

# AUTOMATED TOOL SHARPENING FROM THE PROVIDER YOU TRUST

Sharpening your punch press tooling is simpler and faster with the innovative XSharp™ grinder from Wilson Tool International.

**The benefits of accurate regrinding include:**

- Burr-free, quality parts straight off the punch press
- Longer tool life for reduced tooling costs
- No scrapped or wasted sheets due to tooling malfunction
- Reduced wear on your punch press

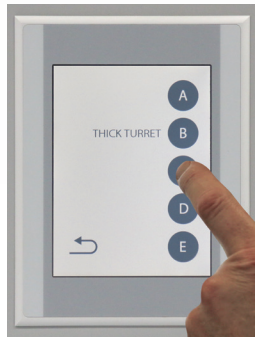
## 5 EASY STEPS TO A SHARPER EDGE



**Step 1.**  
Load tool into chuck



**Step 2.**  
Set tool style



**Step 3.**  
Set tool size



**Step 4.**  
Set grind amount  
(in increments of  
0.001" or 0.01mm)



**Step 5.**  
Touch start button  
to sharpen the tool



# XSHARP™ GRINDER

## Fully Automated Grinding Process

- Simple to operate and requires no previous grinding experience.
- Touchscreen controller has user-friendly multi-language interface for easy operation. Interface language can be selected during machine setup.
- The automated height detection feature automatically locates the top of any tool mounted in the chuck before the grinding cycle begins.
- Automatic grinding wheel wear compensation makes up for any grinding wheel wear.

**Suitable for Most Tooling Styles:** With a flexible range of chucks and adapters, the XSharp can be used to sharpen most punch press tooling styles.

**Precision:** The XSharp uses an AC-servo motor driving a precision gear and ball screw with dual linear guides and four carriers to provide highly stable bearing properties.

**Shear Grinding:** Punches with shears can be sharpened using the included XSharp shear grinding chuck.

**Coolant:** Equipped with a powerful closed coolant system, XSharp ensures the tool is constantly flooded with coolant during the grinding process.

**Interlocking Safety Guard:** The XSharp is equipped with a safety guard that opens and closes automatically.

**Frame:** The machine has a heavy-duty cast-iron frame for durability, stability and long life.

**Small Footprint:** The small footprint of the XSharp means the machine can easily be placed next to the punch press.

Learn more about the XSharp grinder online at [wilsontool.com/xsharp](http://wilsontool.com/xsharp).

DESCRIPTION	CAT. NO.
XSHARP ACCESSORIES	
Grinding Wheel	55109
Coolant	55367
Dressing Stone	55117

TECHNICAL SPECIFICATIONS*	
MACHINE HEIGHT	77.2" (1962mm)
MACHINE WIDTH	31.5" (800mm)
MACHINE DEPTH	30.7" (779mm)
MACHINE WEIGHT	992 lbs./450kg
MAXIMUM TOOL DIAMETER	6.3" (160mm)
MAXIMUM TOOL HEIGHT	9" (230mm)
POWER SUPPLY	230/460V, 60Hz
AIR PRESSURE SUPPLY	6 bar
GRINDING MOTOR POWER	3HP/2.2 kW
WHEEL ROTATION SPEED	2800 rpm
TABLE MOTOR POWER	.24HP/.18 kW
TABLE ROTATION SPEED	40 RPM
COOLANT PUMP POWER	.21HP/0.16 kW
COOLANT PUMP WATER FLOW	Max. 11.5GPM/40 l/min

Note: Adapters may be required for some ranges of Trumpf style tooling. Contact sales desk for further information.

\*Wilson Tool International reserves the right to change machine specifications without prior notice.

For more information, visit [wilsontool.com](http://wilsontool.com), call our tooling technicians at 800-328-9646 or contact your sales engineer.

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