The TORMEK way is a dramatic improvement in edge tool sharpening. Anybody can now sharpen and hone an edge with an accuracy previously not possible – much more easily and faster. You can shape the tool exactly to your needs. Even such complicated shapes as fingernail turning gouges, spoon carving gouges and oval skew chisels with a radiused edge are easily sharpened. And you can exactly replicate a previous sharpening in less than a minute.

The water cooled slow turning grindstone is in perfect harmony with the physical laws governing the steel tool ensuring that the edge does not overheat and lose its hardness.

You finish the sharpening process on the leather honing wheel, which lets you polish the edge to a razor sharpness with no need for bench stones.

The TORMEK method is safe. At the low speed you can fully control the grinding operation. Since no sparks are produced, there is no risk to your eyes and you can safely use the machine in areas of high fire risk.
Unique jigs create and replicate the ideal shape and edge angle

Woodturning

- Fingernail bowl gouges
- Turning cutters
- Turning skew chisels
- Roughing gouges
- Scrapers

Woodcarving

- Bent gouges
- Bent V tools
- Straight shank tools
- Power carver tools
- Carvers draw knives

Cabinet making

- Plane irons
- Wood chisels
- Electric planer/jointer blades
- Moulding knives

Other applications

- Axes and hatchets
- Most knives
- Long and thin knives
- Scissors and shears
- Mitre guillotine blades

These accessories complete the system

Diamond Truing Tool
With this Truing Tool, you can easily maintain the stone exactly round and flat. It also ensures that the grinding surface is always parallel to the Universal Support.

Stone Grader
The grindstone has a 220 grit. It can be adjusted with the Stone Grader to give a finer finish corresponding to 1000 grit. Using the coarse side, the stone is reversed to normal fast grinding and also renews a glazed stone.

Profiled Leather Honing Wheel
With exchangeable leather discs. For the inside honing and polishing of turning gouges, carving gouges and V tools. Mounts outside the standard leather honing wheel.

AngleMaster
Sets any edge angle from 10° to 75° with an accuracy of 1°. You can also measure an existing edge angle in the grooves. Works with any stone diameter from ∅ 10" down to ∅ 6".

Honing Compound
For application on the leather honing wheels. Polishes the edge to a mirror finish. Impregnate the leather with light machine oil before the first use.

Handbook

Instruction video
Makes the instructions of the handbook come alive. The symbols of the sections are continuously shown in the picture for your guidance and fast rewinding. 23 minutes.

You can download the entire handbook from our website www.tormek.us
The book shows you in detail how to work with your TORMEK system. It also explains the basics of edge tool sharpening. These are the subjects covered. Grinding and sharpening, Edge angle and bevel angle, Dry grinding and wet grinding, Vertical and horizontal grinders, Hollow bevel, Grinding direction, Grinding pressure, Tool rests and grinding jigs, Honing and grinding technique for carving gouges and V tools.
Options when selecting your TORMEK system

Supplied with the machine

- SVH-60: Straight Edge Jig
- WM-200: AngleMaster
- PA-70: Honing Compound
- HB-10: Handbook
- VID-4: Instruction Video

Accessories

You can choose your TORMEK system to suit your needs. Select one of the extra value customised kits or buy each accessory separately to build your own system step by step.

- **Magnum Accessory Kit, CAK-115**
  - SVM-45: Knife Jig
  - SVM-100: Long knife Jig
  - SVMX-150: Scissors Jig
  - ADV-500: Diamond Truing Tool
  - SP-650: Stone Grader
  - LA-120: Profiled Leather Honing Wheel
  - MH-380: Machine Cover

- **Woodturner’s Accessory Kit** WTK-109
- **Woodcarver’s Accessory Kit** WCK-106
- **Cabinet Maker’s Accessory Kit** CMK-104
- **Home Craftsman’s Accessory Kit** HCK-101

Technical data

- Grindstone of aluminum oxide, Ø 10" x 2" (250 x 50 mm).
- Honing wheel of genuine leather, Ø 8 ¼" x 1 ½" (220 x 31 mm).
- Motor for 115 V 1-60 Hz. Rated for continuous operation.
- Power (input) 200 W.
- Running speed 90 rpm.
- Torque on stone 14.7 Nm.
- Width 10 ⅞” (270 mm), depth 10” (250 mm), height 12 ¾” (325 mm).
- Weight excl. packaging 32 lbs.

Some expert assessments

**Woodturning, UK:**

“The wet-grinding method leaves a polished, burr free edge without any overheating of the tool. This polished surface creates less friction in use, thus aiding the durability of the cutting edge.

Due to less frequent sharpening with wet grinding, the tool life is significantly prolonged, since less material is removed. ...

The evidence suggests that using a wet-grinding method gives a sharper edge and cleaner cuts with more than double the effective turning time between sharpening. From the graphic data, it can be seen that, even after 18 minutes of continuous turning in softwood, the wet-ground tool was still cutting more efficiently than the dry-ground tool.

Robbie Farrance.

**Wood Magazine wet grinder test:**

“We chose the TORMEK as the sharpening machine we'd most like to see in our shop. It provides superior results faster and easier than any other machine in the test. And the leather stropping wheel put such a fine edge on our tools that they needed no further honing on bench stones.”

Tom Jackson.

**Traditional Woodworking, UK:**

“Anyone who has ground a tool by holding it in the hand on a tool rest must admit that when it comes to accuracy, this is a bit of a hit and miss method. How convenient it is, then, to know that the tool held in a jig will be ground exactly to the required angle, and that a previously ground angle can be repeated spot-on.

Fellow craftsmen have suggested that having to hold the tool in a jig shows a lack of skill, and that the time taken to put the tool in a jig and set up the machine is wasted time.

My reply to these criticisms is that the proof of the pudding is in the eating. While there may be less skill involved using a jig, I counter these claims by stating that I can grind and sharpen quicker and more accurately using the Tormek, which means I produce more work in a given time – and thus earn more money!”

Jim Kingshott.

**Wood Carving Illustrated:**

“As a woodworker and woodcarver for 20 years, I’ve been plagued by multiple bevelling tools, bending ways in which were too short or too long, and blued edges. After dispensing with silicon carbide wheels, I mounted aluminium oxide wheels on my grinder – white, blue, and pink in color. Eventually I abandoned them for a horizontal grinding wheel. It seems I was always searching for the perfect grinding system to put an edge on my tools as quickly as possible. I purchased as many holding fixtures, but I still felt that I was the victim of guesswork. Recently, however, I discovered Tormek®, and it’s a dream come true – a machine that sharpens and hones with the precision of a surgical team.”

Roger Schroeder.
## Order planner

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### Accessory Kits

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### Accessories (individual)

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### Replacement parts

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We reserve the right to make technical modifications without prior notice.