



Deburring, Grinding, Polishing

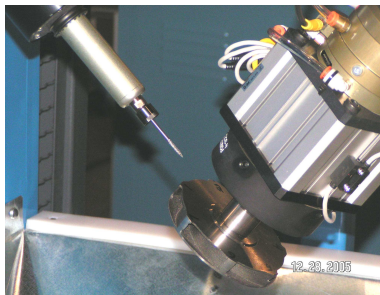
TEC Automation is a world-class supplier of robotic automation solutions.

We provide proof of concept, simulation, mechanical and electrical engineering, programming, assembly, run off, factory acceptance, training, installation and post installation service and support.

DEBURRING, GRINDING AND POLISHING

TEC delivers complete turnkey systems

Robotic systems, end-of-arm tools, force controlled machining, compliant tools, rigid tools, part presentation devices, inspection shuttles, vision systems



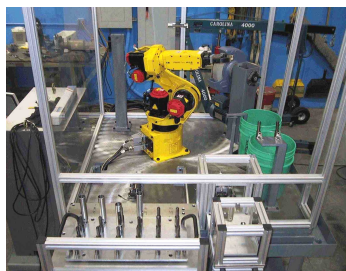
Deburring Pump Impellers
Compliant Milling Tool



Pump Diffuser Finishing Cell
Staubli RX90



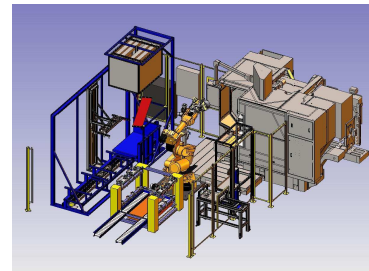
Deburring Pinion Gears
Staubli RX270



Deburring Rifle Receivers
Fanuc M-16iA Drop in Cell



Deburring Pinion Gears
Staubli RX270



Machine L/UL with Deburring
Robot with Vision

-----Industries Served-----

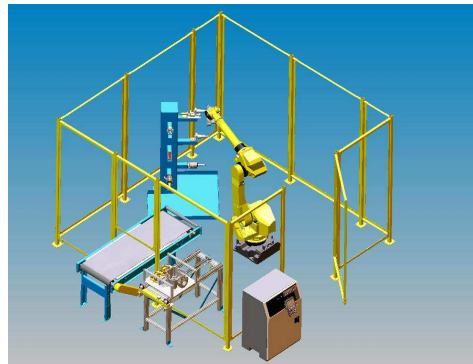
Machine Tools Glass Plastics Building Products	Aluminum Foundry Metals Health and Beauty Food and Beverage	Ductile Iron Foundry Paper Office Furniture Automotive Tier 1, 2...n
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-----TEC Products for Material Removal-----

- ✚ **Robots, controllers and robotic cells**
- ✚ **Gantry and overhead rail robots**
- ✚ **End-of-arm tools** - for machined parts, castings, sheet metal and plate stock, tubes, glass, gears and pinions, ceramic components, plastic parts, wheels, hubs and others
- ✚ **Part presentation** – mechanical and machine vision-based feeder systems
- ✚ **Vision systems** for part location, feature checking and robotic guidance
- ✚ **Part handling aids** - turnover, regrip and air blow off stands
- ✚ **PLCs and drives** – for use with our robotic cells and material handling systems
- ✚ **Data collection** and human-machine interface systems
- ✚ **Powered tools** – electric, pneumatic; rigid, compliant – reciprocating files, milling, sanding belts and wheels, buffing wheels, grinding, polishing and buffing wheels



3D Layout Dual Deburring Cell



3D Layout Aluminum Casting Clean up Cell

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