

A detailed view of an industrial automation workstation. A robotic arm with a gripper is positioned over a central rotating platform. The machinery is complex, featuring various sensors, cables, and structural components. A yellow label with the letter 'J' is visible on the right side of the robot. The background shows a factory setting with glass partitions and other equipment.

Hidria Industrial automation

Industrial
Automation

Hidria

Each project is designed comprehensively and in line with the need and wishes of the customer.

The Technology centre Hidria use highest quality components, which ensuring high reliability of operations.

■ Comprehensive solutions customized for customers on areas of operation:

- the automotive,
- the household appliances components,
- the electric industry,
- the medical devices industry,
- the sanitary.

■ We Manage the Following Technologies:

- assembly processes involving units for measuring electrical quantities, units for measuring distance, speed, RPM, forces, torque and units for measuring pressure, flow, leakage, etc.,
- mechanical operations: assembling, punching, bending, orbital riveting, etc.,
- assembly processes involving: cartesian, SCARA and multi- axis robots and machine vision systems to control assembly operations or to measure dimensions, processes, etc.,
- welding and connecting,
- dosing,
- marking,
- packaging.



Additional Hidria competences in Automation:

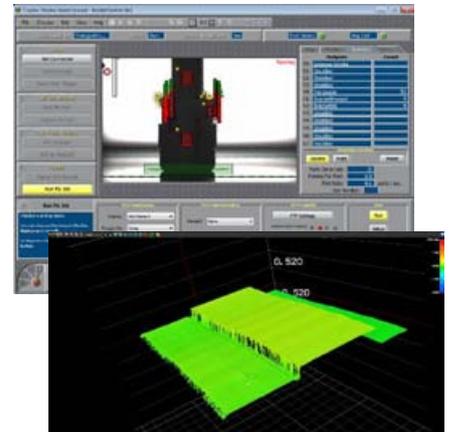
- M-FMEA methods,
- MSA,
- experience in Automotive supply (Hidria supplies to Tier1 and OEM manufacturers),
- special knowledge on measuring systems:
 - PXI hardware application,
 - LabView Software application specialists.

Product groups:

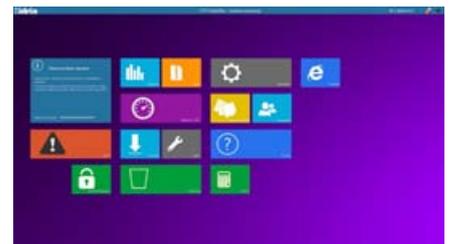
- development, construction and manufacture of custom designed assembly lines, machinery and assembly automation devices,
- measuring and control machines,
- robotic solutions,
- machine vision (Hidria machine vision - picture 07),
- dosing and handling equipment,
- IT solutions (Hidria control panel - picture 08),
- sale of standard modules HTC:
 - manipulators (picture 01),
 - transport system,
 - rotary and linear vibratory feeders (picture 02 and 03),
 - shakers and motorized containers (picture 04),
 - spring dismixers (picture 05),
 - linear guides (picture 06),
 - stepped and lamellar feeders,
 - regulation units.



01



02





Industry 4.0



Consortium member
FACTS4WORKERS



Certified by



Hidria

Hidria d. o. o.
Industrijska avtomatizacija
Šmarska cesta 4b
6000 Koper
T: +386 8 202 82 44
E: tc@hidria.com
www.hidria.com

Representative in Germany

Hidria

HIDRIA AUTOMATION
Representative office Germany
Mr. Claudio Nardi
Welfenstr. 7
70734 Fellbach
M: +49 1520 7084433