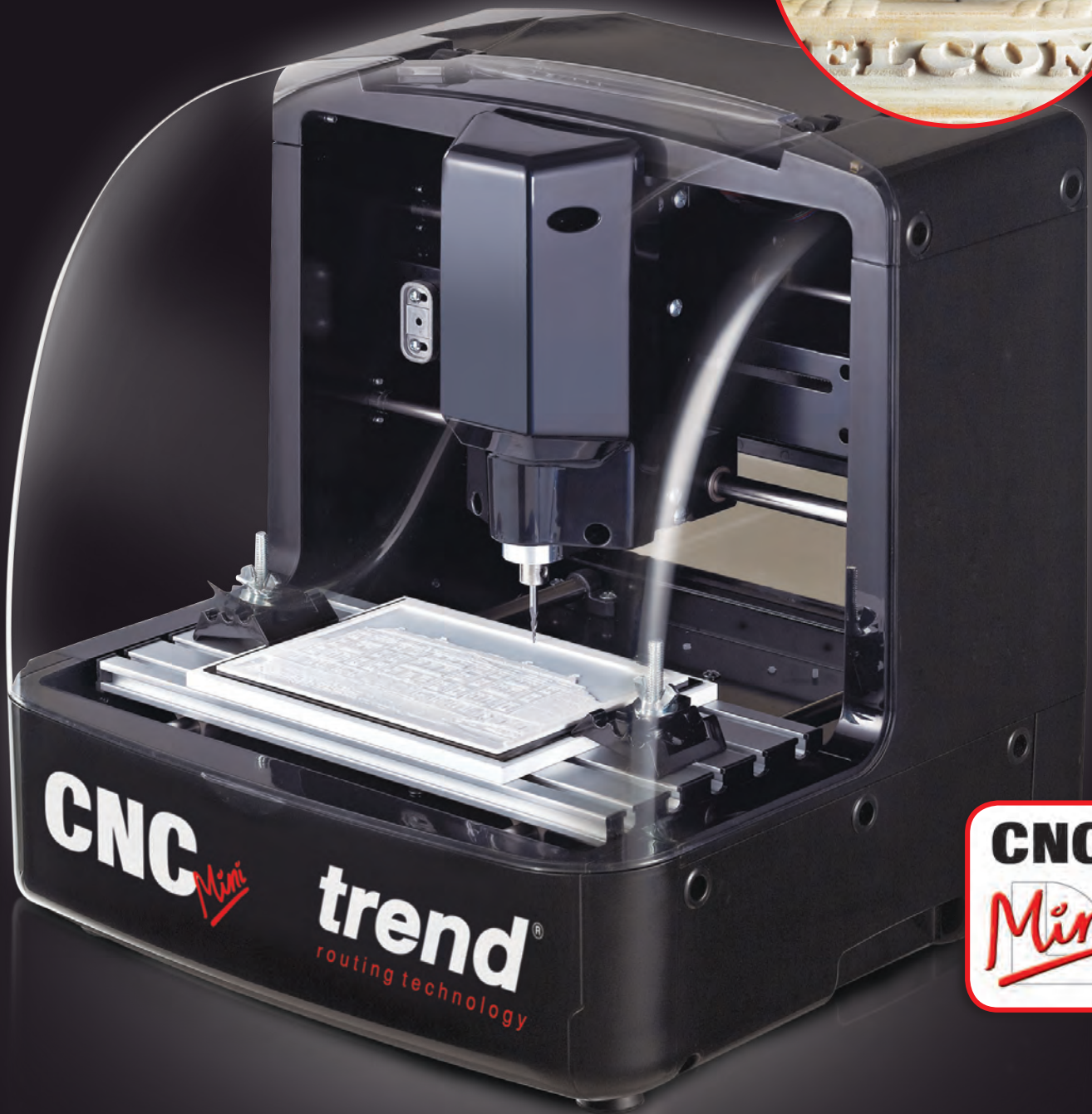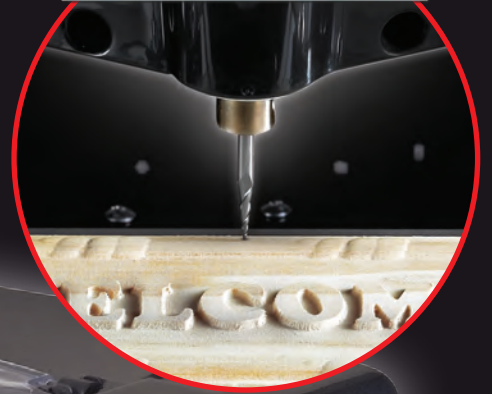# CNC *Mini*

Computer Controlled Routing Technology

CNC *Mini*

trend ®
routing technology
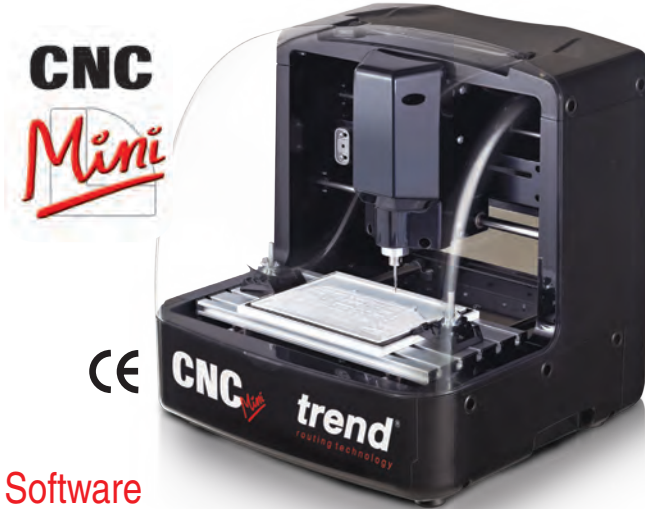
CNC *Mini*

trend ®
routing technology

The latest miniature engraving machine for 2D & 3D engravings, photo images & routing projects. Complete with easy to learn software.

FULLY ENCLOSED FOR SAFETY

The CNC Mini is the latest desktop miniature engraving machine for 2D & 3D engravings, photo images and routing projects complete with easy to learn software.

Software

Graphical User Interface
The vivid interface and simple operation has been designed for any user.

Digital Photo
Engrave your photos on wood and acrylic easily. You just need a digital photo. The EDIT software accepts file formats such as: .bmp, .jpg, .png.

High Compatibility
Compatible with ArtCAM and BMP programs.

Save Money
With our software suite: EDIT and CNC, you don't need to buy other off-the-shelf software to complete your own engraving project.

Artcam Express
Upgrade to Artcam Express for a more fully featured software.

Vivid Interface

Simple Operation

Features

- Fully guarded for maximum safety.
- CNC Mini Engraver can create or import G-codes for CNC carving programs. This function allows you to use additional software programs, such as ArtCam and BMP programmes.
- Total engraving area (XYZ travel) 220mm x 160mm x 63mm.
- Maximum material thickness 60mm.
- Small lightweight desktop model with micro switch safety cover for safe operation, making it ideal for education.
- Table size 320mm x 150mm.
- Brushless 80 watt DC motor for low noise and durability with 4mm collet.
- Full-wrap dust enclosure.
- Use with hardwoods, softwoods, exotic woods and many synthetic materials such as acrylic and ABS, plastic, foam, modelling wax, styrene, epoxy board. Ideal for use with white, brown and clear acrylic to create highly detailed carvings.
- Resolution 0.05mm.
- Works with any PC computer running Windows XP or newer.
- Endless possibilities in what you can create, use images from digital photos, CAD drawings, computer generated art programs, scanned images and more.
- Includes a simple, straight-forward common platform software package.
- Supplied with two solid carbide engraving cutters.

Operation

Easy to Operate
You don't need to think how to use it. Just follow 4C (Click, Convert to G code, Command, Carve). Use the game pad to control the co-ordinates or the computer interface.

Design
This product has been designed especially for beginners with straightforward and simple operation. Fully enclosed for safety, with micro switch cut out.

Compact and Portable
You can move this compact and portable desktop machine from place to place. You can engrave wherever and whenever you like.

All in One
You can drill, rout, mill, cut, shape and carve with this machine.

Multi-function
Ideal for school teaching materials, hobbyist, DIY projects and business.

Product Ref.
CNC/MINI/1
£1499.00 + VAT

Name Plates & Store Signs

Acrylic Photo Engravings

Sign Making

Mini Engraver Cutters for CNC Mini engraving Machine STC

- Solid Carbide for long life.
- 4mm Shank.
- Cutters available to suit various materials including wood, acrylic, and ABS plastic.
- Range includes upcut spirals, end mills, ball nose and conical radius tools.

Description	Dimensions (Not to scale)	Material	Tool Preset Code	Product Ref.	List ex Vat
R0.25mm Conical Radius Two Flute Upcut Spiral	R0.25mm / 3.0mm / 15mm	Wood, Acrylic, ABS	4025C150	S66/1X4MMSTC	£24.95
R0.5mm Conical Radius Two Flute Upcut Spiral	R0.50mm / 3.7mm / 15mm	Wood, Acrylic, ABS	4050C150	S66/2X4MMSTC	£24.95
R0.25mm Ball Nose Two Flute Upcut Spiral	1.0mm / R0.25mm / 2mm	Acrylic, ABS	4025A020	S66/3X4MMSTC	£24.95
R0.5mm Ball Nose Two Flute Upcut Spiral	1.0mm / R0.50mm / 2mm	Acrylic, ABS	4050A020	S66/4X4MMSTC	£24.95
R0.5mm Half Conical Radius Single Flute Flat	R0.50mm / 3.5mm / 15mm	Wood	4050E150	S66/5X4MMSTC	£18.95
R1.5mm Half Radius Single Flute Flat	3.97mm / R0.25mm / 15mm	Wood	4150E150	S66/6X4MMSTC	£18.95
2.5mm End Mill Two Flute Upcut Spiral	2.50mm / 15mm	Wood, Acrylic, ABS	4250B120	S66/10X4MMSTC	£14.95
3.96mm End Mill Two Flute Upcut Spiral	3.96mm / 15mm	Wood, Acrylic, ABS	4400B150	S66/11X4MMSTC	£14.95

All prices exclusive of VAT.

S66/1 S66/2 S66/3 S66/4 S66/5 S66/6 S66/10 S66/11

3D Models

Wood Carving

Decoration
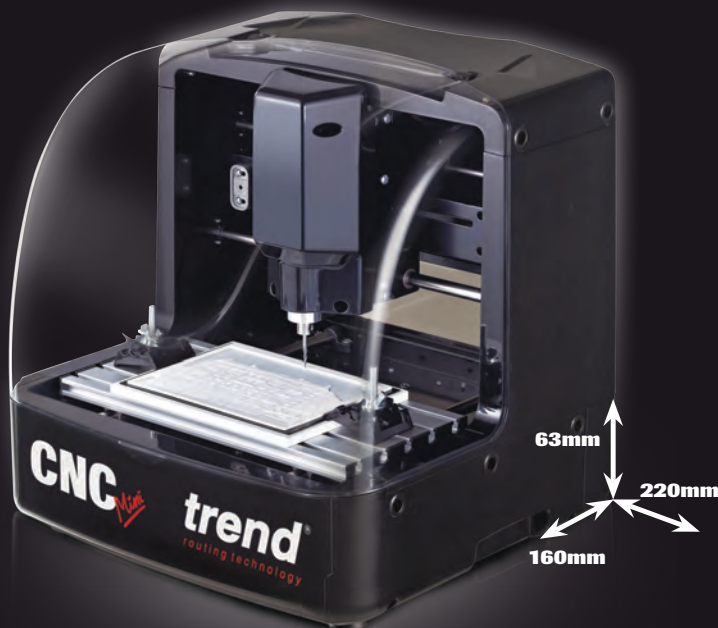
Specification:

Table size	X-axis 320mm
	Y-axis 150mm
Table load weight	max. 2kg
Max. movement	X-axis 220mm
	Y-axis 160mm
	Z-axis 63mm
Max. material thickness	60mm
Engraving speed	max. 2500mm/min
	min. 40mm/min
Resolution	0.05mm
Power supply	input 220-240v
	output DC 24v 4.5A
Spindle motor	80w DC
Power consumption	2.0A
Collet capacity	4mm
Operating noise level (standby)	39.6dB (A)
No loading operation noise	<66dB (A)
Spindle speed	0-15000 rpm
Interface	USB 2.0
Machine	depth 390mm
	width 400mm
	height 425mm
Weight	14.9kg

System requirements:
PC running Windows XP up to Windows 7

Included:

1 x USB 2.0 cable
1 x Bravo Edit software disk
1 x Workpiece clamp set (comprising 2 large & 2 small clamps)
1 x USB controller
1 x Support board
1 x Silicon mat
1 x Ball nose carving bit R0.5mm - Ref. S66/4X4MMSTC
1 x Conical radius carving bit R0.5mm - Ref. S66/2X4MMSTC
2 x Brown acrylic sheet 186 x 135 x 2mm
1 x White acrylic sheet 186 x 135 x 2mm
1 x Starting point paper
1 x Hex key 2.5mm A/F
1 x Instruction manual

WMSA
WOODWORKING MACHINERY SUPPLIERS ASSOCIATION
FULL MEMBER

Demonstrations
Contact your CNC supplier for a full demonstration.

LEAF/CNC/MINI v1.1