

**AUTOMATIC FETTLING SOLUTIONS  
THAT NEVER STOP**

**MAUS**



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**MAUS SOLUTIONS  
FOR THE GLOBAL MARKET OF  
AUTOMATIC FETTLING**

[www.maus.it](http://www.maus.it)

- Flexible fettling machines
- Robotised fettling cells
- Fettling cells for the automotive industry
- Combined fettling machines
- Integrated fettling cells
- Turnkey equipments  
for fettling parts up to 10.000 kg



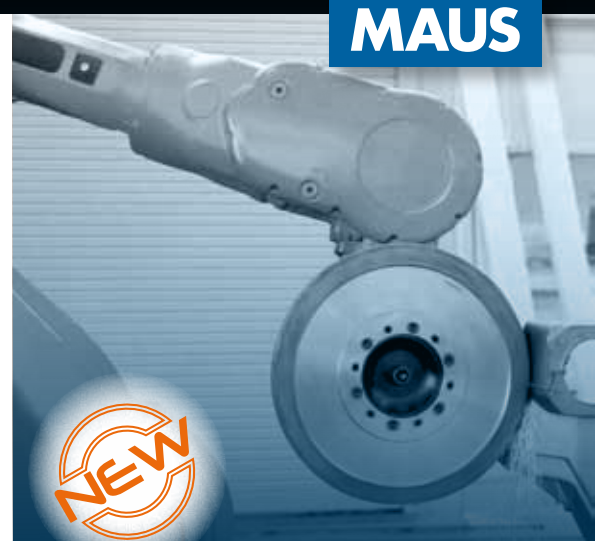
## SAM: FLEXIBLE FETTLING MACHINES

- High flexibility and flash removal capability (up to 150 kW)
- Small/medium volume for parts up to 800 kg
- Swing up to 2000 mm
- Part height up to 800 mm
- Constant quality in fettling (laser measuring system in the machine)
- Riser cutting
- Automatic pallet change device
- Easy and quick change-over
- Off-line programming



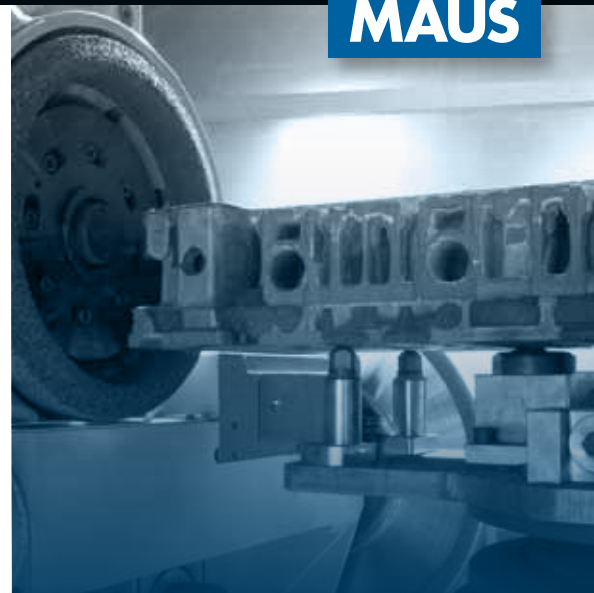
## ROBOGRIND: ROBOTISED FETTLING CELLS

- High versatility
- Unmanned production
- Complete automatic handling and palletization
- Large parts with weights up to 10000 kg
- Swing up to 3000 mm
- Part height up to 2000 mm
- Double configuration: part or tool handled by the robot



## SAM AUTO: FETTLING CELLS FOR AUTOMOTIVE

- Low-medium-high volume for the automotive industry
- Competitive cycle time and cost per part: engine blocks and heads, crankshafts, turbochargers, exhaust manifolds, brake discs and drums, hubs
- Part weight up to 800 kg
- Swing up to 1500 mm
- Part height up to 800 mm
- Various automation systems



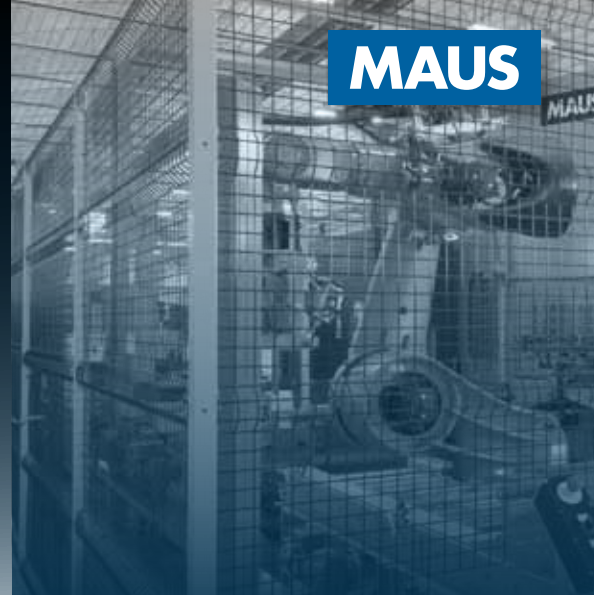
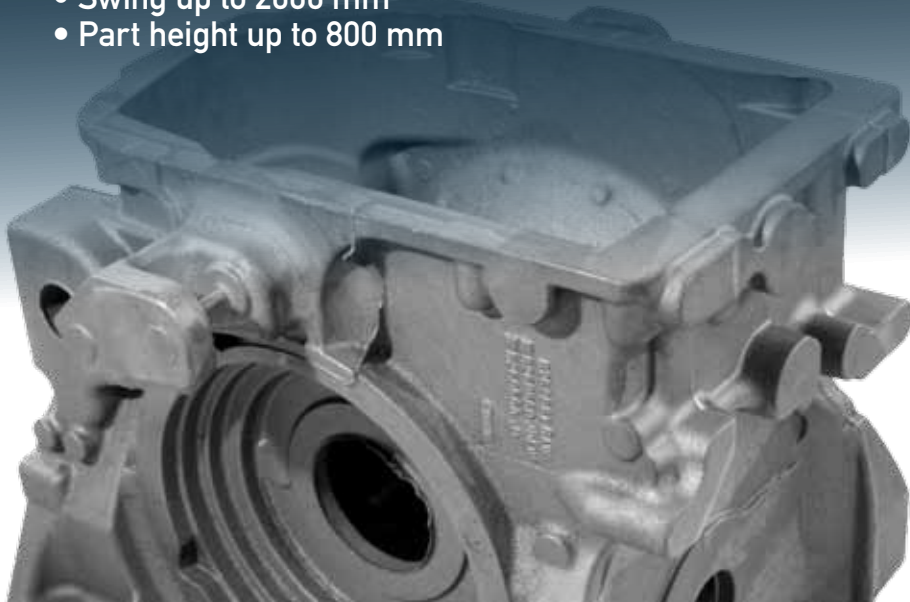
## SAM COMBI: COMBINATION OF FETTLING WITH MACHINING

- Process integration to fettling: milling, drilling, turning, targeting, casting inspection
- Cost effectiveness
- Reduced time to market
- Part weight up to 800 kg
- Swing up to 2000 mm
- Part height up to 800 mm



## SAM HYBRID: INTEGRATED FETTLING CELLS

- Integration of two technologies: SAM and ROBOGRIND
- Complete part fettling on a single cell
- Competitive set-up cost
- Part weight up to 800 kg
- Swing up to 2000 mm
- Part height up to 800 mm



## SERVICE: THE LATEST TECHNOLOGY GRANTS PRODUCTION AND EFFICIENCY

### TRAINING CENTRE

Updated courses on machine performances

### PROJECT MANAGEMENT, INSTALLATION AND START-UP

Technical advice on production processes and turnkey solutions

### AFTER-SALES SERVICE

Teleservice, spare parts available locally, technical assistance on site

### PREVENTIVE MAINTENANCE

Check-up of the general status and performances of the machines in order to prevent any slowing down in the production

### TECHNOLOGICAL UPGRADE

Constant upgrade of the performances of the machines

