TOOL CONNECT

RFID

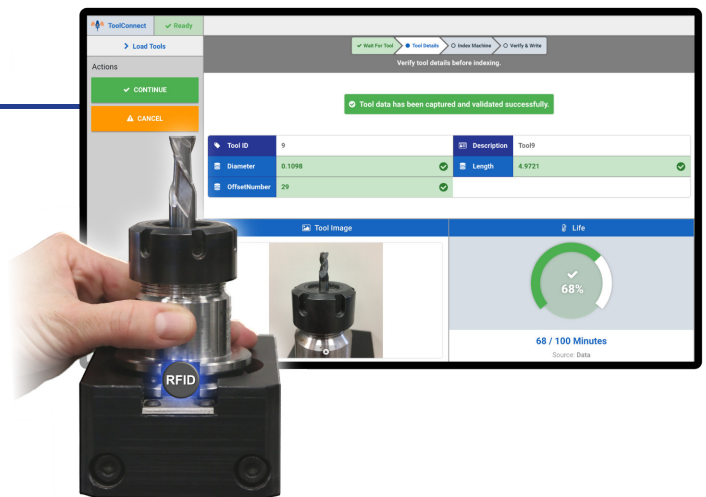# Tool Management and Identification System
using RFID technology

ToolConnect is a simple and cost effective way to automate the transfer of tool presetter data to (and from) the CNC machine control, using RFID (Radio Frequency Identification) tags in tool holders. The system is completely customizable to meet customer requirements and tool load process specifications.

FEATURES

- Easily integrates with machine tool controls

- Intuitive operator screens display all tool info and any user-defined information

- The UI can be accessed from any network connected PC via the web-based interface

- Automatically indexes to the correct tool magazine position (machine/control dependent)

- Configurable for almost any machine and control type

BENEFITS

- Automates the process of loading and unloading tools

- Reduces setup time

- Improves productivity

- Eliminates operator errors

- Low-cost tool identification

- Eliminates the need for a post-processor

- New features and functionality can be added remotely via the web-based interface

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Easy to use!

The tool presetter measures the tool and writes data to the RFID tag.

The tool is placed in a read station at the machine and all tool data is read and displayed by ToolConnect.

ToolConnect reads and writes data to the CNC control; automatically updating tool offsets and tool life data to (and from) the tag.

System Includes:

- ToolConnect software
- A custom-designed tool pot for the proper tool holder type
- A tool ID controller with read/write head
- An 8" touch screen PC for user prompts and information

Standard Control Interface for:

- Okuma P control
- Fanuc (Focas 1/2)
- Heidenhain
- Mitsubishi
- Siemens 840D

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