



EvoluBox®

Revolutionizes your productivity

The result of a technological challenge, our Evolubox® cells open a new way in the automated assembly of small and medium series.

Multi-process

Multi-task

Multi-product



Innovation for **Industry**



Profitability generator

Faced with labour costs leading to risks of relocation, our industry must reinvent itself. More reactivity, more flexibility, more quality for a better return on investment: this is the challenge that the Evulobox® automated assembly cell takes up.

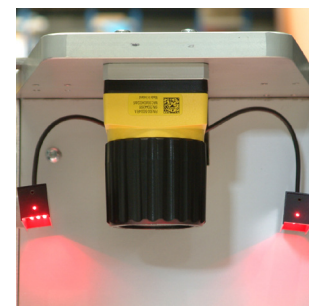
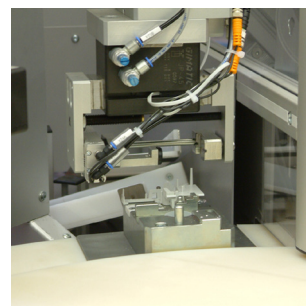
Based on an innovative concept, the Evulobox® Flexible Assembly Unit enables continuous adaptation of your production equipment to the diversity and evolution of your products.

The cell is made up of a standard 8 or 16-position revolving table insert supporting use of interchangeable automated workstations and configurations.

MULTI-PROCESS

Workstations mounted on the standard EvuluBox® base are custom-configured to adapt to all of your processes. The potential applications are nearly endless :

- Assembly (welding, clipping, setting, screwing, etc...)
- Inspection (form, appearance, continuity, vision, laser, etc...)
- Marking (labelling, ink jet, tacking, etc...)
- Packaging, small tooling etc...



MULTI-TASK

8 or 16-station configurations can accommodate simultaneous operation of an ergonomic manual station plus multiple automated workstations.

All automated operations can take place in the background during loading and subsequent unloading of components by the operator.

Evolubox® can also be used in fully automated mode without an operator.



MULTI-PRODUCTS

Workstations and configurations are quick and easy to interchange. This means that operators can reconfigure production completely in just minutes without special training, mechanical requirements or adjustment of automation mechanisms.

In this manner a single piece of equipment takes the place of multiple dedicated machines or workstations.



Assembly operations for small and medium-sized series are usually performed on a series of dedicated manual stations. Despite a low initial investment, their use and lack of flexibility prove to be costly in the medium and long term. Here again, our Evulobox® solution is there to solve this problem.

With EvuluBox® you are multi-profitable

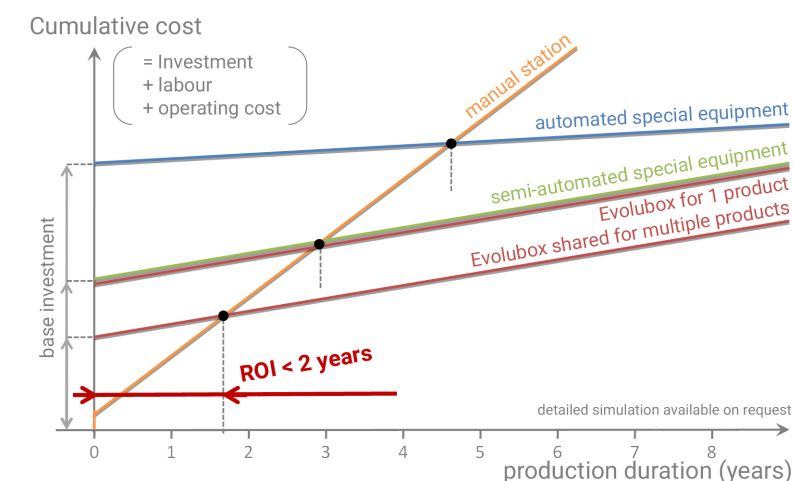
- Increase profitability while also improving flexibility, even for small and medium-series production
- Make the most of your investment by distributing it over multiple products
- Validate new processes and get new products to market faster and at a lower cost using the same tools
- Implement automation gradually to suit your requirements
- Anticipate future development of your products and processes on a limited budget

Example of Return on Investment (ROI)

by type of production equipment

An operation performed at a manual station has the advantage of requiring only limited base investment; however, the cumulative cost curve demonstrates that this solution is less viable over the medium to long term. Total or partial automation helps to reduce recurring costs but also requires a larger base investment.

Using the concept EvuluBox®, make the most of your investment by distributing it over multiple products and at the same time reducing the return on investment.



	Product A - 5 components - 60,000p/yr	Product B - 3 components - 220,000p/yr
manual station	0,51 €/p	0,30 €/p
special equipment	0,81 €/p	0,23 €/p
dedicated EvuluBox	0,83 €/p equipment usage rate: 15%	0,25 €/p equipment usage rate: 45%
shared EvuluBox	0,48 €/p equipment availability for other jobs: 40%	0,18 €/p

-20%

Example of assembly cost per part

according to the type of production equipment

Use of a single EvuluBox® for multiple products helps significantly to reduce operating costs per piece, making the EvuluBox® concept the most effective approach to small and medium-series product assembly.

2 sizes

Technical specifications	EB08	EB16	
Number of revolving table positions	8	8	16
Number of automated stations	1 - 7	1 - 13	
Exterior dimensions	1650 x 1650 mm	2400 x 2400 mm	
Revolving table diam.	1000 mm	1600 mm	
Work area dimensions	150 x 120 mm	300 x 300 mm	150 x 150 mm
Electric / pneumatic power	230 V mono or 400 V tri / 5 bar		
Technical assistance	Remote support connection via modem or GSM		

3 versions



EvoluBox®

Multi-product, multi-task, multi-process, the EvoluBox increases profitability while improving flexibility and scalability, even for small and medium series.



**EvoluBox®
Light**

Standardized, economical, customizable, the EvoluBox Light is designed for productions that do not require changes in installation or stations.



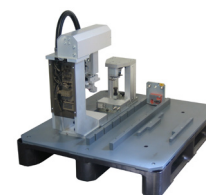
**EvoluBox®
Clean Room**

Multi-product, multi-task, multi-process, the EvoluBox CR has all the advantages of the EvoluBox concept for clean room production.

A full range of accessories



Single workstation unit



Station pallet



Handling system

Any project?
Contact us.

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