



Siif EVO 500

IRON - TOOL HANDLED

FINISHING ROBOTIC CELL

Max. casting dimensions 1000 mm x 600 mm x 500 mm

Max. casting weight 500 kg

1 Two-position rotative loading table with 2 rotative satellite (0-270°)

1 ABB IRB 6700-235 kg Robot

1 Automatic tool changer + 1 handled repositioning laser system

1 Soundproof cabin 4200 mm x 5100 mm x 3120 mm

1 Electrical cabinet with display unit and SIEMENS PLC

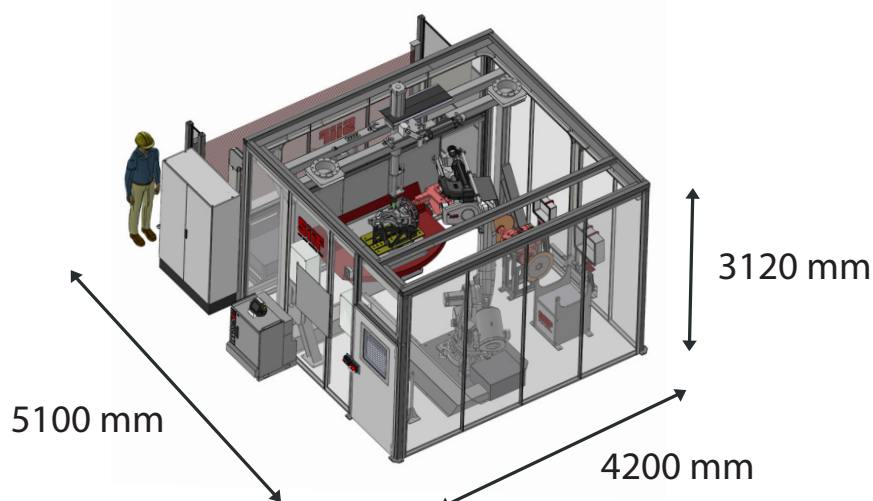
1 Safety screen outside the cell

1 Clamping frame

2 Tool racks with :

- 1 Siif grinding / cutting double-shaft spindle 30 kW - 3000 rpm
- 1 Diamond bevelled coated grinding wheel Ø 500 mm
- 1 Diamond coated cutting disc Ø 490 mm
- 1 Siif extended finishing spindle 14 kW - 6000 rpm
- 1 Diamond finishing tool Ø 20 mm

2 Scrap bins



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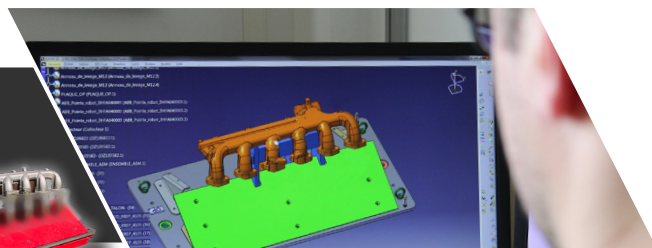
www.siif.fr

CASTING INTEGRATION

DISCOVER OUR TURNKEY SOLUTION

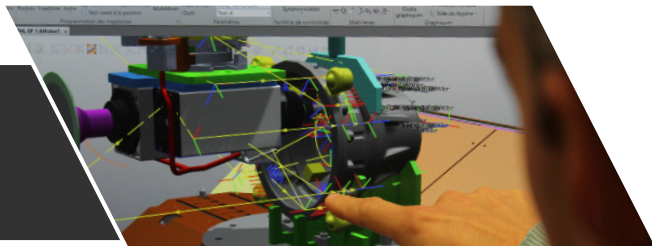
STEP 1

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)

