

3 Technologies = Lower Costs and Reduced Lead Times

SUMMARY

Benefits

- The consolidation of metal and soft parts to one source will lower your acquisition costs
- No new tool or replacement tool costs incurred
- Fast turnaround—decreased production times
- Low cost prototypes for new products or redesigns of existing product
- Reverse engineering
- Better material utilization
- Ability to cut a wide variety of materials



Atom S530

Other Chicago-Wilcox Capabilities:

- Gaskets
- Shims
- Washers
- Stampings
- Die Cutting
- Laser Cutting
- Value Added Services
 - Engineering Assistance
 - Committed Inventory
- Inventory Management
 - VMI
 - Stocking Programs
 - Kanban

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CHICAGO-WILCOX MFG. CO., INC.



CNC Cutting Technologies



Amada Fabrivation

C-W is offering combined advanced manufacturing technologies to lower the cost and lead times on your low to medium volume part requirements

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Amada FabriVision



This laser based inspection machine provides both fast inspection of finished parts and reverse engineering.

The fast inspection feature allows Chicago-Wilcox to decrease the time machines wait for “first piece” approval, increasing our machine utilization and reducing your costs.

Reverse engineering of parts when no drawing is available and the generation of drawings from samples.

The generation of dxf and dwg files transfers to both the Flash Cutter and the laser cutters to generate cutting programs.

Atom Flash Cutter



This oscillating knife CNC cutter eliminates the need for rule dies and the time needed to make them decreasing delivery time. In prototype work dimensions can be changed without incurring the cost of new dies.

Cutting size capacity of this machine is 60” X 120”. As a belt driven machine either sheet or roll material can be accommodated.

With nesting software to get the best yields and a projection system for the use of centers and drops; material utilization is improved lowering the cost of parts.

If the part requirement increases to where press cutting makes sense, Chicago-Wilcox has the automatic presses.

Laser Cutting



Chicago-Wilcox has lasers. Cutting capacity from .002” (half the thickness of a sheet of paper) to 1/2” on carbon steel and 3/8” on stainless. With a bed size accommodating parts up to 48” by 96”. Our lasers are high precision, holding tight tolerances.

By the use of CNC programming, parts can easily be modified without the cost of changing tooling.

If the part volume increases to where press cutting makes sense, Chicago-Wilcox has the automatic presses for longer run production.