

Turbo Carver®

The Turbo Carver is a high speed air tool that is incredibly smooth and is as easy to use as a pencil. This amazing tool gives you the power to create beautifully detailed engravings and relief carvings in **Wood, Glass, Metals, Eggs, Antler, Gems, or practically any solid surface**. If you can trace a line using our stencil systems, training video, and the Turbo Carver handpiece, you can create beautiful engravings and carvings on your first try.

Our compact, super lightweight air tool contains an air turbine which spins at an astounding 400,000 RPM! At these speeds you literally feel no vibration or torque. This tool gives you the ability to carve extremely fine detail quickly and smoothly in practically all materials.



The principal behind the Turbo Carver is angular velocity, not torque. The advantage of high speed air tools lie in their phenomenal ability to precisely remove material without stressing you or what you are working on.

The lightweight design and small size make the Turbo Carver feel much like a pencil. Because the carver weighs only a half-ounce it is easy to use. It also features a comfortable, textured rubber grip allowing you to carve or engrave with precision for hours without fatigue.



The Turbo Carver's light weight and compact size makes it very easy to use!



The Turbo Carver system, unlike other high speed carvers, already includes an inline foot control, air filter and air gauge. Right out of the box it is ready to easily connect right up to your compressor. This great tool is light, durable, easy to use, and economically priced.

The Turbo Carver's body is made of high impact, rigid ABS plastic (Acrylonitrile Butadiene Styrene). It has excellent abrasion and moisture resistance, as well as resistance to chemicals, acids, alkalis, or water. This material is less susceptible to alkalis and oxidation that results from the inevitable presence of moisture from the air compressor. If you accidentally drop a metal hand piece, there is a good chance you will destroy the bearings or break the bur. Turbo Carver is so light, it resists breakage. Turbo Carver comes with a patented Anti- Contamination exhaust valve that keeps dust and dirt from getting into the turbine and bearings. Other high speed air tool must be oiled several times daily. The **Turbo Carver never has to be lubed or oiled**. It has sealed, high speed, micro-bearings containing a synthetic, oil-based lubricant.

A BIG advantage is the price. The Turbo Carver comes as a complete package with a hand piece, variable speed foot control, air filter, inline air pressure gauge, training video, 2 burs, a Mylar stencil, cleaning brush, and operator's manual. It comes set up and ready to be used with your own air compressor. We also offer complete "Plug-in and Carve" Turbo Carver Compressor Systems.

High Speed Carving with Our Unique Water Mist System



Since the Turbo Carver is unaffected by moisture, we are able to offer a water mist option. Carving with a rotary instrument in materials such as bone, egg, antler, glass, gemstones, shell, rock, and the like, produces dust and fumes that are not only extremely messy but also present a hazard to your health. Working with materials like these requires wearing a respirator or using a dust collector box. Dust collectors are noisy, expensive and do not eliminate fumes. To prevent breathing these harmful fumes, it is necessary to vent the exhaust outdoors. Using a dust collector also requires that you work through a glass window, making it difficult to carve fine details. We have a solution to these problems.

The mist is an atomized cloud of water, which eliminates most of the fine dust and fumes associated with carving in materials like bone, egg, glass, gemstones, eggshell, and antler. It also keeps the bur cool for longer life and prevents any kind of fracturing of the material

being carved. Creating a finer cut and strengthening porous materials is another advantage of this technology. The air mixes with the water to produce an extremely fine mist of water.

The water spray can easily be turned off if desired for applications such as wood or materials in which water may not be wanted. The air cleans out the materials as you carve or engrave to keep the area clean and easily visible for more precise carving or engraving.

The misting system starts with the foot control that operates the handpiece. At the same time it pressurizes a small storage tank that you fill with distilled water. A small amount of air that drives the handpiece is diverted to the bottom of the handle through hypodermic tubing where it is directed at the tip of the cutting bur.

At the same time the handpiece is operated, a valve opens, allowing a metered amount of water to travel to the bottom of the handle through separate hypodermic tubing. The air mixes with the water to produce an extremely fine mist of water that is aimed at the tip of the cutting bur. This is barely visible to the eye. The water flow rate is about one drop per second to effectively do its job and requires only a bath towel to absorb the moisture.



The WATER MIST SPRAY HELPS PREVENT TOXIC DUST & FUMES. Now you can have the most sophisticated carving system ever offered, and for a great price! It also eliminates the need for a dust collector. The water mist prolongs bur life, strengthens porous materials, polishes the cut, and prevents heat fracturing. You will love this mist spray.

- Helps prevent toxic dust & fumes
- Prolongs bur life
- Strengthens porous materials
- Polishes the cut
- Prevents heat fracturing.

PRICE LIST

Our "Plug-In-And-Carve" Turbo Carver Compressor Systems-

TCCS - Turbo Carver Compressor System. With this system you will be able to 'plug-in and carve.' Everything is all ready set up and connected to the compressor. \$614.98

TCWCS - Compressor System with Water Misting Turbo Carver- Our Water Spray System is excellent for help controlling dust when working in eggs, glass, bone, etc. The Misting eliminates most dust, polishes the cut, helps prevent stress fracturing. Just as with the standard Turbo Carver Compressor System you will be able to 'plug-in and carve.' Everything is all ready set up and connected to the compressor. \$714.98



Standard Turbo Carver System (TS550)	\$304.98
Water Mist Turbo Carver System (WSTS550)	\$404.98
Quiet Twin Air Compressor - Light & Powerful, Tankless, 110 Volt, ¾ HP (COMP)	\$339.98
Handpiece, Regular Turbo Carver (TC550)	\$184.98
Handpiece, Water Mist Turbo Carver (WSTC550)	\$241.98
Basic Bur Set - Totaling 15 quality burs for general carving (BurSetBasic)	\$89.98
Bur Set for Egg Carving - Totaling 21 highest quality burs working in eggs (BurSetEggs)	\$139.98
Bur Set for Glass - Totaling 19 highest quality burs working in glass (BurSetGlass)	\$109.98
Bur Set for Wood - Totaling 22 highest quality burs working in wood (BurSetWood)	\$129.98
Bur Set for Gourds - Totaling 23 highest quality burs working in gourds (BurSetGourds)	\$129.98
Bur Set for Bone - Totaling 23 highest quality burs working in Bone (BurSetBone)	\$164.98
Bur Set for Metal - Totaling 20 highest quality burs working in metal (BurSetMetal)	\$139.98
Bur Set for Stone - Totaling 20 highest quality burs working in stone (BurSetStone)	\$135.98
Pro System Eggs- Materials and tools to get started in business Egg Carving (ProSetEgg)	\$915.00
Pro System Wood- Materials and tools to get started in business Wood Carving (ProSetWood)	\$874.00
Pro System Glass- Materials and tools to get started in business Glass Carving (ProSetGlass)	\$904.00
Pro System Metal- Materials and tools to get started in business Metal Etching (ProSetMetal)	\$884.00
Pro System Stone- Materials and tools to get started in business Stone Carving (ProSetStone)	\$901.00
Pro System Bone- Materials and tools to get started in business Bone Carving (ProSetBone)	\$949.00
Pro System Gourds- tools to get started in business Gourd Carving (ProSetGourd)	\$875.00
Air Regulator Valve (ARV)	\$39.98
In-Line Air Filter (fits between foot control & handpiece) (AF400)	\$9.50
Air pressure gauge, 0-60 PS (AG400)	\$25.98
Mag Eyes – Magnification Glasses With 5 Power Loop (MagEyes)	\$40.98
Waterproof Mylar Stencil Material / per sheet	\$1.70
White stencil Material / per sheet (WTP400)	\$.99
Bur Cassette (holds 25 burs) (BC400)	\$10.98
Bur cleaning stick- To quickly clean your burs of residue (CLEANBUR)	\$7.50
Turbo Carver Art Patterns – book 1 & 2...And Corner Patterns - price per book	\$10.50
Turbo Carver Egg Art – book 1 & 2...And Grape Motif Patterns - price per book	\$10.50
Turbo Carver Instruction and Training DVD	\$5.00

Shipping & handling - through UPS

See other accessories and information on our Web page. Note: Prices may vary, Visit our Web site at www.turbocarver.com for current prices or to order on-line with our SECURE server-shopping cart.

BURS

Burs are an important part of The Turbo Carver. Depending on the type of bur and the application, they can make your job much easier and more productive. The burs used in our Turbo Carver® are the 1/16 size commonly used by dentists and of the highest quality. At over 6,000 revolutions per second, you do not want any deviation or wobble with inexpensive burs. See our Web site for prices, pictures, and information regarding ordering burs. See our Web site for current prices.



CARBIDE - Fissure, Small- Great for outlining relief carvings. 4.2 mm head length.

CARBIDE - Fissure, Small Coarse- Great for outlining relief carvings. 4.2 mm head length.

CARBIDE - Fissure, Large- For doing inlay and bulk reduction work. 4.4 mm head length.

CARBIDE - Fissure, Cross Cut Tapered Best all-around bur for outlining relief carvings in wood. Also good bur for metal engraving. 4.2 mm & 5.2 head lengths.

CARBIDE - Round Small, Medium, Long, Large - For shaping and texturing in wood, and engraving metal. Also good for bulk reduction in most materials.

CARBIDE - Inverted Cone, small, medium, & large. Many uses in all materials.



CARBIDE - Super Sharp Best bur for cutting out sections of Ostrich and Emu eggs.

CARBIDE - Needle Point- For ultra-fine detailing and scrimshaw work.

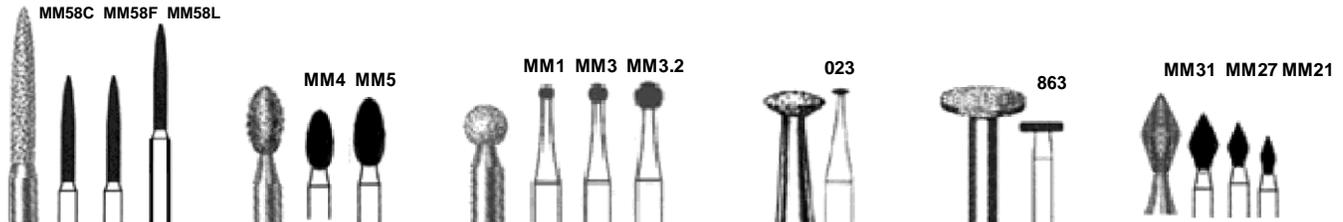
CARBIDE - Sharp Taper- For fine detailing in softer materials or outlining a delicate relief carving.

CARBIDE - Long Dome Pear- Good for cutting eggs and general contouring and carving. 4.2 mm head length.

CARBIDE - Fissure, Tapered - Long- Used for high definition engraving in metal, and for outlining relief and inlays.

CARBIDE - Football For Trimming & Finishing Bur - Great for texturing, contouring, and shaping.

CARBIDE - Fissure, Large- For inlay and bulk reduction work. 4.4 mm head length.



MM58 - Diamond Flame Point, Coarse, Fine, & Long Used for contouring and fine shaping in hard or soft materials.

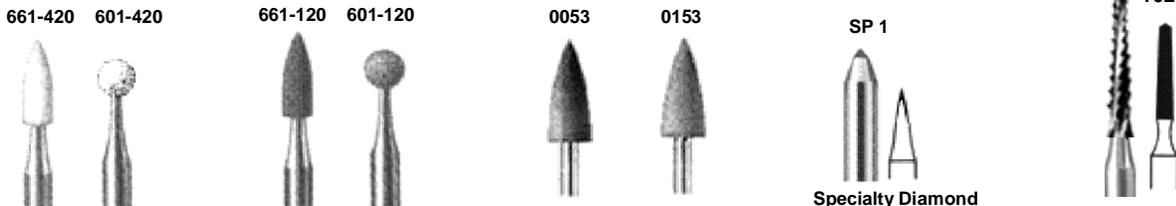
Diamond Football Both come in fine & coarse. Used for con- touring and fine shaping in hard or soft materials.

Round Diamond Small, Medium, & Large, Best bur for engraving and stippling in glass. Also used to shape and contour softer materials.

Diamond Knife Edge Used to carve straight grooved channels

Diamond Wheel Used to carve straight, flat bottom grooves and for sectioning.

Sharp Edge Diamond Football - Small, Med, & Large. For contouring & fine shaping in wood or egg shell. Also to carve hard materials like glass and stone and for producing sandblasting and other effects.



White Arkansas Stone-Round & Flame Point Provides a fine polish in glass, ceramics and hard metals.

Green Stone-Round & Flame Point Used as a pre-polish for glass and ceramics. Can be used in place of diamonds for engraving and bulk reduction. Also good for grinding metals

RUBBER POLISHING Brown & Green Burs have a grit impregnated into a rubber base. They produce a fine finish in metals, & eggs.

Specialty Diamond Ultra Fine- Hair Line For a hair line engraving & etching.

Lindemann Stainless Steel - Bone Cutter, Cross Cut Tapered Extra Long, sharp, aggressive bur-Good bur for bulk reduction in soft material. Great bur for cutting out sections of Ostrich and Emu eggs.

TURBO CARVING ACCESSORIES

Attachments, Tools, and Parts to make your carving more fun and effective.

*See more at our website- www.turbocarver.com.

Twin Air Compressor



The Quiet Twin Air Compressor is quiet & powerful. This system comes all set up with a foot control, tubing lines, and air gauge ready to plug in and use with your Turbo Carver. Weighing only 24 pounds, it is portable, easy to use and requires no oiling. **Very Quiet (59 decibels)** and great looking, this compressor is rated at, 2.0 CFM, 120 volts, 6 amps, 60 Hz. - Overall dimensions:14" L x 10" W x 8" H. Requires no draining or oiling as tank type compressors.

Excellent air compressor to power high speed handpieces and comes with all Turbo Carver Compressor Systems.

Bur Sets



Get the burs you need for your specialty. Each bur gives a vastly different effect and quality to your work. Add options to your carving, engraving, or etching ability with a complete set to match your style and needs. We have separate sets for wood, egg shell, glass, stone, and metal and each set contains a free bur cassette to conveniently keep your burs organized and ready to use.

MagEyes



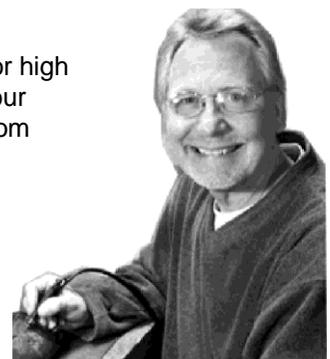
MagEyes is a state-of-the-art "open design" with light weight, head mounted magnifier. It is used by professionals, crafters, and hobbyists requiring vision enhancement for precision results. These are great! MagEyes may be worn with or without contacts or prescription glasses for dramatic vision clarity on any fine detail work or hobby. They come with lenses of two strengths. **Now** with a fold up or down, super close up, 5x loop lens. Part# ME

Turbo Carver Pattern Books



Great transfer patterns to help you with designs and pictures for your projects. Egg Patterns 1, Egg Patterns 2, Corner Patterns, Art Patterns 1, Art Patterns 2, Grape Motif Patterns, Celtic Designs, and Walking Stick Patterns... See more on our website.

We carry other accessories for high speed carving. See more on our website. www.turbocarver.com



With Turbo Carver the Possibilities are Endless!



Metal Etching



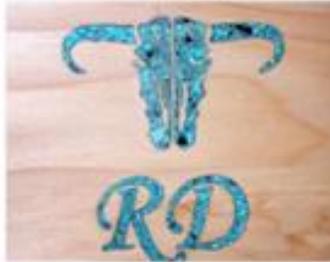
Wood Carving



Stone & Gem Carving



Egg Carving



Inlays



Glass Carving & Etching



Gunstock Carving



Bone & Scrimshaw



Gourd Carving



Carved Egg



Fun Projects



Metal & Knife Engraving

- Carve materials from eggshell to metal or almost anything with precision & accuracy
- Make exquisite inlay, which can be filled with casting resin or our alloys
- Filigree by using Turbo Carver like a knife to cut out intricate patterns

The Turbo Carver is:

- Totally lube-free... Eliminating the need for oiling
- Available with our unique water mist system to help prevent toxic dust & fumes
- Easy to use small size, ultra light weight, and no torque or vibration
- Comes with a soft ergonomic, comfortable handle
- Available at a great price

For free pattern downloads and more information & ideas- VISIT our Website.

TURBO CARVER

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