

# Special and adaptable grippers (1-finger, 2-finger or 3-finger etc) to insure prehension of series parts in automated industrial lines

## Summary

Profile type	Company's country	POD reference
<b>Technology offer</b>	<b>France</b>	<b>TOFR20220721003</b>
Profile status	Type of partnership	Targeted countries
<b>PUBLISHED</b>	<b>Commercial agreement with technical assistance</b>	<b>• World</b>
Contact Person	Term of validity	Last update
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## General Information

### Short summary

A French official distributor of advanced European robotic and cobotic solutions has specialised in grippers and tools for industries 4.0. The SME offers a complete range of new generation grippers (flexible, parallel, double, sprawling suction cup, 2-finger, 3-finger, electric sucker, electromagnetic, mono-pad, etc.). Manufacturers already robotised, wishing to integrate new grippers into their production lines, are sought for a commercial agreement with technical assistance.

### Full description

In material handling applications, items are moved from one position to another. Depending on the needs, the robot can work beside employees, transferring or sorting items, or it can carry out packaging, palletizing or other processes.

The French SME offers a full range of cutting-edge robot-specific grippers (1 finger suction cup, 2 fingers or 3 fingers) capable of handling all types of parts with all types of materials.

The range comprises for example:

- no-fuss parallel gripper for tight spaces and demanding payloads
- flexible 2-finger robot gripper with wide stroke
- smart robot gripper with in-built force/torque and proximity sensor
- flexible, large-stroke 3-finger gripper

- compact, customizable electrical vacuum gripper
- flexible, adjustable electrical vacuum gripper
- powerful electric vacuum gripper ideal for cardboard box palletizing
- versatile electric gripper for palletizing and slip sheet handling
- soft gripper - flexible food-grade silicon-moulded gripper
- compact no-mark single pad adhesive gripper
- flexible, adaptable 2.5D vision system

With greater speed, strength, safety and precision, new generation grippers can accomplish a wide range of tasks and significantly improve automated series part handling activities in industries, while maximizing return on investment (ROI).

The French SME is seeking commercial agreements with technical assistance with industrial partners all sectors located in Europe willing to enhance their handling series parts automated lines.

#### Advantages and innovations

These new grippers allow to:

- to automate series parts handling processes (wide range of part sizes, shapes and material)
- to reduce physically straining work
- to increase productivity even when labour shortage

The grippers are mainly:

- ready for use and easy to set up
- flexible, intelligent and precise
- strong and reliable
- easily customised and adapted for many task

#### Stage of development

**Already on the market**

#### Sustainable Development goals

- **Goal 17: Partnerships to achieve the Goal**
- **Goal 8: Decent Work and Economic Growth**
- **Goal 9: Industry, Innovation and Infrastructure**

#### IPR Status

**Secret know-how**

## Partner Sought

#### Expected role of the partner

The partner should be an industry all sectors (agrofood, automotive, cosmetics, pharmaceuticals...) equipped with robotised production lines and handling of series parts (any shape / size / material). It must be located in Europe. The partner will provide the technical specifications or parts sample.

The French SME will provide technical support for the project feasibility (initial study, carry out of tests) or to solve specific needs (development of new grippers to correctly handle or view the parts).

#### Type of partnership

#### Type and size of the partner

**Commercial agreement with technical assistance**

- SME 11-49
- Big company
- SME 50 - 249
- R&D Institution
- SME <=10
- University
- Other

## Dissemination

Technology keywords

- **01001001 - Automation, Robotics Control Systems**
- **02003003 - Component integration**
- **01003003 - Artificial Intelligence (AI)**
- **02003001 - Process automation**

Targeted countries

- **World**

Market keywords

- **08002004 - Robotics**
- **08002005 - Machine vision software and systems**
- **08002003 - Process control equipment and systems**
- **08002006 - Numeric and computerised control of machine tools**
- **08005 - Other Industrial Products (not elsewhere classified)**

Sector groups involved

## Media

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### Images



[Combination of grippers](#)

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[Full range of grippers](#)

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[Suction cup gripper](#)

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