



CNC Fabricating Equipment

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Hunton Vertical Grinder

BG790S



Hunton Vertical Grinders have been available for fifteen years. Hunton precision vertical grinders are ideal for sharpening all popular CNC tooling, including Amada, Behrens, Finn Power, Murata-Wiedemann, Raskin, Rhodes, Strippit and Trumpf. Hunton Grinders are an excellent way to keep your turret punch tooling sharp while reducing cost and inventory.

The grinder is designed to allow you to sharpen your punches and dies right at the workplace quickly and easily. Regular sharpening of your tools will extend the life of your punch and die. Regular sharpening will also improve the quality of your work piece. The grinder has a convenient hand wheel that is graduated in .001" increments provides fine feed for an excellent finish.

The BG790S comes standard in a coolant tank; this allows you to sharpen your tooling and help to keep you from damaging your tooling due to excessive heat build-up during the grinding process. There is an adjustable nozzle for coolant flow and location.

The BG790S comes with two chucks that are side by side on the base of the machine. On the right hand side is a 6-3/4" magnetic chuck for grinding your dies. On the left hand side is the shear grind / quick change chuck. This chuck gives you the versatility to do flat top grinding or to put up to a ten degree rooftop shear on your punches. There two "zero angle" pins to do the flat top grinding. These pins can be removed to allow the rooftop shearing. There is a scale on the front of the chuck that tells you what degree of a pitch you are putting onto your punch. This chuck can also be used with our shear jig adaptor kits. The adaptor kit allows you to use the quick change feature of the chuck. To use this feature simply remove the vee block from the top of the shear grind chuck. You don't have to disassemble the punches, simply put the spring pack and punch into the adaptor ring, tighten a set screw and put the ring in the shear grind chuck and grind. Kits are available for certain types of tooling and are strictly optional.

Standard Equipment for the BG790S:

Shear Grind Chuck, 6-3/4" Magnetic Chuck, 6.3" diameter ceramic cup grinding wheel, Diamond Tipped Dressing Stick, Dressing Stone and coolant tank.

| BG790S Specifications | |
|------------------------|---------------------------------|
| Motor | 1.2 HP, 3400 RPM |
| Electric Supply | 220/440 Volt, 3 Phase, 60 Cycle |
| Maximum Clearance | |
| over magnetic chuck | 4-1/4" |
| over shear grind chuck | 4-1/4" |
| Coolant Tank | |
| Tank Capacity | 5 gallons |
| Bench Space | 29" x 22" |
| Shipping Weight | 300 lbs. |
| Shipping Dimensions | 27" x 39" x 36" |

| | |
|------------------------------|-----------------|
| Chucks | |
| Shear Grind Chuck | |
| Vee block capacity | 2" |
| rooftop shear degree | 0 to 10 degrees |
| Magnetic Chuck | |
| diameter | 6-3/4" |
| Grinding Wheel | |
| Standard Wheel | |
| BG-736/46C | |
| Diameter | 6.3" |
| Material | Ceramic |
| Grit | 46 |
| Optional Replacements | |
| BG-736/80C | |
| Diameter | 6.3" |
| Material | Ceramic |
| Grit | 80 |
| BG-736/120C | |
| Diameter | 6.3" |
| Material | Ceramic |
| Grit | 120 |

Sincerely,

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