

WF Series:

- ❖ The WF Series saws are Double Column machines that have a 9.2-degree positive blade angle. Using wheels of two different dimensions creates the angle. While cutting material with wide cross sections, putting the blade at an angle allows you to get the optimum number of teeth in the cut needed for efficient cutting. This provides considerably faster cutting times as well as reducing blade pinching.
- ❖ The material is easily handled with the use of HE&M Saw's bi-directional vises. The datum line vise move away from the material approximately $\frac{3}{4}$ of an inch. This allows you to cut banded material without any binding during material indexing times.
- ❖ The standard powered guide arm is easily adjusted by the turn of a switch.
- ❖ HE&M Saw design incorporates large band wheels and the longest twist per inch in the industry. This provides for greater blade life and far less band saw blade fatigue than our competition.
- ❖ All saw function switches are mounted on a swing-away control panel that allows the operator to quickly and safely perform all saw operations from a single location. A freestanding control console is also available.
- ❖ Full stroking vises operate at the turn of a switch so the operator never has to touch the vise. Clamping pressure is easily adjusted for thin wall or shaped material.
- ❖ Long Bar Feeds: Nothing moves material faster and more accurately than the HE&M Saw 72" and 144" bar feed system. Hydraulically powered, this system moves material into the cutting zone, reducing indexing time, and speeding the cutting process.
- ❖ Roller Base: This is designed to minimize material handling with the introduction of rollers in the base of the machine for stock movement. This prevents material from being dragged across the normal vise way assembly.
- ❖ Coolant System: The WF machines are equipped with a totally built-in coolant system with a high-pressure coolant pump. The machine has a standard wash down hose for easy cleaning.
- ❖ Discharge Table: For easy material handling after the cut. The table is 24" in length and standard with rollers. The table is welded on the machine base and is fully coolant panned to return the coolant to the machine.
- ❖ 3rd Holding Vise: Works in conjunction with the main holding vise to assist in holding the material while it is being cut and also aids in aligning the material before it goes into the shuttle vise area.
- ❖ Optional Cutting Vibration Dampening System: Designed to reduce the vibrations associated with the cutting of structural material. This system consists of a hydraulically dampened blade cushion, which allows for smoother cutting, noise reduction, and increased blade life.