High Speed Laser Marking System

The latest system from Pryor enables permanent laser marking and verification of components on a high speed conveyor, in as little as 0.5 seconds. Camera verification ensures the laser mark, such as Data Matrix code (DMC) meets industrial standards. Pryor Marking On-the-Fly Software can automatically adjust the marking position on the component relative to the current speed of the production line, resulting in a mark quality identical to a stationary mark. Component marking without stopping the production line flow has a huge impact on cycle time; maintaining critical cycle times is a massive advantage to customers.

Characteristics:

- Reduce cycle time, improve quality
- High quality, 2D Data Matrix code permanently laser marked and verified on-the-fly in 0.5 seconds
- 100% vision inspection and verification to ensure adherence to industrial marking standards
- Permanent laser mark can be used for traceability purposes through further production processes and in service
- Fibre laser ideal for metal, plastics and most marking surfaces.

Pryor build On The Fly, High Speed Laser Marking machines to customer-specific designs. Please contact us to discuss custom-build options suitable for your business.
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 & Data Capture Solutions
- Automated Part Marking
- Aerospace Part Marking Standards
- Vehicle Identification Number (VIN) Marking
- Hand Tools for Marking & Identification
- Serial Number Marking
- Logo Marking Solutions
- Production Data Monitoring