

Project News 01/2013

Machine type: VSC 1-760 XTS

Application: Processing of nailer housings (hand tool)
Workpiece material: magnesium (extremely flammable)

Task: 5-side complete machining of nailer housings

Since magnesium is extremely flammable, a rapid outflow of magnesium chips must be ensured.

Solution: A robot loads the workpiece on the swivel rotary table and removes the finished workpiece by its double gripper.

Special feature:

Installation of a special argon gas extinguishing system

Sensors that are attached within the workroom detect indications of a possible chemical reaction. The working space is flooded with argon gas immediately.

Magnesium chips are rinsed instantly with large amounts of water from the work area in a closed chip conveyor to prevent accumulation or formation of lumps and to minimize the risk of chemical reaction.

