

Siif EVO 80

IRON - CASTING HANDLED

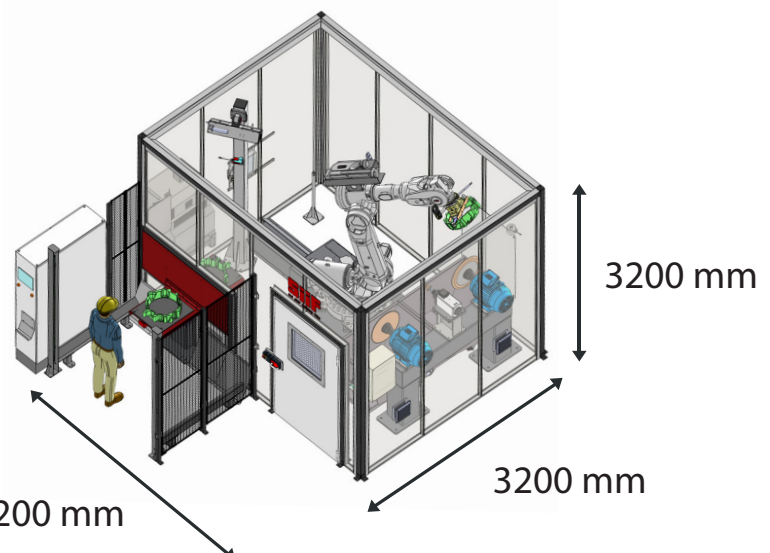
FINISHING ROBOTIC CELL

Max. casting dimensions 1 100 mm x 700 mm x 650 mm
Max. casting weight 80 kg

- 1 Two-position rotative loading table Ø 1600 mm with indexer
- 1 ABB IRB 6700-235 kg Robot
- 1 Pneumatic gripper
- 1 Soundproof cabin 4200 mm x 3200 mm x 3200 mm
- 1 Electrical cabinet with operator interface, SIEMENS PLC and two-hand control
- 1 3D vision system for casting location and position checking

1 Tool Rack with :

- 1 Siif grinding spindle 22 kW - 3000 rpm
- 1 Diamond coated wheel Ø 500 mm
- 1 Siif cutting spindle 22 kW - 3000 rpm
- 1 Diamond coated cutting disc Ø 490 mm
- 2 Scrap bins on rollers

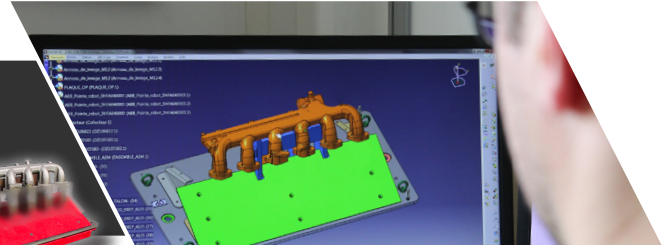


CASTING INTEGRATION

DISCOVER OUR TURNKEY SOLUTION

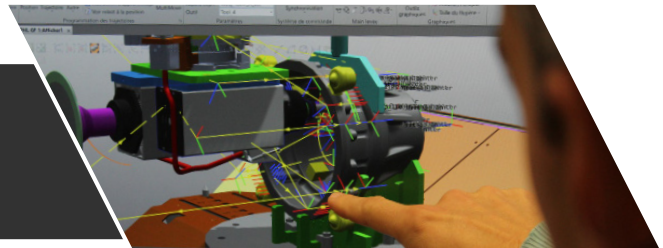
STEP 1

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)

