or cameras

Very simple assembly :

Our grippers are delivered ready to mount on your robot :

- Supply of the fixing flange adapted to your standard robot ISO 50 or others. Possibility of custom made production: remote fixing, tool changer adaptation, etc...
- Preparation of the power cable of our box adapted to your robot.



Easy maintenance :

Our product has been designed to make maintenance as easy as possible for you :

- Standard vacuum box completely removable for cleaning.
- All parts held in stock at our factory
- Special DEFITECH adhesive foam for replacement without cleaning