



SeeNC
INTERFACE™

Simplify Your Workflow, Boost Efficiency, Achieve More.

INTRODUCING SeeNC INTERFACE®

Onsrud's updated HMI interface offers the simplicity and functionality to save time and operate efficiently.

Updated features include:

- NEW** Modern design.
 - NEW** Remake parts straight from the code.
 - NEW** Interactive graphical interface.
 - NEW** Drag and drop Flex Scheduler.
 - NEW** Customizable features.
- And more!



Active Program (Path 1):
01_Circle_Quad.nc (01_C

N4237X-6.8257Y8.9998C37.178
 N4238X-6.657Y9.1253C36.111
 N4239X-6.4863Y9.2474C35.046
 N4240X-6.3135Y9.3662C33.983
 N4241X-6.139Y9.4815C32.922
 N4242X-5.9626Y9.5934C31.862

File Edit Settings Modules Modes Help

Current Tool: **000** AICC

Length: **H0 0.0000** Radius: **D0 0.00**

Z Shift: **0.0000** Enter

Buttons: X1 147.5002 To Go 0.0000
 Y1 9.7141 To Go 0.0000
 Z1 21.9998 To Go 0.0000
 A1 0.0000 To Go 0.0000
 C1 0.0000 To Go 0.0000

Active Program: **cab_nest_w_Drill.NC (CA**

(PROGRAM - CAB_NEST_W_DRILL.NC)
 (DATE - 2023.10.26)
 (TIME - 3:23 PM)

(----- TOOL LIST -----)
 (TOOL # 99 = 9 SPINDLE DRILL BLOCK)
 (TOOL # 05 = 1/2 DN-CUT FINISH)
 (TOOL # 07 = 3/8 M-COMPRESSION)
 (----- PREPARATORY CODES -----)
 G00G91G28Z0.
 G17G20G40G49G55

Estimated Time Left: **00:05:42** Total Cycle Time: **00:00:20**

Cycle Count: **0 : 0** Reset Count up Count down

0%

	Programmed	Override	Actual
Feed Rate:	0	100%	0
Rapid Rate:	0	100%	0
Spindle RPM:	0	100%	0

cab_nest_w_Drill.NC

SPINDLE COOL

Set Door Width

set 501=0

MDI MODE ONLY

Z shift 0

AUTO/ IDLE X: 147.5002 Y: 9.7141 Z: 21.9998

#	Length	L Wear	Radius	R Wear	Tool SKU	Load%
1	5.9910	0.0000	0.0000	0.0000	10MM END MI	0
2	11.1111	0.0000	0.0000	0.0000	60-321	42:85
3	11.1111	0.0000	0.0000	0.0000	56885	2:7
4	11.1111	0.0000	0.0000	0.0000		0
5	11.1111	0.0000	0.0000	0.0000		1:4
6	11.1111	0.0000	0.0000	0.0000		0
7	11.1111	0.0000	0.0000	0.0000		0
8	11.1111	0.0000	0.0000	0.0000		0
9	11.1111	0.0000	0.0000	0.0000		0
10	11.1111	0.0000	0.0000	0.0000		0

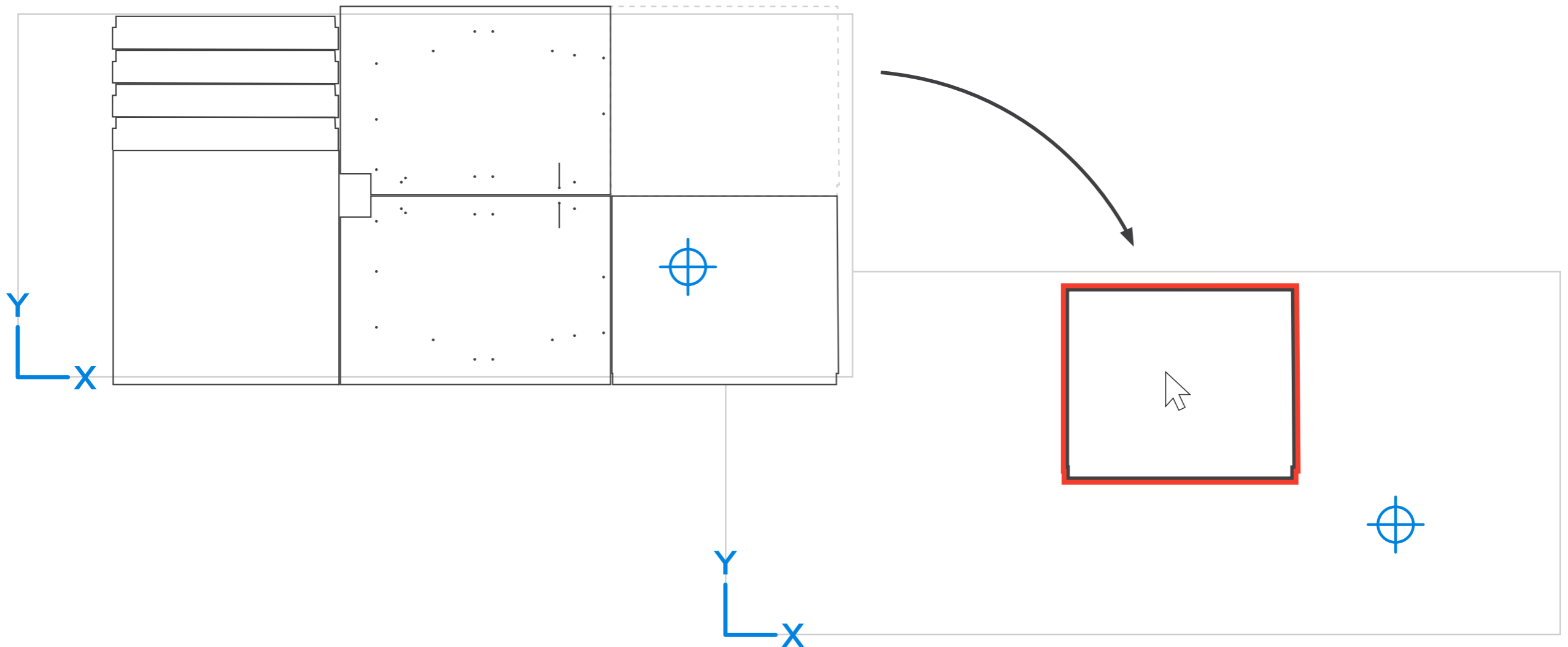
Manual Measure
 Auto Measure
 Pick Up
 Park Tool

NEW MODERN DESIGN

Our new Onsrud SeeNC Interface™ takes the same easy-to-use approach from our current operator control interface and adds the most requested time-saving features, giving you the simplicity and functionality to save the most time and operate even more efficiently.

NEW REMAKE PARTS

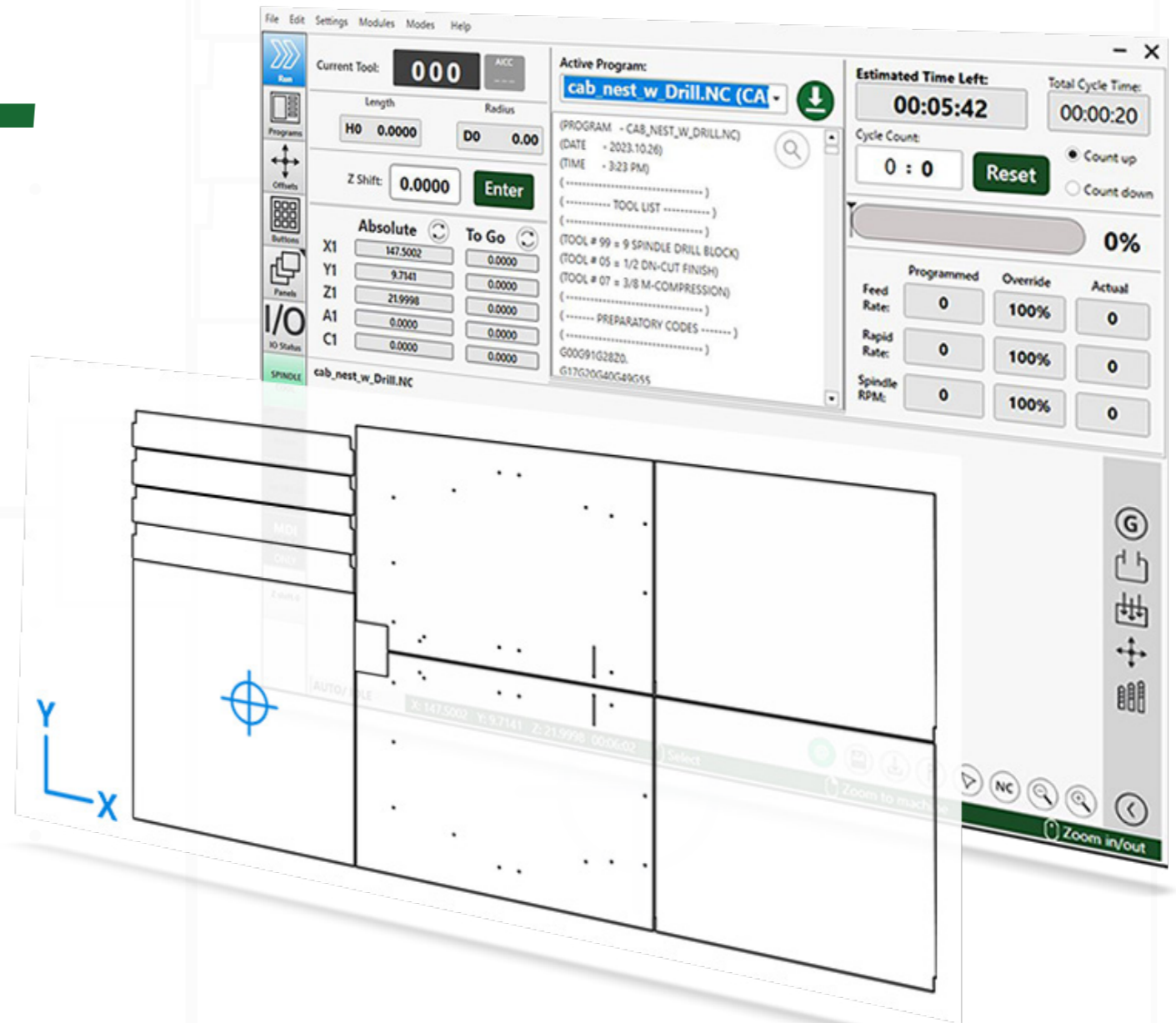
- › Remake parts straight from the G-code program in a friendly drag and drop interface.
- › Odd number of parts? Import individual part files directly into your program.
- › Select a partial group of parts in a nest to be machined. Or build your own nest!

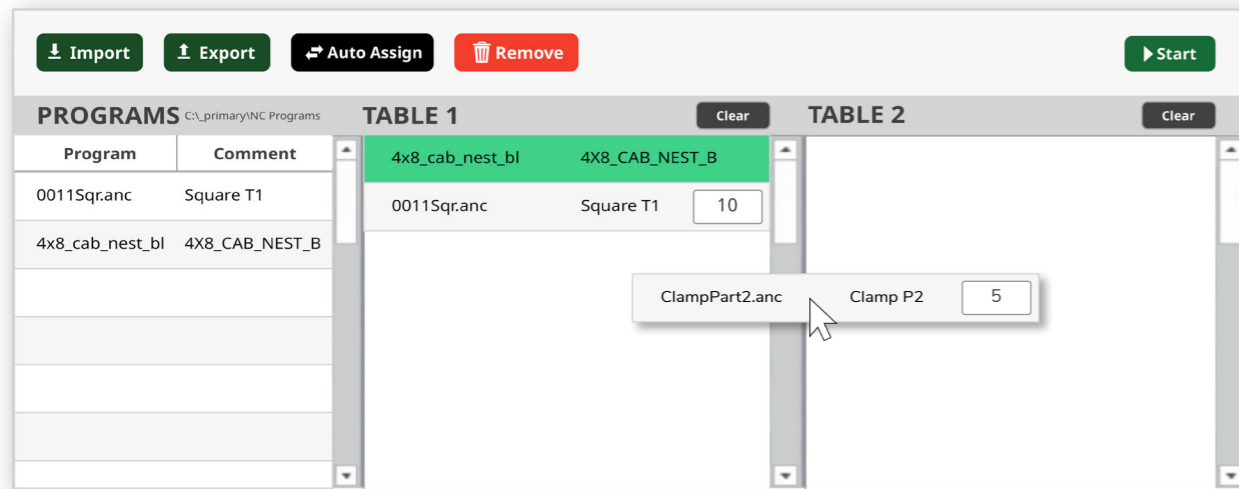


NEW GRAPHICAL INTERFACE

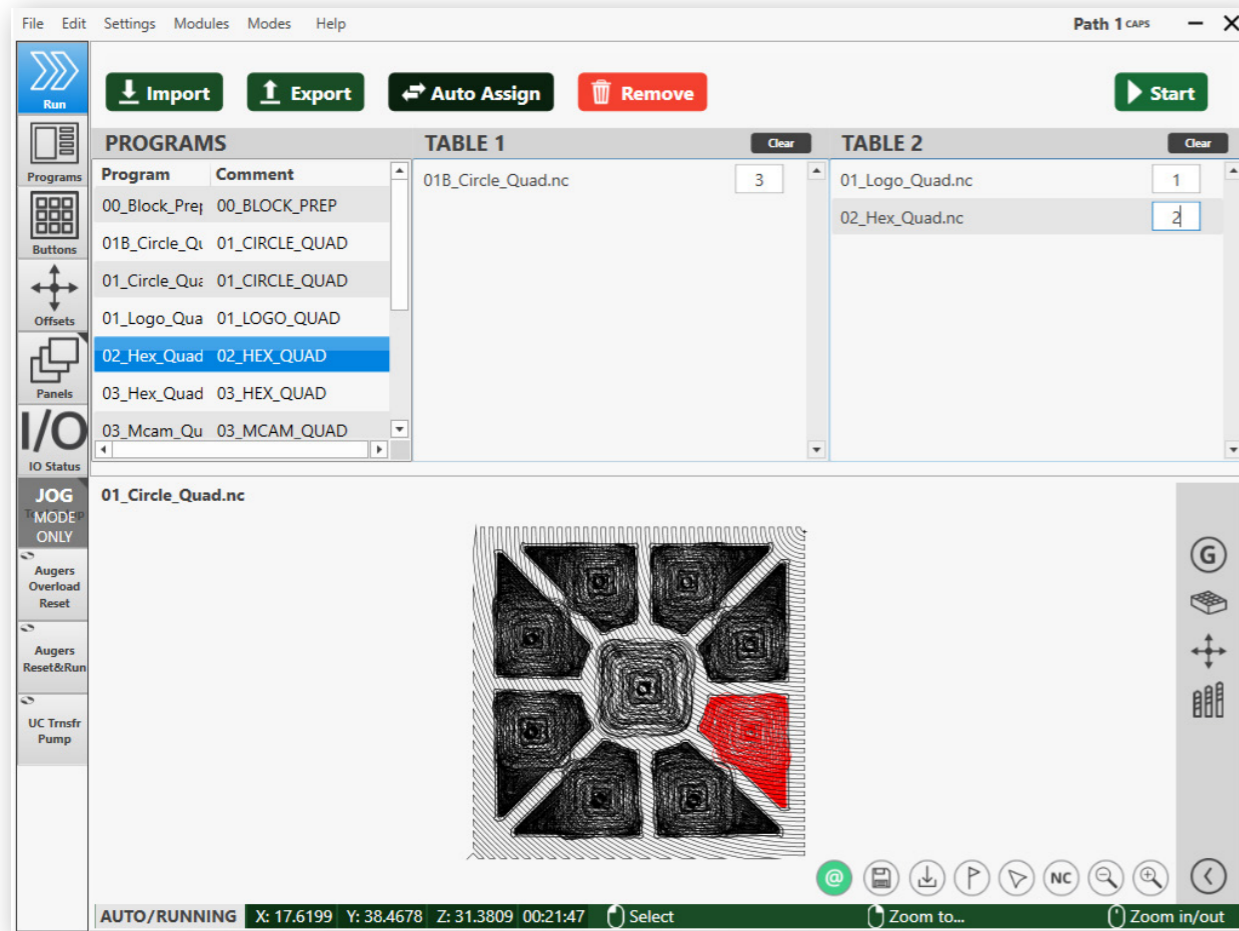
Visualize and interact with your programs to get a better overview of your nested sheet or individual parts.

- › View the location of your spindle, clamps, vacuum zones, fixtures, etc.
- › Move parts and then save new cutting paths for future use.
- › Tightly arrange (nest) parts for maximum material yield.
- › Manually reposition and remake parts straight from the G-code program (no reposting code necessary).





NEW FLEX SCHEDULER



Easily setup your programs for the day with the drag and drop interface designed for efficiency.

- › Save time with enhanced table modes and batching features.
- › Set the amount of times each program will run.
- › Import/export programs and parts.
- › Auto assign programs to the next ready table.
- › Know what is coming next for each table.

NEW **CUSTOMIZABLE** **FEATURES**

Increase efficiency with the touch of a button!
New customizable buttons unlock unlimited possibilities for your Onsrud CNC.

- › Run Complex MDI codes
- › Run Programs
- › Run Macros
- › Assign Functions
- › Group Panels
- › And more

Customize the interface in a way that is most convenient to you. User-based accounts lets everyone have their preferred layout.



**Customizable Buttons sold separately. Contact Parts for more information.*

ADVANCED TROUBLESHOOTING

Easily monitor I/O statuses for quick and easy troubleshooting.

- › Search through all your inputs and outputs fast.
- › Monitor custom PMC Gauges.
- › Track your spindle's total run time.
- › Closely watch your spindle and servo's loads.
- › Quickly identify issues with color-coded tags.

Vac 1	00.0000	inHg
Vac 2	5.5120	inHg
Vac 3	2.9689	inHg
Vac 4	00.0000	inHg

The screenshot displays a comprehensive CNC control interface with the following sections:

- Top Bar:** File, Edit, Settings, Modules, Modes, Help. Path 1 CAPS.
- Current Tool:** 011 (AICC 10).
- Dimensions:** Length (TCP H11 6.5110), Radius (D0 0.00).
- Z Shift:** 0.0000 (Enter).
- G57 Absolute To Go:** X (-6.7295, -0.0425), Y (9.5854, 0.6839), Z (-1.2688, 0.0000), A (-12.8180, 0.0000), C (34.2610, -3.2260).
- Active Program (Path 1):** 01_Circle_Quad.nc (01_C). List of program blocks (N4237X to N4250X).
- Time & Cycle:** Estimated Time Left: 00:58:52, Total Cycle Time: 00:12:42, Cycle Count: 0:0 (Reset), Count up/down options.
- Progress:** 3% completion bar.
- Feed/Rapid/Spindle Rates:**

	Programmed	Override	Actual
Feed Rate:	85	100%	85
Rapid Rate:	0	100%	0
Spindle RPM:	3,350	100%	3,350
- Hours:** Total Spindle Hours: 0:00:43, Current Spindle Hours: 0:36:10 (Reset).
- IO Status:** JOG MODE ONLY, Augers Overload Reset, Augers Reset&Run, UC Trnsfr Pump.
- Search & List:** Search bar and list of I/O points (X0006.0 to X0008.1) with descriptions.
- Spindle Load (%):** S1 3.
- Servo Load (%):** X 7, Y 12, Z 51, A 7, C 14, XRF 1, YDR 3, YDL 7, U 38, ZS 51.
- Servo Temp (C):** X 23, Y 20, Z 28, A 20, C 20, XRF 22, YDR 21, YDL 22, U 22, ZS 28.
- PMC Gauges:** (Empty section).



OVER-THE-AIR UPDATES

Receive the latest features and purchased customizations over-the-air. Order today and we'll send it directly to you over the airwaves!

Requirements:

- › FANUC Control System
- › Windows 10 or higher
- › Connection to the Internet

*Not all features may be available on all machine configurations.

Contact our parts team
today to get SeeNC Interface™

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