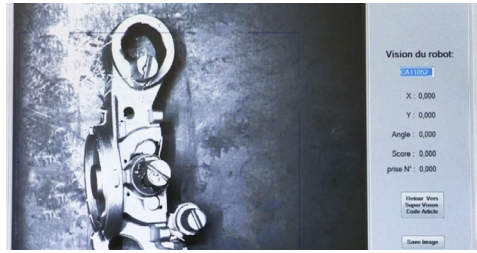




VISION

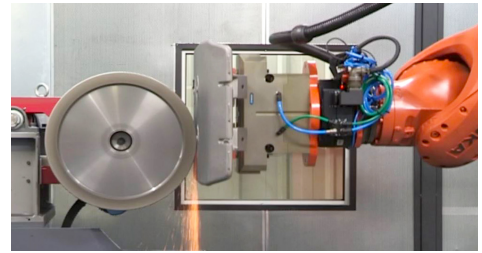
Thanks to this vision:

- Parts can be loaded without a specific support.
- Parts can be inspected (dimensions, quality, etc.).
- A parts positioning check can be carried out for simultaneous multiple production processes.



COMPLIANCE GRINDING

- Dimensional differences, defects located on jointing faces and moulding variations are some of the issues requiring adaptation of robot trajectories.
- Compliance systems developed by SiiF for spindles or parts clamps provide a finishing process suited to each part.



MARKING OF PARTS

- The development of quality systems and the need for individual tracking of parts increasingly requires the use of clearly identified markings (letters and numbers) or a DataMatrix code.
- SiiF offers all marking systems in accordance with customer specifications.



CHANGE OF GRIPPERS

- The gripper automatic coupler is used to quickly change the production or campaign for simultaneous production of several types of parts.
- This gripper coupler optimises cell use.



CHANGE OF TOOLS

- Automatic tool change quickly and safely changes one tool for another and optimises cell operating time.



WORK WITH A HELD TOOL OR A HELD PART

- For large, heavy parts the robot holds the finishing tools.
- Parts can be fitted onto rotating supports, for optimum exposure of the areas to be finished by the robot.
- Small and medium-sized parts whose weight is compatible with robot capacities are held using a suitable clamp and are offered up to the various finishing tools by the robot.

