

Aerospace Rotatives Robotic Marking Cell

SKU: **MCYTR21330E**



Pryor's Aerospace Rotative Component Robotic Marking Cell automates the application of a unique Dot Peen identification mark on large aerospace components. With a horizontal rotational axis, the system is ideal for direct part marking of large rotative aero engine components, which often need permanent traceability on multiple, difficult to access marking locations.

The multi-axis robot, with integrated vision, engraves alphanumeric and Data Matrix codes to industry standard marking specifications such as AS9132, UID, JES131 and RRES90003.

- Flexible fixturing on a rotary table to accommodate a variety of component shapes
- Apply multiple marks to different component sizes (up to and over 1200mm diameter)
- Apply machine readable 2D Data Matrix and alphanumeric codes
- Integrates with existing manufacturing management systems
- Robot achieves mark location accuracy to 0.1mm tolerance
- Vision system to verify mark quality and location
- Networked data capture creates a unique passport for every component

Overview

Automate the application and verification of unique component identification marks with the Pryor Aerospace Rotative Robotic Marking Cell.

Combining robotics, Dot Peen marking, vision technology and windows-based software, this flexible system allows manufacturers to mark a wide variety of component shapes and sizes. This level of versatility means the technology can be used in different production cycles across the manufacturing portfolio.

The UK designed software and vision system ensures every Dot Peened code or 2D Data Matrix meet manufacturer and industry marking standards, identifying issues as and when they occur.

Read the latest article on Robotic Dot Peen Aerospace Marking [here](#)

Find out more about aerospace marking standards:

[IAQG Part Marking](#)

[JES 131 Specification](#)

[RRES 90003 Specification](#)

[AS9132](#)

Our Solutions

- Traceability Software & Data Capture
- Automated Part Marking
- Aerospace Marking Standards
- Automotive VIN Marking
- Hand Tools for Marking & Identification
- Serial Number Marking
- Logo Marking Solutions
- Production Data Monitoring

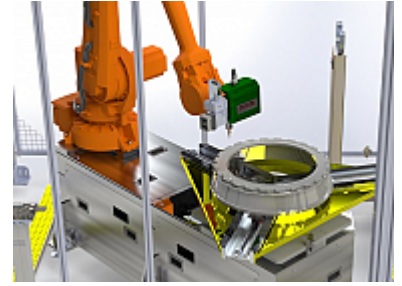
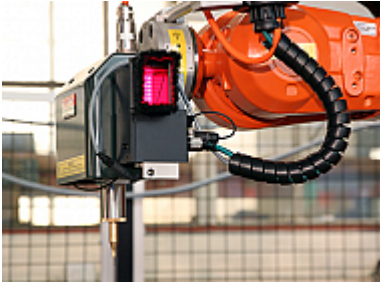
PRYOR

Egerton Street, Sheffield S1 4JX UK

T: +44 114 2766044

E: info@pryormarking.com

W: www.pryormarking.com



Pryor Marking Technology
Egerton Street
Sheffield
S1 4JX
UK
+44 114 2766044

Pryor Marking Technology designs and manufactures the widest range of permanent marking systems in the world, together with software and barcode readers for component tracking and tracing.

Our Solutions

- Traceability Software & Data Capture
- Automated Part Marking
- Aerospace Marking Standards
- Automotive VIN Marking
- Hand Tools for Marking & Identification
- Serial Number Marking
- Logo Marking Solutions
- Production Data Monitoring

Products and Solutions available from Pryor



Traceability Software &
Data Capture



Automated Part
Marking



Aerospace Marking
Standards



Automotive VIN
Marking



Hand Tools for Marking
& Identification



Serial Number
Marking



Logo Marking Solutions



Production Data
Monitoring