



Robotic Controlled Laser System

Laser System: Material Dependent



Features

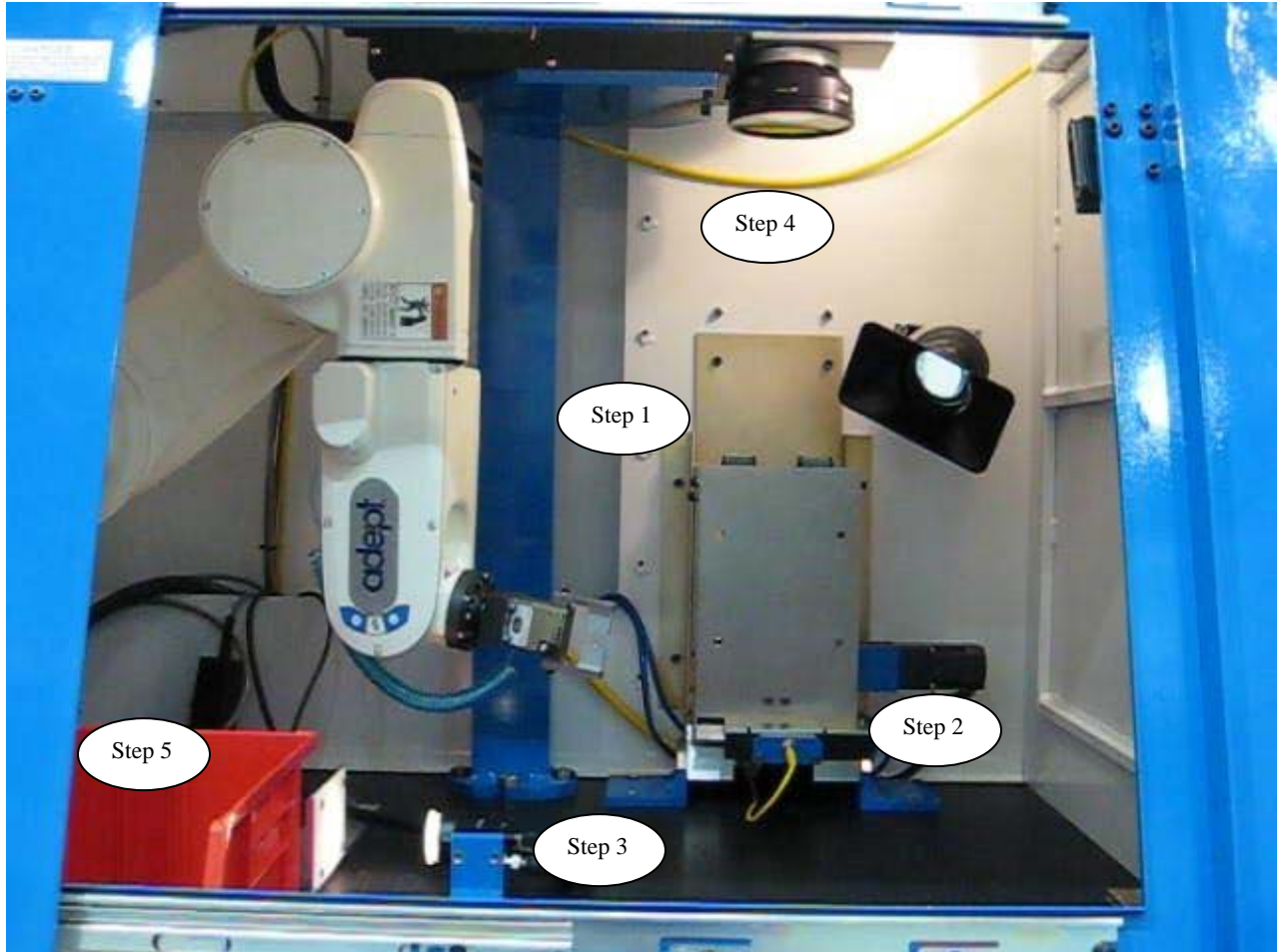
- Robotic controlled
- Automated visual orientation system
- Fully enclosed Class I system
- Barcode scanner for part number input or pattern load
- PLC controlled system
- Automated tube feeder with outside loading for continuous printing without interruption

Benefits

- Replaces manual operator hand feed
- Reduces floor space
- Fully automated system marks entire day supply of parts without operator intervention
- More Efficient
- Increased throughput
- Increase in quality control with vision system that increases accuracy



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Process Flow

Step 1: Part enter by tube feeder onto loading station

Step 2: Robot picks up the part from loading station

Step 3: Part is moved into position into camera field where the orientation camera will verify that the part is properly positioned

Step 4: Part is moved into the laser marking window and marked

Step 5: After part is marked, the robot moves the part to the unloading station



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System Pictures

