

# **AUTOMARKX**

## **ANCA'S AUTOMATIC LASER MARKING STATION**

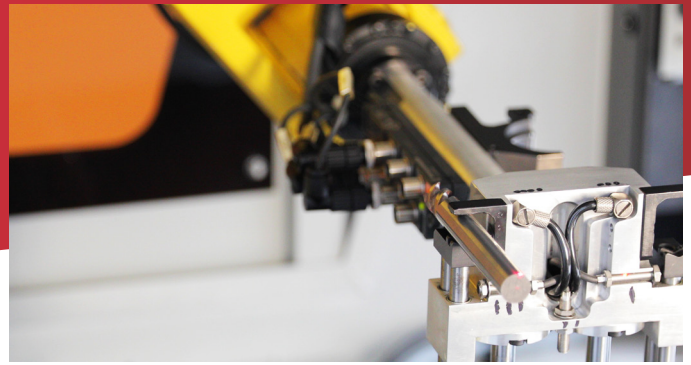
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Automatic tool laser marking streamlines manufacturing processes and saves labour costs. Removing the need for manual tool laser marking, ANCA's AutoMarkX utilises robotic and software integration to boost your labour efficiency.

ANCA's heritage of customer-focused innovations as a trusted designer and manufacturer of CNC machinery supports our expanded product range. Increasing productivity ANCA's laser marking station – AutoMarkX, takes care of necessary tool marking, freeing up operators to perform other value-adding tasks.

# AUTOMARKX

Pushing tool marking capabilities into automated and unattended, lights out production.



## LABOUR SAVING WITH NO MANUAL HANDLING

### Automatic laser marking

- AutoMarkX eliminates the need for manual laser marking which is a repetitive, mundane and labour-intensive job which could be automated and therefore saving you money.
- By avoiding manual handling, tool quality is protected by eliminating a risk of chipping.

### Cost-effective

- Operators can load pallets of tools and walk away to take care of more productive and value-adding tasks. AutoMarkX is cost-effective with an attractive and short ROI due to substantial labour savings.



## STAND ALONE OR INTEGRATED

AutoMarkX integrates seamlessly into your ERP and AIMS, helping to streamline the manufacturing process even further. It can also work in stand-alone mode.

## RELIABLE AND EASY TO USE

High quality components ensure a reliable and robust laser marking solution for tool making industry. User interface is designed to make it easy to use and understand.

Simply load the pallet, select the job and walk away. AutoMarkX makes production easier.



## EFFICIENT AND FLEXIBLE

AutoMarkX has a large tool capacity and short cycle time. It uses common tool pallets - a perfect fit for all tool makers. AutoMarkX marks a variety of tool sizes and mixed batches.

One AutoMarkX can serve a number of grinding machines, making it an attractive investment.

## CUSTOMISED LASER MARKING

AutoMarkX will etch the message exactly where you need it on the tool – along or across the shank, at the base or on opposite sides of the tool. You are ready to satisfy each customer's demand.

Etch a variety of messages on the tool – text, numbers, 2D codes, serialised numbers, graphics and logos.

## TECHNICAL SPECIFICATIONS

### Unit dimensions

H 1,750mm x W 950mm x D 1,420mm

### Laser source

20W Fiber laser, wavelength 1,064nm, 100x 100 marking field with red laser pointer for easy placement of tool in the manual mode (optional)

### Compatible tool size

**Tool range:**  $\varnothing 3\text{mm}(\varnothing 1/8") - \varnothing 32\text{mm}(\varnothing 1 17/64")$

**Maximum tool length:** 250mm (9 27/32")

**Max tool weight:** 1.5 kg

**Typical cycle time:** 12 – 15s per tool (tool pickup, marking, tool replaced)

### Options

**Tool rotation station** – flexibility with mark location around the shank

**RFID module** – for mixed batches

**Vision inspection** – message presence for quality assurance

**Manual marking** – for small batches and single tools

**ERP/external database integration** – for streamline process and human error elimination

**Pallet adaptors** – to accommodate various pallet standards

**User Interface:** 15" touchscreen

**Fume extraction:** Included as a separate module

**Fume extraction unit dimensions:**  
H590mm x W375mm x D375mm

**Robot loader:** Yes



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