

Double Column Machines:

- ❖ The Saw Head: The saw head is guided via roller bearing guides on two independent rails on each square guide column. The use of play-free guides minimizes friction and wear, and affords a smooth and even traverse as the arm raises and lowers. The Double Column design and heavy saw base provide a rigid, stable, and rugged cutting platform for any application. The hydraulic system is specially designed to maximize cutting performance and reduce cycle times.
- ❖ Hydraulics: Hydraulic units are well laid out with fully labeled valves, solenoids, and regulators. The hydraulic system is easily accessible, reducing maintenance time and expense. All gauges can be easily spotted and checked for proper pressures.
- ❖ Optional Computer Controlled Traverse System: When cutting extremely hard material and abrasive material, a constant chip load and cutting force is a necessity. The optional CCT allows the saw operator to quickly program the exact rate of traverse required for cutting a given material by entering two pieces of information into the computer: the width of the material and the cutting rate (in square inches per minute). The computer quickly determines the exact rate of traverse required for cutting. As the blade teeth get dull, the chip thickness will remain constant. The CCT also has a built-in blade break-in mode that can be activated with the push of a button. The computer also has a blade exit mode that controls the exit to prevent “punch-through” at the end of the cut. Customers using the CCT option have experienced 100% to 200% greater saw blade life.
- ❖ Double Column Machines are available with material bar feeds from 24”, 72”, and 144” stroke length.