

# SVURG DIGITAL SYSTEM SOLUTIONS PVT. LTD.

Unit #005, U.S. Complex, 120, Jasola, New Delhi, India

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www.svurg.com

# DIGI-SYS

An ISO 9001:2015 Company



## “ECO-Cut” CNC Router Series

### HIGH SPEED METAL CUTTING & MILLING CNC ROUTER

- Self contained solution for instant production
- High precision, repeat accuracy and Energy efficient
- 3 Axis CNC Router & 4 Axis Optional
- Leadshine Stepper motor driver
- USB plug-In for Rapid file transfer
- High precision and high repeat accuracy
- BLDC Spindle motor (400W to 7.5 KW)
- High strength T-Slot Aluminium Structure
- Easy Installation and maintenance
- Complete set up with coolant tank and fixing attachments available
- Best in industry sales and service support

**WE SELL SOLUTIONS AS PART OF PRODUCT**

## Technical Specification

### MAIN FEATURES:

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>• Bed Structure</li> <li>• Rail Guide and Ball Screw</li> <li>• Distance between Bed and Gentry</li> <li>• Maximum Travelling Speed</li> <li>• Repeated Location</li> <li>• Operating System</li> <li>• Drive System</li> <li>• Command Code</li> <li>• Computer Interface</li> <li>• Data Transfer Interface</li> <li>• Computer Software</li> <li>• Weight</li> <li>• Spindle Type</li> <li>• Power Supply</li> <li>• Warranty Period</li> <li>• All Axis Calibration</li> <li>• Coolant System</li> </ul> | <p>T Slot Table (Custom Sizes Available)</p> <p>Linear guide ways</p> <p>200 mm</p> <p>2 Mtrs./ Min</p> <p>0.01mm (0.005 optional)</p> <p>Self Contained Robotic Controller</p> <p>Leadshine Stepper Motor driver (Servo optional)</p> <p>G Code / M Code</p> <p>USB</p> <p>USB (Offline)</p> <p>CAD/CAM Software's (not supply with machine)</p> <p>100-250 Kgs. (Approx.)</p> <p>Air Cooled / BLDC</p> <p>AC 230V/400V 50/60 Hz 3 Phase</p> <p>One Year (Extended up to 3 Years)</p> <p>Factory Standard Calibration</p> <p>Collector Tank, Pump, Piping up to nozzle</p> |
|---|---|

S. No.	Technical Parameter	Anmol-1000	ECO-Cut 1200	ECO- Cut series
<b>1</b>	<b>CAPACITY</b>			
1.1	Working Table (Length)	1000 mm	1200 mm	400 to 2700
1.2	Working Table (Width)	600 mm	800 mm	400 to 1500
1.3	Working Table Max load	500 Kg	500 Kg	As Per Design
1.4	Active Cutting area (X,Y,Z) in mm	350, 600, 200	500, 700, 200	As Per Design
1.7	A axis Travel (Optional)	360 Degree	360 Degree	360 Degree
1.8	Workspace Area (X, Y, Z) in mm	600, 1000, 200	800, 1200, 200	As Per Design
1.9	Dimensions (in mm)	960, 1100, 680	1070,1300, 680	As Per Design
<b>2</b>	<b>MACHINE SPINDLE</b>			
2.1	Spindle Speed (adjustable)	Up to 24000 rpm		
2.2	Spindle Capacity (Water Cooled)	2.2 KW	2.2 KW	0.5 to 7.5 KW
<b>3</b>	<b>ACCURACY</b>			
3.1	Positional Accuracy	0.02 mm or better		
3.2	Repeatability	0.005 or better		
<b>4</b>	<b>Coolant System</b>			
4.1	Tank Capacity	50 Litre	50 Litre	Custom Make
4.2	Coolant Nozzle & Pump	Included	Included	Included

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<b>5 Axis Drive and control</b>				
5.1	Controls and drivers	Self Contained Digital Controller		
5.2	Linear Guide	20 mm	20 mm	Customized
5.3	Rapid Speed	2000 mm Min.		
5.4	Feed Rate X/Y/Z	Programmable		
<b>6 CNC Control Features</b>				
6.1	Controller	3 Axis		
		(4 Axis Optional)		
6.2	3 Axis Simultaneous controllable	✓	✓	✓
6.3	Standard USB Port	✓	✓	✓
6.4	Display alarms	✓	✓	✓
6.5	Emergency Stop	✓	✓	✓
6.6	Pitch error compensation	✓	✓	✓
6.7	Backlash compensation	✓	✓	✓
6.8	Easy Processing of G Code & M code	✓	✓	✓
6.9	Feed Forward Control	✓	✓	✓
6.10	LCD colour monitor with Soft Key	✓	✓	✓
6.11	Separate spindle controller for easy use of spindle speed rate. (VFD)	✓	✓	✓
6.12	Micro Stepping supported	✓	✓	✓
6.13	High strength Aluminum T- Slot Structure	✓	✓	✓
<b>7 Essential Accessories</b>				
7.1	Splash Guard	✓	✓	✓
7.2	Workpiece Zero reference	Standard		
7.3	Workpiece holders	Optional		
7.4	Door safety interlock	Optional		
7.5	Full encloser for safety Operation	Optional		

Above Specifications are subject to change without Prior Notice.

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## Why Choose **DIGI-SYS**

Your creative skills need well designed products configured to meet your challenges and compliment your efforts. Our in house innovative end to end computer aided design and manufacturing process is the best solution to meet production timelines. Our artificial intelligence integrated in every product design, provides unmatched flexibility in field to configure our products to critical demanding needs and yet are very simple to operate. Proving technology and human innovation know no limits.

Our marketing and sales is firmly bonded to customer support. Our technical experts assist you in system configuration as part of our product offering, optimised to your needs. In other words our support starts even before you buy a product from us. Our goal is to provide you THE BEST SOLUTION for your needs rather than sell you what we have in stock. Prospects who show interest in our products and services invariably get rewarded with best solution at most cost effective price.

## Our Product Lines

- CNC controlled routers
- Broadcast audio products
- Wind Turbine
- Remote Site Controller
- Automation controllers
- Warning light displays
- Teleprompter
- Speechprompter and many more...



## For Sales, Support & Information

**SVURG DIGITAL SYSTEM SOLUTIONS P Ltd**

(ISO 9001 : 2015)

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