



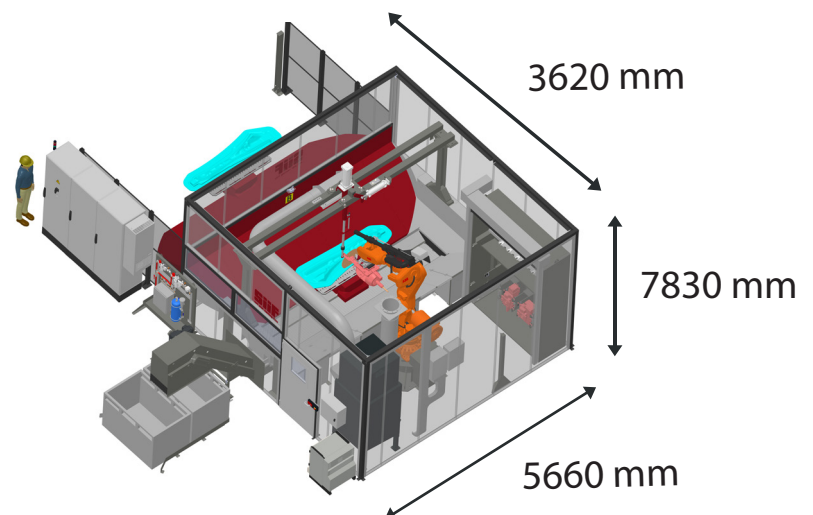
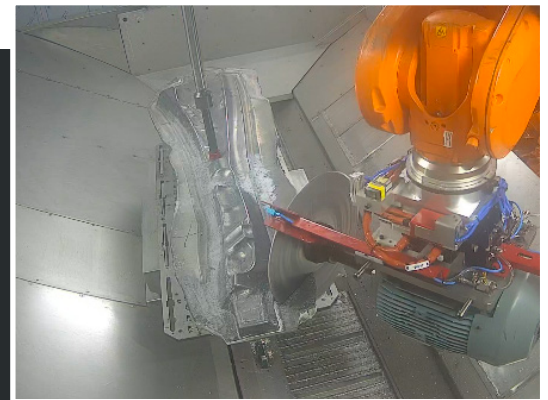
Siif HEAVY 500

ALUMINUM - TOOL HANDLED

FINISHING ROBOTIC CELL

Max. casting dimensions 2500 mm x 1500 mm x 600 mm
Max. casting weight 500 kg

- 1 ABB IRB 6700-300 kg Robot
- 1 Soundproof cabin 5660 mm x 7830 mm x 3620 mm
- 1 Electrical cabinet with operator interface, SCHNEIDER PLC and SICK safety system
- 1 Two-position rotative loading table + 2 rotative satellite tables (0 - 270°)
- 1 Clamping frame
- 1 Tool rack + automatic tool changer
 - 1 Cutting / drilling spindle 30 kW - 3000 rpm
 - 1 Diamond coated cutting disc Ø 490 mm
 - 1 Drilling bit Ø 25 mm
 - 1 Milling spindle 11 kW - 10000 rpm + automatic tool changer
 - Cutters with different diameters : Ø 20 mm / Ø 50 mm / ...
 - 1 Micropercussion marking equipment + DataMatrix scanner
- 1 Oil mist suction and filtering system
- 1 Scrap conveyor

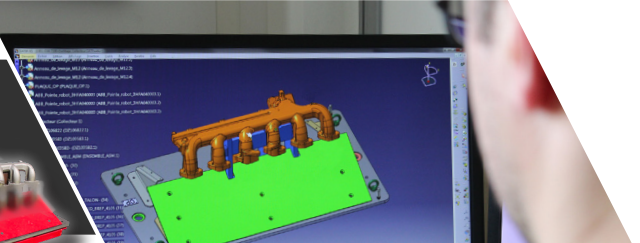


CASTING INTEGRATION

DISCOVER OUR TURNKEY SOLUTION

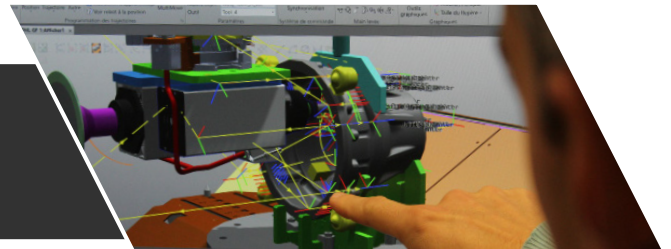
STEP 1

Gripper jaws and casting integration studies, engineering and production from your raw casting & 3D model



STEP 2

Offline finishing trajectory on Robotstudio (90% of the final trajectory)



STEP 3

OPTION

Trajectory commissioning at the customer's premises by a Siif mechanic / robotic engineer (10% of the final trajectory)

