

TOP 10 REASONS TO USE HAIMER MICROSET PRESETTING

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Quality Wins.

HAIMER Microset can give you the edge that will allow you to sustain a long-term competitive advantage for your company.

1 Increased Machine Utilization

Reducing set-up time by as much as 50% or more translates to more machine „up-time“.

2 Faster Set-ups

Even if set-ups are not being performed offline, using a tool presetter is significantly faster than setting tools in the machine manually or with a laser.

3 Reduced Scrap

Microset presetters use optical cameras for measurement, which provide higher degrees of accuracy versus manual setting methods. Options like automatic focusing and measuring further reduce deviations in measurement, regardless of the operator.

4 Longer Tool Life

Runout that is not often inspected for non-critical assemblies can be measured and accounted for easily with a presetter, thereby extending tool life by preventing inaccurate tools from ever entering the machine.

5 Fewer Collisions

With optional data transmission methods like RFID or post-processing, the manual entry of offsets into the machine can be eliminated. This reduces errors that occur from operator's accidentally mistyping offset values.

6 More Cost-Effective than Lasers

Machines make money when they are making chips and not being used as measuring devices. Furthermore, one presetter can manage 10–30 machines, which is more cost-effective than purchasing a laser for each machine.

7 Consistency

Confirmation that tools are set properly, within specified tolerances, every time.

8 Ease of Use

Simple software makes the process uncomplicated for all users. No software engineering degrees needed!

9 Universal

Easy to preset milling tools, adjustable boring heads, complicated multi-inserted face-mills, PCD form tools, step-drills, etc. from all makes and manufacturers.

10 Industry 4.0 Success

Industry 4.0 is all about using gathered data to automate changes on the fly that optimize the machining process. The future smart factory will require technologies that can receive and transmit such data. HAIMER Microset tool presetters are able to communicate (bi-directionally) with a variety of machine controls and CAD/CAM systems.



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Tooling Technology

Shrinking Technology

Balancing Technology

Measuring and
Presetting Technology

HAIMER Microset

For precise measuring of all tools
with intuitive software

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