

# CENTURY DESIGN INC.

## M-2900 Autofeed Dual Cutoff Saw

*FROM CONCEPT TO COMPLETION*



### Highlights

- ◆ High speed automated cutting of both ends of shafts or blanks to precise length tolerances. Clean, square cuts with no chipping and splintering of the part outside surface.
- ◆ Accepts parts from standard CDI parts feeders.
- ◆ External setting of tip cutoff length and part length. Optional high-precision digital length adjustment.
- ◆ Automatic tip indexing.
- ◆ Dual chain conveyor system feeds parts through cutting operation.
- ◆ Cutting by dual 10-inch diamond saw blades, with water mist for dust and blade temperature control.
- ◆ Saw blade and shaft are rotated during cut, so blade is always cutting into part. Any chipping or splintering occurs on inside diameter of shaft or blank. Special weighted hold-down and roller systems cause positive rotation of part and hold each end of part firmly in position during cut.
- ◆ Parts can be ejected into a hopper or fed onward to another finishing operation.
- ◆ Built-in scrap capture system and water recirculating system.
- ◆ Adjustable feed rate-10 to 30 parts per minute.
- ◆ Cut length tolerance:  $\pm 0.005$  inches.

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