

SHARPEN YOUR DRILLS AND GET BACK TO WORK

The Drill Doctor XP is perfect for the serious DIY'er and trade professional user who needs to sharpen bits frequently.

The XP is a must have for your workshop or tool kit, allowing you to save time and money.

- Sharpens 2.5 to 13mm (3/32" to 1/2") drill bits
- Sharpens and creates split point bits
- Diamond sharpening wheel
- Powerful 240V motor
- 118° Point angle
- Adjustable relief angle



VIEW THE DEMO AT
www.drilldoctor.com.au



 **Drill Doctor**
The Drill Bit Sharpener

THE WORLDS #1 SELLING
DRILL BIT SHARPENER,
OVER 3 MILLION SOLD!

DRILL BIT SHARPENER

COMPARISON CHART



	Drill Doctor XP	Drill Doctor 500X	Drill Doctor 750X
Adjustable Chisel And Relief Angle	Yes	Yes	Yes
Drill Bit Types	Carbide, Cobalt, High-Speed Steel, Black Oxide, TiN-Coated, and Masonry	Carbide, Cobalt, High-Speed Steel, Black Oxide, TiN-Coated, and Masonry	Carbide, Cobalt, High-Speed Steel, Black Oxide, TiN-Coated, and Masonry
Twist Bit Point Angles	118°	118° or 135°	115° to 140°
Drill Bit Sizes	2.5mm to 13mm (3/32" to 1/2") Twist & Masonry Bits (Optional 3/4" Chuck)	2.5mm to 13mm 3/32" to 1/2" Twist & Masonry Bits (Optional 3/4" Chuck)	2.5mm to 19mm 3/32" to 3/4" Twist & Masonry Bits
Creates and Restores Split Points	Yes	Yes	Yes
Adjustable Material Take-Off	No	No	Yes
Accessories Available			
Left Hand Chuck	Optional	Optional	Optional
Carrying Case	Optional	Optional	Included
Large Chuck 1/2" - 3/4" Drill Bits	Optional	Optional	Included*

*The 750X uses a single chuck for bits from 3/32" to 3/4".

The Drill Doctor 500X model is designed for the tradesman requiring a versatile sharpener for every day use. The 500X has the durability and the flexibility required to sharpen the largest range and most popular sizes of dull or broken bits, including split points and masonry bits.

- Sharpens standard twist and masonry bits from 2.5mm to 13mm (3/32" to 1/2") (optional 3/4" chuck available)
- Sharpens 118° and 135° point angles
- Cast aluminum point angle shuttle for added durability
- Longer chuck jaws hold bits more precisely, and jaw guides eliminate jaw twisting on small bits
- Able to create and sharpen split point bits.
- "Push to Stop" drill point splitting port: prevents over-splitting the bit point
- Easy to replace diamond sharpening wheel



The top of the line 750X sharpens drill bits from 2.5mm to 19mm (3/32" to 3/4".) Point angles can be set anywhere from 115° to 140°. Adjustable material take-off allows you to adjust the amount of material removed during sharpening - extending the life of your bits.

- Sharpens standard twist and masonry bits from 2.5mm to 19mm (3/32" to 3/4")
- Custom point angle sharpening: set any angle from 115° to 140°
- Adjustable material take-off: allows user to change the amount of material removed during sharpening to further extend the life of their bits
- Cast aluminum point angle shuttle for added durability
- Longer chuck jaws hold bits more precisely, and jaw guides eliminate jaw twisting on small bits
- Able to create and sharpen split point bits.
- "Push to Stop" drill point splitting port: Will not allow you to over split the bit point
- Easy to replace diamond sharpening wheel



SHARPEN LARGE VOLUMES OF DRILL BITS, EVERY DAY

The Darex machines are designed for the production facility who need to sharpen large volumes of drills, every day. The simple & intuitive design gives everyone access to sharp drills when they need them. The Darex V391 incorporates some of the same technology used in the more advanced machines and is the perfect choice for workshops that need a precision quality sharpener.

Wheel care: Does not require coolants. Wheels are super-abrasive and electroplated and do not require truing or dressing.

Adjustable split point depth and split point angle

Material removal knob

Solid steel chuck

Cast steel construction

75mm Diameter sharpening wheel, designed to sharpen up to 2000 bits. Borazon (CBN) grinding wheel for HSS & Cobalt drills

Custom point angles 118° - 140°

Drill capacity : 3mm - 19mm

Brass alignment port

Brass and ball bearing roller guides

Quick step instruction guide

Features

- Solid steel construction and chuck
- Brass and ball bearing roller guides
- Adjustable split point depth and split point angle
- Adjustable point angles
- Adjustable point relief
- Vacuum port and grit tray
- 75mm Diameter sharpening wheel, designed to sharpen up to 2000 bits
- Supplied with Borazon (CBN) grinding wheel for HSS & Cobalt drills
- Optional diamond wheel available for sharpening carbide drills

Specifications

- Drill capacity : 3mm - 19mm
- Custom point angles 118° - 140°
- Standard and split point styles
- 240v 1/4hp motor
- Size : 300 x 280 x 230mm
- Weight : 11kg

 VIEW THE DEMO AT www.darex.com.au



SHARPENS A WIDE VARIETY OF POINT STYLES WITH PRECISION

The Darex XT3000i is an expandable tool sharpener, capable of sharpening a wide variety of sizes and styles of drills with ease and accuracy. This heavy duty machine has the capacity to sharpen all day, everyday. Attachments can be interchanged in seconds and all adjustments can be made quickly without tools.

Features

- Sharpens standard, and split point HSS & Cobalt drills
- Large range of attachments available to sharpen a range of cutting tools
- Solid steel construction & chucks
- Brass and ball bearing roller guides
- Adjustable split point depth and split point angle
- Adjustable point relief
- Vacuum port and grit tray
- 2x wheels in machine: 1x sharpening wheel & 1x point split wheel (supplied with CBN for high speed steel)
- Optional diamond sharpening wheel available for carbide drills



Specifications

- Sharpens 118°-150° point angles
- Sharpens drill sizes 3 - 21mm (1/8" - 13/16") diameter
- Emerson 1/4 hp motor - 3450 rpm
- Weight : 27kg

 [VIEW THE DEMO AT www.darex.com.au](http://www.darex.com.au)

Accessories



LEX050
Large Drill Bit Attachment
21mm - 30mm

LEX100
Positioning Attachment

LEX150
Countersink Attachment
6 & 8mm collets

LEX200
Brad Point Drill Attachment
3mm - 12mm
*Optional 12 - 21mm

LEX250
Step Drill Attachment
3mm - 12mm
*Optional 12 - 21mm

LEX300
90° Point Angle Attachment
3mm - 12mm
*Optional 12 - 21mm

LEX350
Miniature Drills Attachment
1.27mm - 7mm

LEX500i
Automatic Attachment
3mm - 21mm

AUTOMATIC 4-AXIS CNC DRILL SHARPENER

The XPS16 Automatic 4-axis CNC Drill is an extremely accurate work horse for high tech applications. The XPS16 is designed for high production workplaces that demand the ultimate in precision, simplicity and productivity. The XPS-16 can do it all - with the touch of a button. This high capacity machine can sharpen thousands of drills a week. With a touch screen user interface that is simple and easy to learn, everyone in your shop can be using the XPS16 in just a few minutes. Sharpen pre-programmed points, or program your own custom points to suit the drill and specific job requirements. The XPS-16 is the only machine in the world that, with the touch of button, can automatically detect the drill's length and diameter, 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.



Features

- Point styles sharpened: Standard conic, 4-facet, standard split point and radius split point
- Operation mode: Automatic
- Hones carbide drill cutting edges
- Lifetime lubrication seals
- Durable fibre optic sensors measure and size drills
- LCD display panel for one-touch programming
- Long-lasting super-abrasive plated grinding wheels
- Grind motion control monitors load on grinding wheel, adjusts feed and speeds keeping drills cool
- Diagnostic software alerts operators of potential problems
- Vacuum grit removal system which eliminates airborne contaminants

Specifications

- Capacity: 3 to 16 mm (1/8" to 5/8")
- Point angles sharpened: 90° to 150°
- Heavy duty, high capacity
- Machine size: 66 x 56 x 30.5 cm
- Machine weight: 52 kg / vacuum 13 kg
- Sharpening Wheels included: CBN for HSS & cobalt, & diamond for carbide



 [VIEW THE DEMO AT www.darex.com.au](http://www.darex.com.au)