

## Features and Benefits of WILCO Mechanical Descaling Machinery

Wire Lab Company Descaling Machinery is some of the best performing, most durable systems available today. Significant thought and engineering has gone into the design of each model with the goal being dependable machinery that performs as intended and is easy for the operator to use. Proven in hundreds of applications throughout the domestic and international ferrous wire drawing industry, WILCO systems are one of the best values in descaling machinery. Listed below are some of the features and benefits customers have come to appreciate over the years in their WILCO descalers.

### **WILCO Model 310 Reverse Bend Descaler:**



FEATURE	BENEFIT
Three Plane Bending <b>Heavy Duty Sheaves</b>	Not just up and down. Best scale breaking performance.
Solid Carbide Wear Rings 12.7mm thick. Hardened Steel Flanges	Maximum durability with least maintenance.
Sheaves Completely Disassemble	Replace only those worn components – Save Money.
Adjustable Rod Tensioning to establish rod elongation	Proper elongation is critical for good descaling and typically not engineered into other descaling units.
Compact – 560x560mm	Keeps the entire descaling system small so it can fit into most wire drawing lines without moving other items around
Constructed of 1" thick steel plate	Maximum Durability and long machine life – Some installations the 310 is over 20 years old.

### **WILCO Model 610 Air Jet Cleaner:**



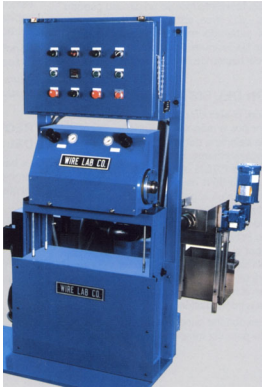
FEATURE	BENEFIT
Non-contact cleaning using high velocity compressed air.	Few wear components – minimal maintenance.
Solid Tungsten Carbide guides and air nozzles.	For maximum machine uptime.
Re-useable filter bag	Traps fine scale – keeps shop area clean.
Only utility is compressed air	Easily installation in the plant.
ECONOMICAL	\$1.00 / ton saves money vs. acid cleaning AND many other descaler types.
Compact – Entire system is 1930mm long	Easily installed using common baseplate.

**WILCO Model 720 Water Jet Cleaner:**



FEATURE	BENEFIT
Non-contact cleaning using high velocity compressed air.	Few wear components – minimal maintenance
Solid Tungsten Carbide guides and air nozzles.	For maximum machine uptime
Meant for cleaning Wet Rod	Allows for outdoor rod storage freeing up valuable shop floor space for more important production activities
190 liter closed loop water system	Re-use water so you don't waste money on single pass water
ECONOMICAL	\$1.00 / ton saves money vs. acid cleaning AND many other descaler types
Compact – 1930mm overall	Easily installed using common baseplate.

**WILCO Model 750 Water Jet Cleaner / Lubricant Precoater:**



FEATURE	BENEFIT
Almost 100% Stainless Steel Components	Maximum machine life and minimal maintenance.
Uses commercially available lubricant precoat compounds	Gives customer the choice of compounds to use balancing needs, costs and preferences of supplier.
Air wipe drying	Compact system does not require heated drying drum.

**WILCO Automatic Rod Brushing Machine:**



FEATURE	BENEFIT
8 Commercially available wire brushes	Easy to buy locally – Saving money and shipping costs.
90° Orientation to the rod	<ul style="list-style-type: none"> <li>•Working the brushes the way they are designed to run.</li> <li>•Very good brush life of 250 to 300 tons – Maximum uptime and leading to processing costs of \$5 to \$10 per ton.</li> <li>•Radial brush marks – aiding lubricant pickup.</li> <li>•Compact machine only 840mm OAL – Easy to fit in with existing machinery.</li> </ul>
Automatic brush pressure control and adjustment	<ul style="list-style-type: none"> <li>•No operator adjustment is necessary – focus on just the wire drawing operation not babysitting a piece of machinery.</li> <li>•Consistently cleaned rod – For the best quality wire production.</li> </ul>