TOOL CONNECT

Barcode ID System

Increases process reliability

Reduces setup and cycle time

Eliminates errors associated with manual data entry

Tool 12

3.9721

0.8426

Electronic transfer of tool data direct to the CNC control

Simply scan the presetter-printed tool barcode at the tool load station and ToolConnect will automatically update tool data and offsets in the control. **No operator data entry or interaction with the control is needed!**
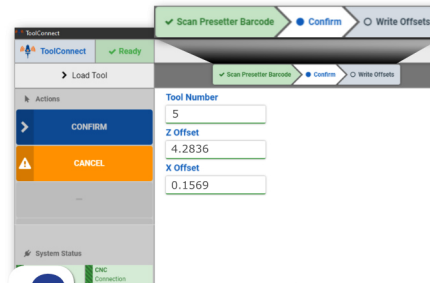
From Presetter to CNC

1 Tools are measured at the presetter where the tool data is printed to a barcode sticker

2 The barcode is scanned at the tool load station

3 ToolConnect processes and displays the scanned data, and guides the user through required tool load steps

4 ToolConnect writes offsets and tool data to the control

NO.	GEOM (H)	GEOM (D)
001	4.0005	0.1325
002	3.0079	0.9079
003	3.5142	1.0142
004	2.0414	0.1204
005	4.2836	0.1569
006	2.0016	1.3716
007	3.2526	1.0005

ToolConnect — Ready — Load Tool

Actions — CONFIRM — CANCEL

Tool Number: 5
Z Offset: 4.2836
X Offset: 0.1569

Scan Presetter Barcode • Confirm • Write Offsets

System Status — CNC Connection

Simple, *low-cost solution* to manage your tools

- Tools are scanned at the tool carousel and data is updated automatically

- Flexible design can accommodate changes at any time

- Every step, action, and data exchange is recorded with date and timestamp

- Infrastructure allows seamless upgrade to RFID system (additional cost)

Length

Diameter

Nose radius

Pull stud

Max RPM

*A **single scan** transmits all **tool data** to the correct fields in the CNC control*

powered by **MiCONNECT** technology

MTConnect