



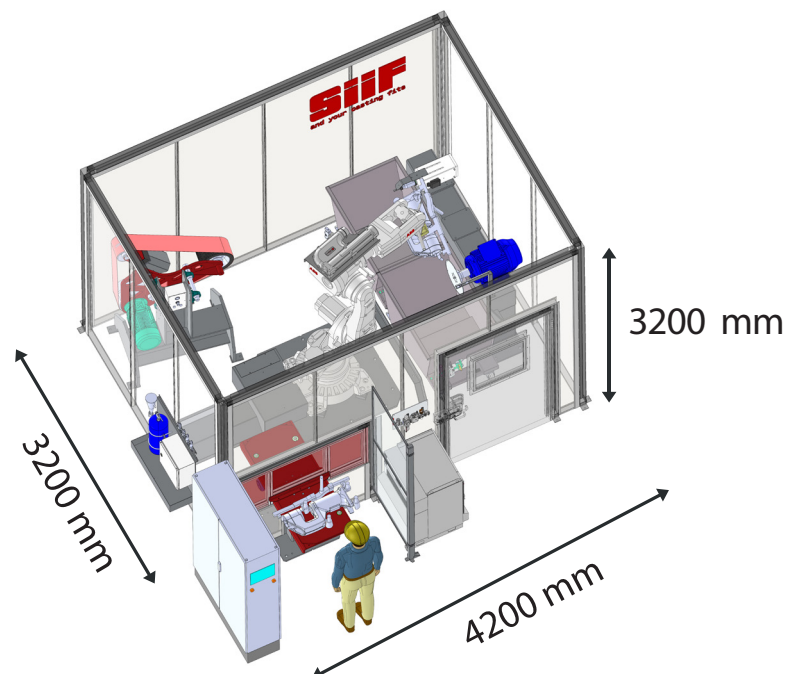
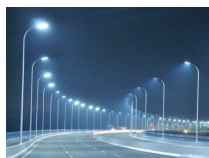
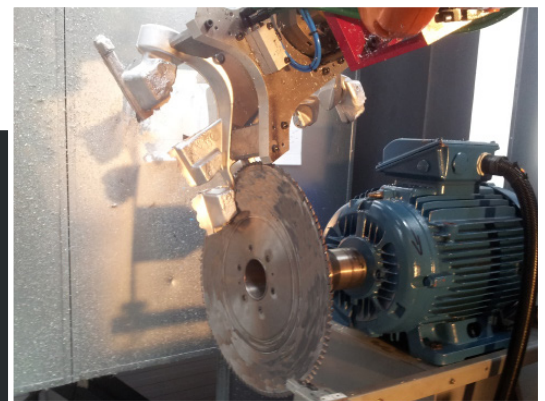
# Siif ECO 40

ALU - CASTING HANDLED

## FINISHING ROBOTIC CELL

Max. casting dimensions 500 mm x 500 mm x 400 mm  
Max. casting weight 40 kg

- 1 Two-position rotative loading table Ø 1600 mm with indexer
- 1 ABB IRB 6620-150 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 Tool rack with :
  - 1 Siif cutting spindle 22 kW - 3000 rpm
  - 1 Cutting disc Ø 400 mm
  - 1 Milling spindle 14,5 kW - 6000 rpm
  - 1 Milling head
  - 2 Scrap bins on rollers
- 1 Siif robot finishing Backstand :
  - 1 Grinding belt, width 200 mm
  - 1 Motor 15 kW - 3000 rpm

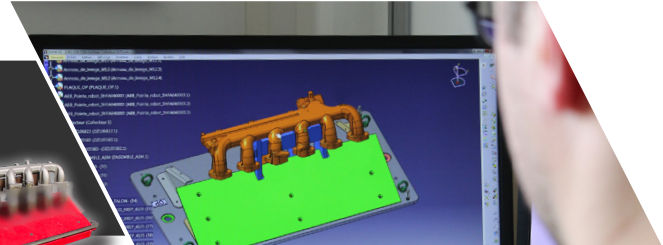


# CASTING INTEGRATION

DISCOVER OUR TURNKEY SOLUTION

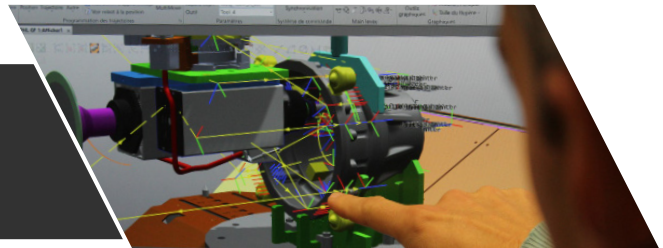
## STEP 1

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)

