



RTD

TOTAL CUT RTD ROUTER. HEAVY DUTY. PRECISION.

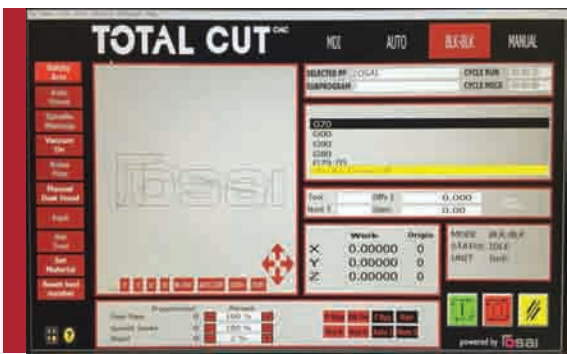
THE TOTAL CUT CNC ROUTER IS PERFECT FOR CUSTOMERS LOOKING TO CUT MANY TYPES OF MATERIALS WITH EXTREME PRECISION. THE FRAME IS MADE OF HEAVY DUTY TUBE STEEL, WITH A 1" THICK SOLID ALUMINUM VACUUM TABLE, THIS MACHINE IS BUILT FOR CONTINUOUS INDUSTRIAL USE. BUILT WITH THE HIGHEST QUALITY COMPONENTS LIKE ATLANTA DRIVE SYSTEMS GEARBOXES, HSD SPINDLES, AND AN OSAI CONTROLLER, THIS MACHINE IS DESIGNED TO HANDLE THE TOUGHEST CUTTING APPLICATIONS WITH PRECISION ACCURACY AND THE HIGHEST QUALITY EDGE FINISH.



HIGHLY ACCURATE **HELICAL RACK AND SPLIT PINION** WITH **35MM LINEAR BEARINGS**, PROVIDES SMOOTH AND PRECISE MOVMENTS



ATLANTA DRIVE SYSTEMS SERVO REDUCERS ARE PERFECT FOR USE IN APPLICATIONS THAT DEMAND HIGH PERFORMANCE, PRECISE POSITIONING AND REPEATABILITY.



INDUSTRIAL CNC CONTROLLER FROM **OSAI** POWERFUL AND EASY TO USE. OPTIONAL HANDHELD PENDANT AVAILABLE



WORLD LEADING **SPINDLE MOTORS** FROM **HSD MECHTRONICS** 4KW (5HP) UP TO 15KW (20HP) FOR THE MOST DEMANDING APPLICATIONS.

FEATURES

- Structural Tube Steel Frame Construction
- Standard Sizes: 4' x 8', 5' x 10' and 5' x 12'
- 1" Thick Solid Aluminum Vacuum Table
- Automatic Electro-Pneumatic Vacuum Zones
- Pop Up Material Locator Pins
- Helical Rack & Pinion on X & Y Axis
- Ballscrew on the Z Axis
- Osai Controller and Servo Motors
- 8 Position linear Automatic Tool Changer
- Optional 8 or 12 Position Rotary Automatic Tool Changer
- Standard 8" of clearance
- Dust Hood with Synthetic Brushes
- Remote Machine Connection Support
- Lifetime Phone Support
- 2 Year Warranty

OPTIONS

- C Axis for Horizontal cuts.
- Rotary (Lathe) Axis
- Total Vision Registration System for Digital Print Alignment
- Tangential Knife System with multiple knife types
- Auto Misting or Cold Air for Aluminum Cutting
- Multi Head 32MM System Drill Bank

SPECIFICATIONS

Z-Axis Clearance: 8" optional up to 16"

Maximum traverse speed: 3500 IPM

Maximum Cut Speed: 3500 IPM

Repeatability: 0.001"

Positioning Accuracy: 0.002"

MACHINE DIMENSIONS STANDARD INCH					
MODEL	CUT AREA	LENGTH	WIDTH	HEIGHT	WEIGHT
RTD - 48	4' X 8'	130"	90"	80"	5800 LBS
RTD - 510	5' X 10'	185"	100"	80"	6500 LBS
RTD -512	5' X 12'	210"	100"	80"	6800 LBS

**Dimensions are for reference only and subject to engineering changes at any time.*

MACHINE DIMENSIONS METRIC MM					
MODEL	CUT AREA	LENGTH	WIDTH	HEIGHT	WEIGHT
RTD - 48	1200 X 2400	3300	2300	2000	2630 KG
RTD - 510	1500 X 3000	4700	2500	2000	2950 KG
RTD -512	1500 X 3600	5300	2500	2000	3085 KG

**Dimensions are for reference only and subject to engineering changes at any time.*

MATERIALS

WOOD PRODUCTS

- SOLID HARD WOODS
- PLYWOOD
- MDF
- MELAMINE

PLASTIC PRODUCTS

- ACRYLICS
- PVC
- SINTRA
- STAR BOARD

NON-FERROUS METALS

- ALUMINUM
- BRASS
- COPPER
- MELAMINE

COMPOSITE PRODUCTS

CARDBOARD & PRINTED MATERIALS

OUR RECOMMENDED VACUUM PUMPS



- Bush MM1322 10HP 200ACFM 25.5Hg 82Db
- Bush MM1402 12HP 277ACFM 24Hg 83Db



- VMAX VMX0303KA1 20HP 280CFM 25Hg
- VMAX VMX0453KA1 25HP 375CFM 25Hg
- VMAX VMX0553KA1 40HP 540CFM 25Hg



GET IN TOUCH.

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