AUTOMARKX

ANCA'S AUTOMATIC LASER MARKING STATION

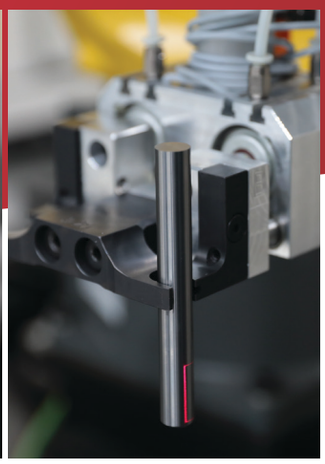
Automatic tool laser marking streamlines manufacturing processes and saves labour costs. Removing the need for manual tool laser marking, ANCA's AutoMarkX utilises robotic and software integration to boost your labour efficiency.

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.

ANCA
CNC MACHINES

AUTO**MARKX**

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 can be used as a stand alone machine as well as seamlessly integrated into fully automatic AIMS production cell. It could be integrated to your ERP if required.

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 satisfy most of your marking requirements placing the laser mark on the shank –(one side or opposite sides) and/or on the end of tool.

TECHNICAL SPECIFICATIONS

Unit dimensions
H 2,341mm x W 1,204mm x D 1,325m

Laser source
20W Fiber laser, wavelength 1,064nm, 110mm x 110mm marking field with red laser pointer for easy placement of tool in the manual mode (optional)

Compatible tool size

Tool range: ø3mm(ø 1/8") - ø32mm(ø 1 17/64")

Maximum tool length: 350mm (13 25/32in)

Max tool weight: 1.5kg (3.4lb)

Options

Tool rotation station – flexibility with mark location around the shank

RFID module - for mixed batches

Vision inspection - message presence for quality assurance

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

Minimum shank length - 24mm when using Robomate pallets

Pallet adaptors – to accommodate various pallet standards

Tool compatibility - Robot picks up round section of the shank only

Oil on tools - acceptable, no swarf or other debris on the tool marking area

User Interface: 15" touchscreen

Fume extraction: Mandatory option – Bofa AD350

Fume extraction unit dimensions:
H590mm x W375mm x D375mm

Robot loader: Fanuc LR Mate 200iD