

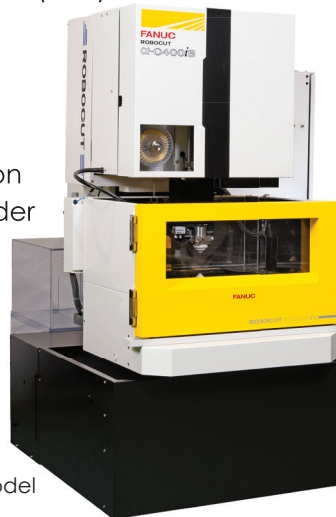
FANUC

Exceptional Performance
Uncompromising Reliability

New! ROBOCUT CiB Series

The latest generation of Fanuc RoboCut wire EDMs offer as standard:

- Fanuc 31i-WB control with *i*HMI user interface
- Dynamic Thermal Displacement Compensation
- Flexible Pulse Control (FPC)
- **Linki** remote monitoring
- 3D Compensation Function
- ECO Mode Function
- Unmatched threader capability - even through the kerf



New C400iB Model



New C800iB Model



Core Stitch Function

The Most Talked About Feature at IMTS

Fanuc's new RoboCut α-CiB Series comes standard with **Core Stitch Function**, which allows you to better plan your jobs and extend unmanned machining hours.

Stitch points are set by the operator without any pre-programming, this is the ideal solution for long, unmanned machining and multi-workpiece cutting processes. When the job is done you simply tap out the cores manually without any risk to the machine. No more glue tabs or magnets needed to hold slugs!

ROBOCUT CiB | Specs

Specification	Unit	C400iB	C600iB-12	C600iB-16	C800iB-12	C800iB-20
X-Axis Travel	in (mm)	15.7 (399)	23.6 (600)	23.6 (600)	31.5 (800)	31.5 (800)
Y-Axis Travel	in (mm)	10.6 (270)	15.7 (399)	15.7 (399)	23.6 (600)	23.6 (600)
Z-Axis Travel	in (mm)	10 (254)	12 (305)	16 (406)	12 (305)	19.7 (500)
Machine Weight	lbs (kg)	4000 (1815)	6700 (3040)	6900 (3130)	9260 (4200)	9500 (4310)
Maximum Workpiece Size	in (mm)	28.7 x 24.8 x 9.8 (730 x 630 x 250) W/O Auto Door	41.3 x 32.3 x 11.8 (1050 x 820 x 300) W/O Auto Door	41.3 x 32.3 x 16.1 (1050 x 820 x 400)	49.2 x 38.3 x 11.8 (1250 x 975 x 300)	49.2 x 38.3 x 20.2 (1250 x 975 x 510)
Maximum Workpiece Weight	lbs (kg)	1100 (500)	3550 (1610)	3550 (1610)	6613 (3000)	6613 (3000)
U/V Travels	in (mm)	±2.362 (60)	±3.937 (100)	±3.937 (100)	±3.937 (100)	±3.937 (100)
Z-Axis Travel	in (mm)	10.0 (255)	12.2 (310)	16.2 (412)	12.2 (310)	20.2 (510)
Maximum Cutting Speed (Brass)	in ² /hr (mm ² /hr)	31 (788)				
Auto Wire Feed (AWF 2)	-	Standard				
Wire Diameter	in(mm)	ø 0.004 - 0.012 (0.21-0.31)				
Maximum Wire Spool Weight	lbs (kg)	35 (16)				
Positioning Accuracy	in (mm)	±.0001				
Dielectric Tank						
Tank Capacity	gal (L)	145 (550)	301 (1140)	278 (1053)	265 (970)	265 (970)
Paper Filter (Cartridge Type)	quantity	2				
Inverter Chiller	-	Standard				
Power Supply						
Digital Power Supply	-	Standard				
AC Power Supply (Switchable)	-	AC/DC				
Microfinish Power Supply	-	Optional			-	
PCD Power Supply	-	Optional			-	
Control	-	FANUC 31i-WB Control with new iHMI User Interface				
Maximum Programming Memory		4MB				
Total Simultaneous Axis		5 axis Standard (6/7 axis Optional)				

* 1 min. rating
** continuous

Standard Features

- Discharge control AiP2
- Anti-recast power supply
- 3D Coordinate System Rotation
- Thermal Monitoring and compensation
- "Core Stitch" Slug Retention
- Auto wire feeding AWF2 measurement function

- FANUC 31i-WB controller with new iHMI User Interface
- Wire size: .004" to .012"
- Inverter controlled chiller
- CUT-LINKi Offline Cutting Monitor (STD)
- Remote PC Capability
- Wire and Power Savings Mode

Optional Features

- Microfinish Power Supply
- Fully Integrated A, A/B axis for "Turn & Burn" Capability
- PCD Power Supply
- Large Spool Autoloader
- Wire Chopper
- Soft Wire Threading
- 30/45 degree guides
- Renishaw Probe
- Automatic door
- CAMi Programming Software



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