



3-Axis Vibration Technology
Innovation by asyril



Apsys specialises in the design and production of automated multi-technology production solutions customized to the specific needs of its customers. It is active in the assembly winding and components testing, notably in the automotive, pneumatic, electronics and watchmaking sectors.

End customer

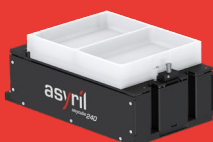
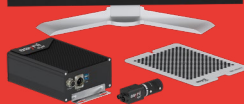


"Asyril's proposed solution perfectly meets our need for high precision in the detection and feeding of small parts and their insertion to the hundredth of a millimeter."

Sébastien Matthey, Manufacturing engineer at Norgren

Integrated products

- Asycube 240 Flexible Feeding System
- EYE+ smart control system with dual feeding option



APPLICATION NOTE

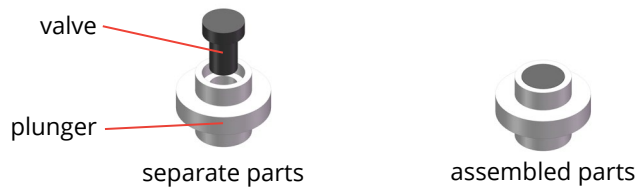
asyril Experts in Flexible Feeding Systems

Use of dual feeding in the assembly of solenoid valve actuators

A flexible and sustainable machine designed by Apsys.

The Challenge

- To feed two components that are geometrically very different on one machine so that they can be pressed together making solenoid valve actuators.
- Always have a part available for the robot so as not to stop the assembly process.

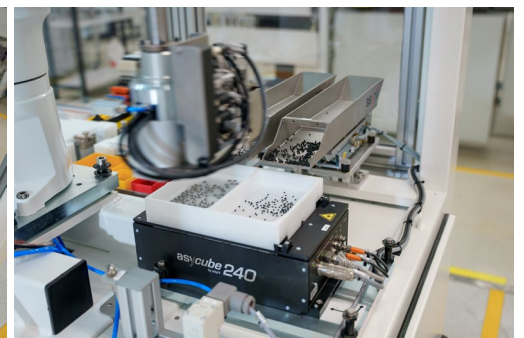
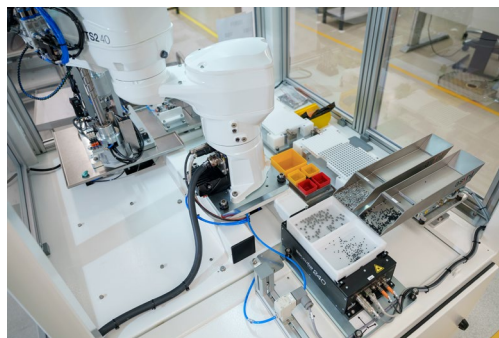


The Solution

- An **Asycube 240** feeding system and **EYE+ smart control system** with **dual feeding** option.
- One robot with a multi tool gripper.

Advantages

- **Very compact solution** thanks to the dual feeding option
- A step towards mass customization thanks to industry 4.0.
- The machine can be redeployed when new models become available.
- Cycle times are met.
- Independent management of the two hoppers for an optimal feeding of the two components.



Asyril SA

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