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Parameters, Diagnostics And Maintenance

Diagnostics Maintenance Parameters

Gauges System Axis I/O MOCON MISC. Keyboard I/O I/O Config

Configuration

Serial Number 3121972
Model ST-28Y

Software

Release 100.24.000.1400
Link 09/12/2025 13:02
MOCON 1.17 .S
Control 13:03:45 Sep 12 2025
Help Version 1

Hardware

FPGA Firmware Version 1.69
FPGA EEPROM 16
FPGA Vendor INTEL
FPGA Model C4
Robot Interface Version

Machine Data

Run Time 72:21:12
Bill Time 7 Days
Tool Changes 11
Power Cycles 10
Power On Time 92:23:18

Security Key State

Security Key State Valid
Parameters Unlocked

Safety Levels

Operator Door Safety Level 1
Load Station Door Safety Level 1
Tool Changer Cage Door Safety Level 1
Alarm Level 2

PAGE DOWN Scroll Down

Hand Jog

	Position: (IN) Work G54	Distance To Go	Machine	log Rate: 0.0100 Operator
X	-15.6209	0.0000	-15.6209	-15.6209
Y	0.0000	0.0000	0.0000	0.0000
Z	-1.0904	0.0000	-1.0904	-1.0904
B	-0.9300	-0.9300	-0.9300	-0.9300
C	-----	-----	-----	-----

10°F

Low Coolant E-Stop

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03
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Parameters, Diagnostics And Maintenance

Diagnostics Maintenance **Parameters**

Features Factory Patches Configuration Compensation Activation

Search **F1**

	Feature	Status	Date:
<input type="checkbox"/>	Machine	Feature Disabled	Remaining 7 Days 23 hrs
<input checked="" type="checkbox"/>	Macros	Purchased	Acquired 01-5-70
<input type="checkbox"/>	Rotation And Scaling	Tryout Available	
<input checked="" type="checkbox"/>	Rigid Tapping	Purchased	Acquired 01-5-70
<input type="checkbox"/>	TCPC and DWO	Tryout Available	
<input checked="" type="checkbox"/>	M19 Spindle Orient	Purchased	Acquired 01-5-70
<input checked="" type="checkbox"/>	VPS Editing	Purchased	Acquired 01-5-70
<input checked="" type="checkbox"/>	Media Display	Purchased	Acquired 01-5-70
<input checked="" type="checkbox"/>	Max Memory: 1GB	Purchased	Acquired 01-5-70
<input checked="" type="checkbox"/>	Wireless Networking	Purchased	Acquired 01-5-70
<input checked="" type="checkbox"/>	Compensation Tables	Purchased	Acquired 01-5-70
<input checked="" type="checkbox"/>	High Pressure Coolant	Purchased	Acquired 01-5-70
<input checked="" type="checkbox"/>	Max Spindle Speed: 3200 RPM	Purchased	Acquired 01-5-70
<input checked="" type="checkbox"/>	Max Sub Spindle Speed: 6000 R...	Purchased	Acquired 01-5-70
<input checked="" type="checkbox"/>	Max LT Spindle Speed: 4000 RPM	Purchased	Acquired 01-5-70
<input type="checkbox"/>	Robot	Feature Disabled	Purchase Required

*Tryout time is only updated while Feature is enabled.

ENTER Turn On/Off Feature

Hand Jog

	Position: (IN) Work G54	Distance To Go	Machine	Jog Rate: 0.0100 Operator
X	-15.6209	0.0000	-15.6209	-15.6209
Y	0.0000	0.0000	0.0000	0.0000
Z	-1.0904	0.0000	-1.0904	-1.0904
B	-0.9300	-0.9300	-0.9300	-0.9300
C	-----	-----	-----	-----

60°F

Low Coolant E-Stop

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5 Diagnostics Maintenance Parameters

Gauges System Axis I/O MOCON MISC. Keyboard I/O I/O Config

Search **F1**

Type	Name	Value	Filter
IOPerformance	Total Errors (Tx)	0	<input type="checkbox"/>
IOPerformance	Total Crc Errors (Tx)	0	<input type="checkbox"/>
IOPerformance	Total Sequence Errors (Tx)	0	<input type="checkbox"/>
IOPerformance	Qos (Total)	1.9197279321758742...	<input type="checkbox"/>
ControllInfo	Packets Lost From Control	0	<input type="checkbox"/>
WarmUpCompensat...	Remaining Warmup Time	0:00:00	<input type="checkbox"/>
SystemData	SD Card CID	Not Available	<input type="checkbox"/>
SystemData	User Data Mount	Internal	<input type="checkbox"/>
SystemData	Flash Memory Size	15 GB	<input type="checkbox"/>
SystemData	Run Time	72:21:37	<input type="checkbox"/>
SystemData	Power On Time	92:23:43	<input type="checkbox"/>
SystemData	Spindle Time	1:58:16	<input type="checkbox"/>
SystemData	Spindle Motor Temperature	59.814°F	<input type="checkbox"/>
SystemData	Servo Time	7:34:18	<input type="checkbox"/>
SystemData	Total Feed Time	0:00:00	<input type="checkbox"/>
SystemData	Motion Time	1:33:21	<input type="checkbox"/>
SystemData	Number of Tool Changes	11	<input type="checkbox"/>
SystemData	Number of Gear Changes	0	<input type="checkbox"/>
SystemData	Axis X1 Invalid Encoder Count	0	<input type="checkbox"/>

ENTER Select filter criteria **ALTER** Filter by selected criteria **F2** Clear all filters

Hand Jog

	Position: (IN) Work G54	Distance To Go	Machine	Jog Rate: 0.0100 Operator
X	-15.6209	0.0000	-15.6209	-15.6209
Y	0.0000	0.0000	0.0000	0.0000
Z	-1.0904	0.0000	-1.0904	-1.0904
B	-0.9300	-0.9300	-0.9300	-0.9300
C	----	----	----	----

50°F

Low Coolant E-Stop

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