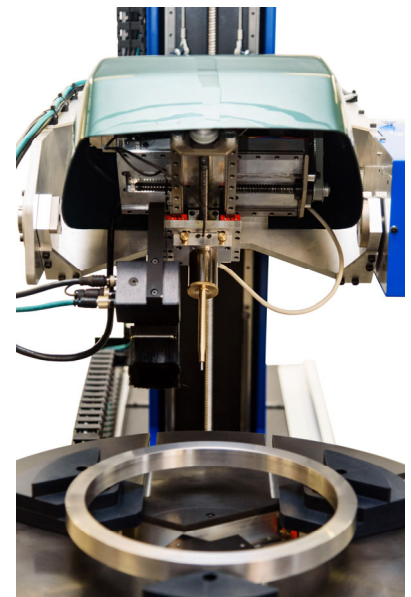
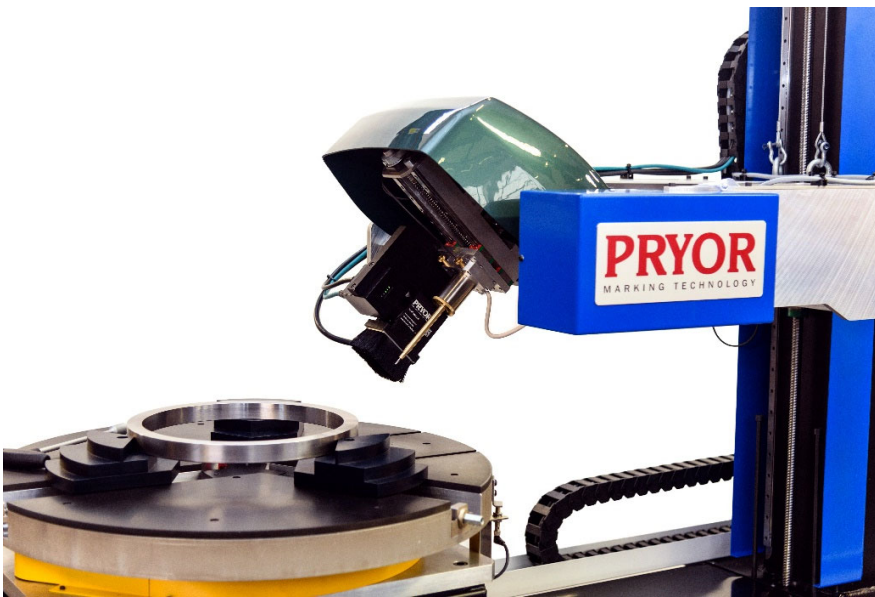


Type R Multi-Axis

Marking Windows
100mm x 100mm
150mm x 150mm
300mm x 150mm

A highly customisable and versatile machine, the multi-axis dot marking machine is designed for marking large, cylindrical components, but can be used as a solution to many different marking and traceability problems.

There are endless possibilities for additional fixtures and configurations of this machine, as new designs can be made on request to meet all your marking needs.



STANDARD FEATURES

- PC-based software controls motorised horizontal axis, to manipulate the proximity of the marking head to the part
- Electromagnetic solenoid driven Dot Peen marking
- 90° stylus, 100mm long, 4mm diameter, carbide tip
- Rotatable marking table with adjustable fixtures – ideal for marking large cylindrical components
- Three different column size options to accommodate a wide range of component sizes
- Vision system to verify mark quality and position

APPLICATIONS

- Large cylindrical components
- Rail
- Oil and gas
- Pipeline
- Casting / forging
- Chassis and engine VIN marking
- Construction applications

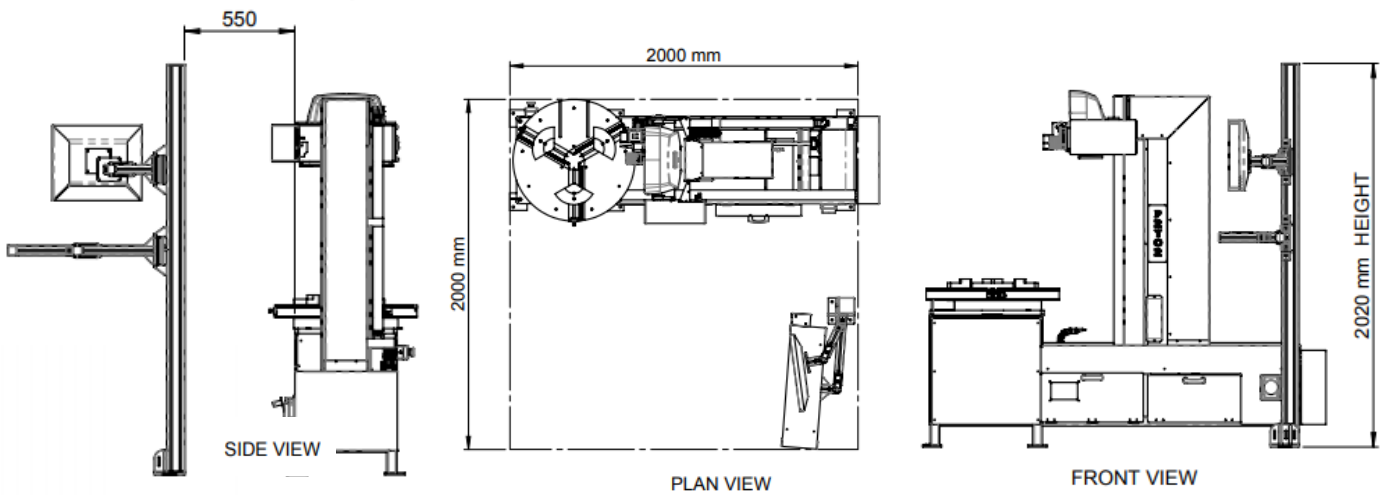
OPTIONAL VERSIONS

Benefits / Requirements

Option code

150 x 150mm marking area	Larger marking head for increased markable area	MCYTR1515U
300 x 150mm marking area	Larger marking head for increased markable area	MCYTR3015U
Pneumatic powered marking	Deeper marking. Requires compressed air supply	MCYTRxxxxD
Alternate nosepiece/stylus	Wider / shallower tip angle, IAQG spec, longer	-
Integrated camera	Verification of mark quality; requires PC and software Automatic alignment of mark against existing features	OPTVISRS/VS OPTVISMS

TECHNICAL DATA		● Standard ○ Optional	Product / Option Code
Marking area	100mm x 100mm 150mm x 150mm 300mm x 150mm	● ○ ○	MCYTR1010U MCYTR1515U MCYTR3015U
Column options	500mm max marking height 750mm max marking height 1000mm max marking height	● ○ ○	- OPTCE750 OPTCE1000
Weight	>375kg depending on size and options	●	-
Dimensions	W: 1000mm H: 1900mm D: 2200mm	●	-
Nosepiece & stylus	Electric solenoid - 100mm long, 4mm diameter, 90° stylus tip, carbide Various alternatives available	● ○	-
Controller/supply requirements	Controller USB-PC Supply requirements 230V 50Hz / 110V 60 Hz	●	-
Construction	Fabricated steel table and column, metal marking head internals, plastic cover As above As above, metal marking head cover	● ○ ○	MCYTR1010U MCYTR1515U MCYTR3015U
Operating temperature	0°C - 80°C (32°F - 176°F)	●	-
Workpiece hardness	Max. 62 HRC (800HV)	●	-
Marking type	5 x 7, 7 x 9, Varidot, angled, arc, logos, data matrices, serial numbers, reverse marking, variables, etc.	●	-
Character sizes	0.15mm – 99.9mm in 0.15mm increments	●	-



All measurements in millimetres unless otherwise stated

COMPATIBLE ACCESSORIES	Description	Product Code
Custom Fixtures	Unique, bespoke fixtures can be made for the Type R's marking area	-
Safety Enclosures	Enclosures fitted with various safety features	-