

DURAROBOTICS™
MAKING ROBOTICS MAKE SENSE



Machine Tending Robotic Work Cell with Vision

Scope

Provide a fully automated system to pick, load and unload a wide variety of parts from a grinding machine.

Solution

Durabotics integrated a Staubli TX90L 6-axis robot with an IPD/Dalsa vision system and Flexomation flex feeder.

System Components

Staubli RX90L 6-axis robot, main frame/structure with integral safety guarding, customized multi-part handling end effector, vision system, flex feeder, interlocked part unload bin, safety and electrical controls.

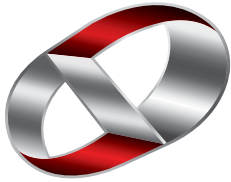
Result

Successful implementation of robotics to eliminate human labor in a hazardous environment and drive down labor and manufacturing costs.

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