



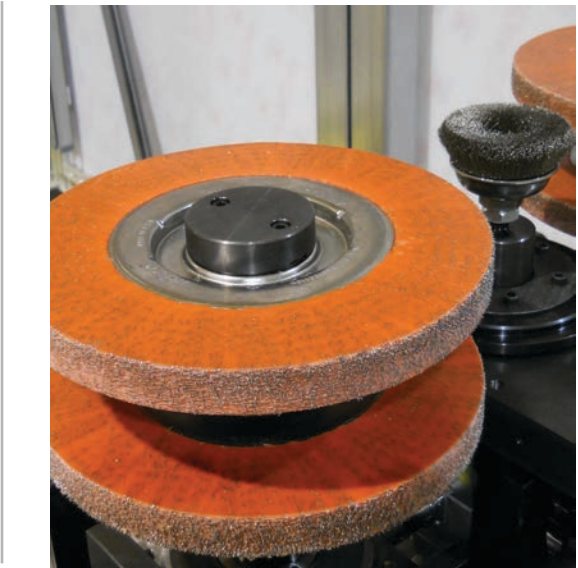
Our automated deburring systems enable manufacturers to produce the best parts quickly and with no down time.

PROBLEM

Burrs are a common occurrence during machining and stamping operations, and they can interfere with the fit and function of parts. Conventional automated deburring systems may work well on straight edges or flat/even surfaces, but they fail when part tolerances or paths are not exact. Processes to remove burrs can be labor intensive, inconsistent, and result in lower quality parts.

SOLUTION

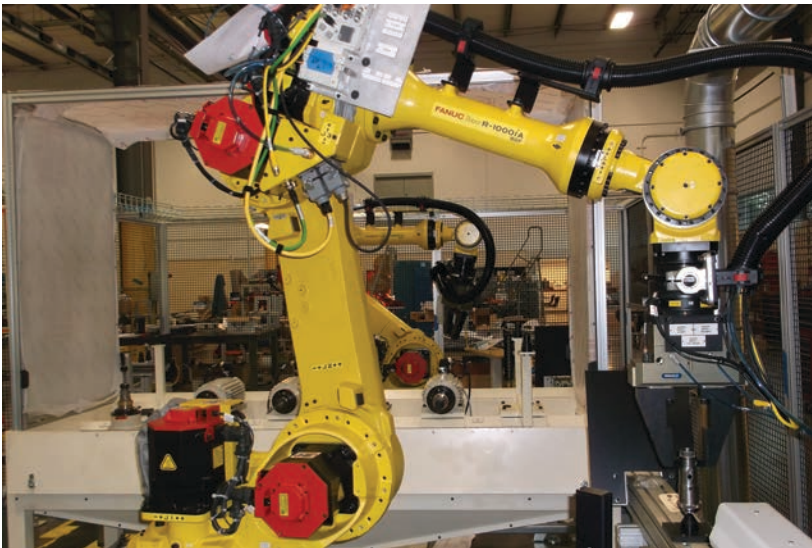
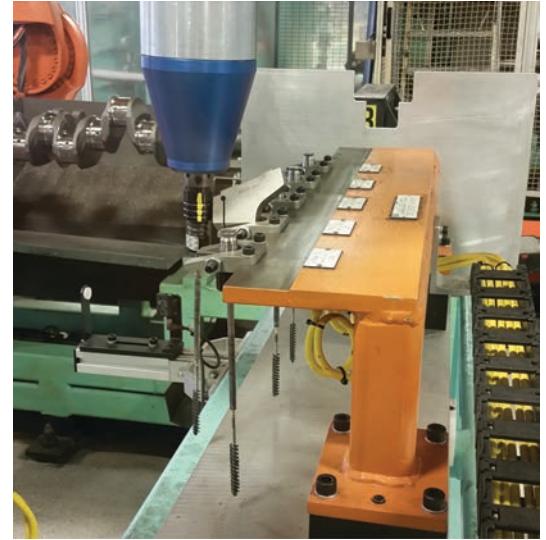
In high-precision, high-production manufacturing environments, an optimally automated deburring process is vital to producing the best parts, as fast as possible, with no down time. Care must be taken to regulate speed, feed, and pressure, so burrs are effectively removed without excess material removal.



OUR EXPERTISE

The challenges of deburring are many, including but not limited to complex geometries, material properties, and surface finish requirements. Creative Automation has extensive experience in overcoming those challenges. We have provided customers with automated solutions ranging from deburring multiple sides of an engine block in a single setup to deburring of the deep oil holes of a crankshaft.

Our goal is to develop the optimal system to meet your applications requirements, and we have the expertise and sophistication to do so. One key to our success is to conduct appropriate R&D to develop the ideal process. Another key is to establish good boundary samples of what is and is not acceptable. Several different tool types (such as grinding discs, carbide burrs, and wire brushes, etc.) may be used to achieve the desired effect.



INDUSTRIES SERVED

- Automotive OEMs
- Tier 1 Suppliers
- Truck Part Suppliers
- Aerospace
- Other Manufacturing

BENEFITS

- Meet tight tolerances
- Prevent excess removal
- Ensure consistent finish
- Minimize cycle time
- Maximize tool and system life

How could an improved deburring process advance your business and improve your bottom line?

TALK TO THE EXPERTS AT CREATIVE AUTOMATION TO FIND OUT.

