

FLEXI CARBON CUPS 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.



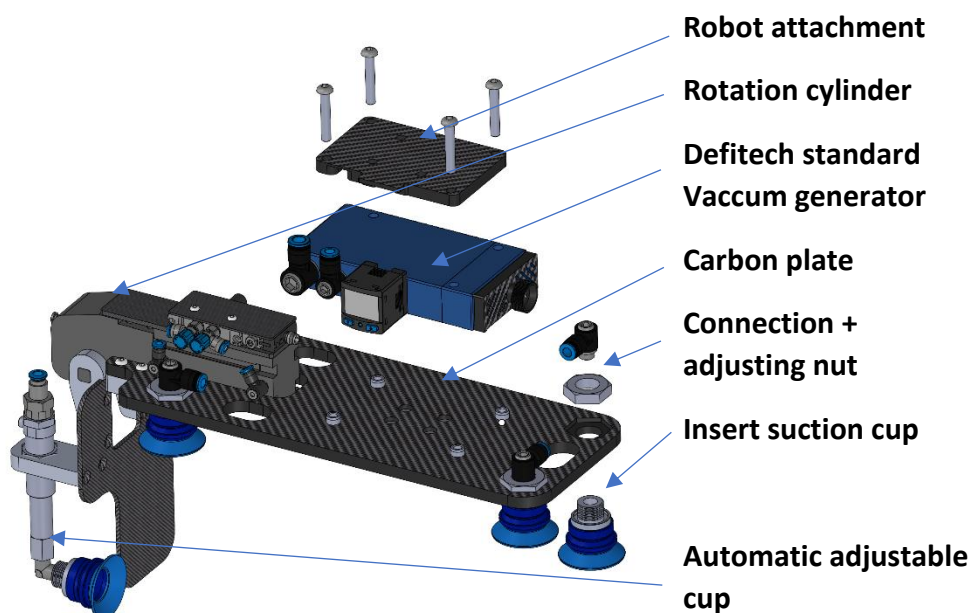
THE THINNEST AND MOST COMPACT OF THE MARKET

- 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



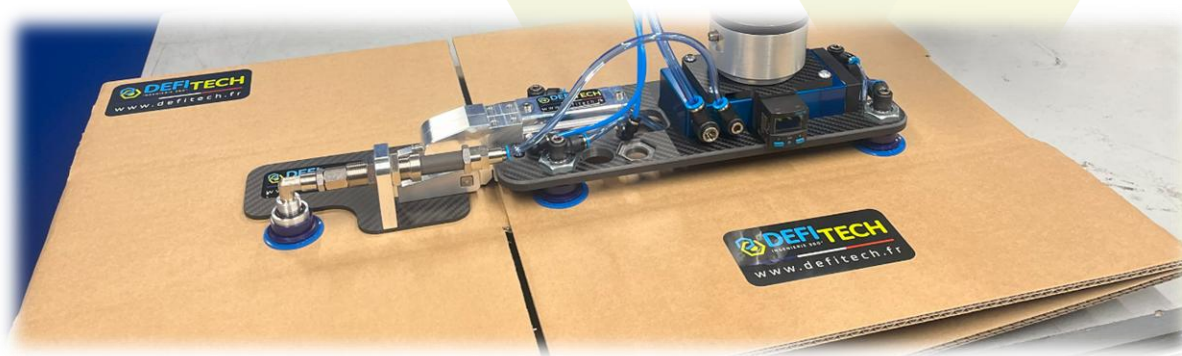
Applications :

Our case forming grippers features a folding and unfolding shovel with compliant suction pad. This innovation enables it to support carton deformation during handling and to adapt to a wide range of applications, all for a weight of just 2kg. Equipped with our standard vacuum generator and vacuum switch.

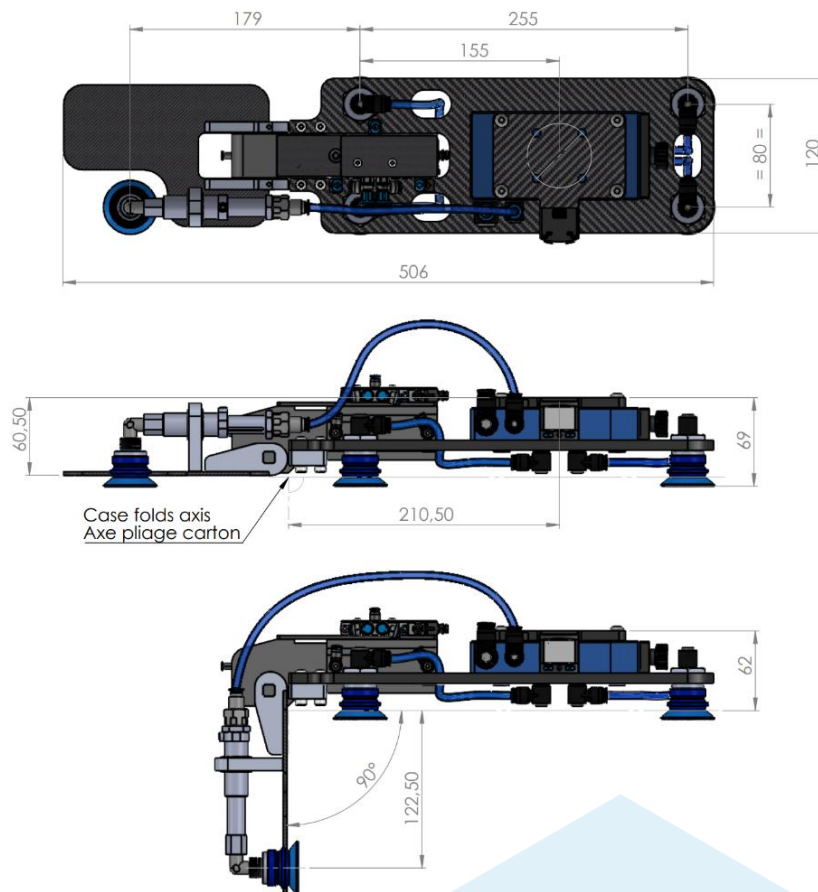
This standard size folds cases from 300x150x150mm to 600x400x300mm (*don't hesitate to contact us if your case don't fit these formats, and we'll be happy to accommodate*).

They are delivered ready to be integrated on collaborative or traditional robots.

The link to a demonstration video here : <https://youtu.be/Vgdhul049WE>



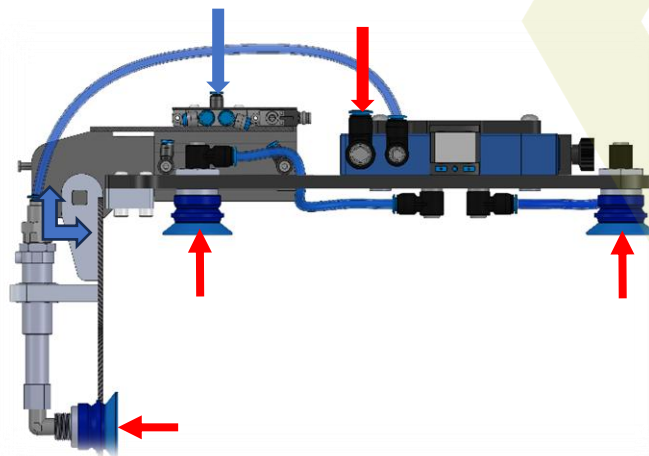
Technical Datas



GRIPPER STANDARD SIZES*				
Nb Cups	Suction cup distance			Approximate gripper Weight (g)
	l	x	L	
5	80		255	2000

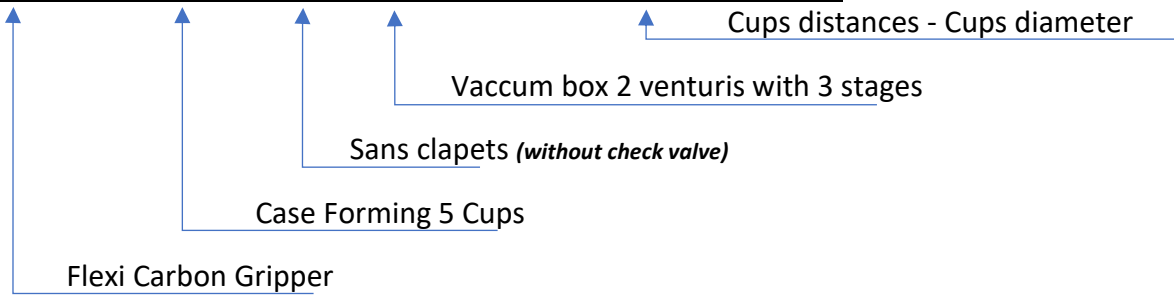
* Our standards do not correspond to your application, do not hesitate to contact us, we will adapt our format to your needs.

- Compressed air supply for vacuum 8mm diameter suction
- Compressed air supply for rotation 4mm diameter suction



Product reference :

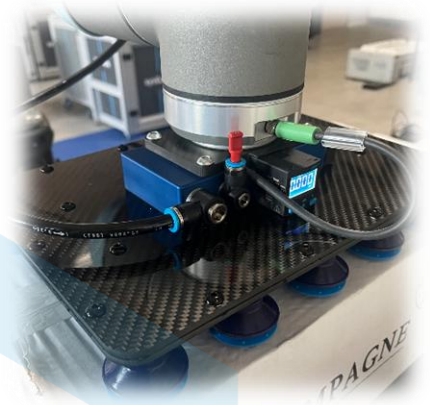
FCG	-	CF5C	-	SC	-	23S	-	M6	-	80x255 - D040
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Very simple assembly :

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.
- DEFITECH cups with insert and adjusting nuts easy to remove.

