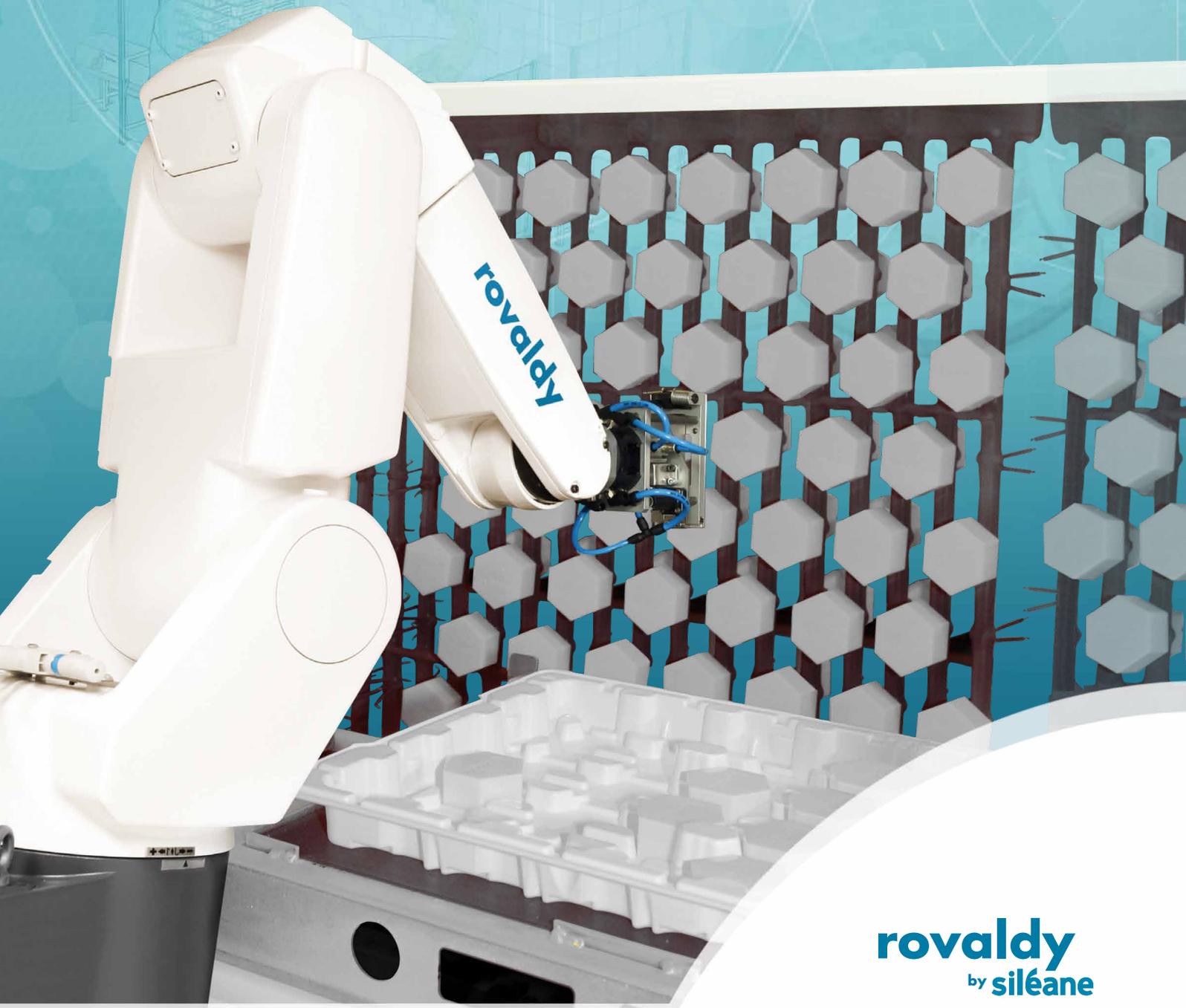
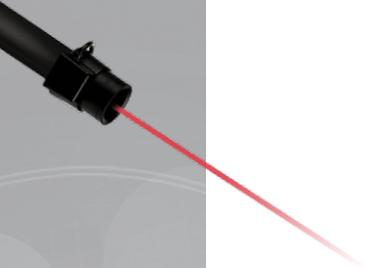


**Rovaldy mimics  
the most subtle and complex  
human gestures.**



**rovaldy**  
by siléane

[www.sileane.com](http://www.sileane.com)



# Do you find that manual attachment of parts on supports takes too long?

**Rovaldy robotized lines can be used in any galvanised surface treatment workshop to attach and remove part with various shapes. This significantly reduces your production times.**



*The modularity of the machines means you can set up lines to suit the way your workshops are laid out.*

## How do you automate these procedures?

In surface treatment workshops, the manual phases for attaching and removing parts on frames still often tend to be fiddly and time-consuming. There are countless different scenarios given the various sizes and items, the frequent production changes, and the various tool types, etc.

## Rovaldy is finally automating attachment and removal.

Rovaldy is a line of robots designed to be used in galvanised surface treatment workshops. Our automated lines for attaching and removing items on various racks (single-sided or double-sided frames, loop-type holders, satellites, rods, etc.) are able to adapt in real time to process your various products: everything can be fully automated and configured.

## Adaptive, flexible, and modular robotics.

Rovaldy robotized lines adapt to the geometric profiles of any part (cosmetics, packaging, watches, connectors, automobile parts, etc.). The Vision 3D technology developed by Siléane ensures that, in any given situation, the machines analyse the surrounding 3D space in real time: the trajectory is adjusted in line with the exact position of the supports in space (clamps, pins, blades, etc.) using a powerful algorithm for recalculating their precise geometry in real time. The machines then adapt their trajectories automatically and simultaneously to mimic the full subtlety of human gesture.

## A huge boost in productivity terms.

Rovaldy machines make your production line genuinely adaptable (given the numerous changes of frames and parts) and can take charge of all repetitive tasks: they can reconfigure themselves automatically in less than a minute. The robot arms are fitted with tool changers, while the various trajectory and vision parameters are stored in a database.

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