

Darex V-391

**Basic precision drill sharpening—
at a price you can't resist!**

Even very small shops can now sharpen their own tools and keep on working. For the cost of less than 100 drills, you can accurately sharpen your most common drills in under a minute.

The Darex V-391 incorporates much of the same technology as our more advanced machines and is the perfect choice for shops that need a sharpener for intermittent use. Its simple, intuitive design gives everyone access to sharp drills when they need them.



V-391 Specifications:

- Drill Capacity: 1/8" -3/4" (3-19mm)
- Point Angle: 118°-140°
- Point Style: Conic and standard split point
- Power Required: 230V, 3.0 amp, 2850 rpm
- Size/Weight: 12" x11" x9" (30x28x23cm), 25lbs (11kg)
- Borazon (CBN) wheel for HSS & Cobalt (Diamond wheels for Carbide are also available)
- 1/8" -3/4" Morse-Taper chuck also available

Darex E-90I

**Difficult endmill sharpening
made simple...**

The E-90I Precision Endmill Sharpener proves that you can sharpen end mills easily and affordably in-house. The end mill is a complicated cutting tool. Both the spiraled flutes and the ends require at least two separate grinds. The E-90I makes the difficult, simple. Sharpen the primary and clearance (relief) grinds on the flutes and ends in one easy set-up. The entire process takes about 5 minutes.



E-90I Specifications:

- Sharpenable: 2,3,4 and 6 flute HSS, Cobalt, and Carbide end mills. (Optional 5 flute collar available)
- Grinding Capacity: 1/16" -2" (1.5mm-52mm)
- 3/16" -1" shank dia. capacity (1.5mm-26mm)
- Maximum flute length: 6" (156mm)
- Motor: 230V, 1.6 amp, 50hz, 2850 rpm
- Size/Weight: 17.5" x17" x10.75", 72lbs (33kg)
- Resin bonded CBN wheel included, Diamond wheel for Carbide optional

DAREX

WORLD'S BEST SELLING INDUSTRIAL DRILL SHARPENERS

www.darex.com



XPS-16

The CNC XPS-16 is an extremely accurate workhorse for high tech applications



XT-3000

The XT-3000 creates a wide variety of point styles with fool-proof precision

Whether your shop does high-tech mass production, or creative custom fabrication, there's a Darex tool sharpener to help you lower tool costs and make those tough jobs run smoothly. In fact, a Darex can pay for itself faster than anything else you can buy for your shop.



V-391

The V-391 sharpens common point styles with ease priced right for any small shop



E-90I

The E-90I endmill sharpener easily sharpens complex cutters

Darex
www.darex.com

Voice: 800-547-0222 / 541-488-2224
Fax: 541-488-2229

Call 800-547-0222 for free CD (playable on most computer CD players) and see how Darex can help you today.

For a FREE virtual demonstration, visit us at www.darex.com

Darex XPS-16

A fully automatic 4 axis CNC sharpener, with one-touch simplicity

The XPS-16 is for shops that demand the ultimate in precision, simplicity and productivity. Only CNC can reproduce the complex, high-tech points found on today's premium HSS and Carbide drills, and the XPS-16 can do it all with the touch of a button. Imagine, for the price of a couple hundred premium carbide drills, you can sharpen in-house, for only pennies a drill. This high capacity machine can sharpen thousands of drills per week.

With a user interface as easy to learn and use as your cell phone, everyone in your shop can be using the XPS-16 in just a few minutes. Sharpen pre-programmed points, or program your own custom points. The XPS-16 is the only machine in the world that, with the touch of a button, can automatically detect the drill's length, diameter, and web thickness – then sharpen the drill – all in one continuous process without operator involvement. For carbide, there's even an automatic cycle to hone the cutting edge, an important step to achieve the long drill life you expect.



XPS-16 Specifications:

- 2 Flute Drills: 1/8" - 5/8" (3-16mm)
- Point Angle: 118°-150° (90° option available)
- Point Style: Standard Conic, 4 Facet, Standard and Radius Split Point
- Power: 8 amps @ 115V – 4 amps @ 230V
- Size/Weight: 26" x22" x12" (66x56x30.5mm), 115lbs (52kg)
- Vacuum grit removal system included
- Borazon (CBN) wheel for HSS & Cobalt, Diamond wheels for Carbide included

Darex XT-3000

Expandable tool sharpener, that grows with your needs



If you want the right point for the job sharpened quickly and simply the Darex XT-3000 is for you. It sharpens a wide variety of sizes and styles of drills and other tools with ease and accuracy. Imagine, for the price of a couple hundred drills, you can sharpen in-house for only pennies a drill. Using our patented chuck/cam design allows everyone to be a sharpening expert with a few minutes of instruction. A rock solid, heavy duty machine capable of sharpening all day, every day.

Attachments can be interchanged in seconds and all adjustments can be made without tools.

Incorporating 30 years of sharpening experience, the NEW Darex XT-3000 is the finest, most technologically advanced manual drill/tool sharpener ever produced.

Options/Attachments

	Pt.#200	Brad Point Attachment
	Pt.#250	Step Drill Attachment
	Pt.#150INTL	Countersink Sharpening Attachment
	Pt.#100	Attachment Adapter (needed for any of the above attachments)
	Pt.#300	90° Point Attachment
	Pt.#050	13/16" – 1-3/16" (21-30mm) Large Drill Attachment (does not split point)
	Pt.#12072	Quiet, Continuous Duty, Vacuum/Filter System, Voltage 230V
	Pt.#16484TA	3-12mm Left hand chuck
	Pt.#16488TA	12-21mm Left hand chuck

XT-3000 Specifications:

- Standard Drill Capacity: 1/8" - 13/16" (3-21mm)
- Standard Point Angle: 118°-150°
- Standard Point Styles: Standard Conic and Split Point
- Power Required: 230V, 1.6amp, 1/4hp
- Size/Weight: 20" x20" x16" (51x51x41mm), 78lbs (35kg)
- Borazon (CBN) wheel for HSS & Cobalt, Diamond wheels for Carbide are also available