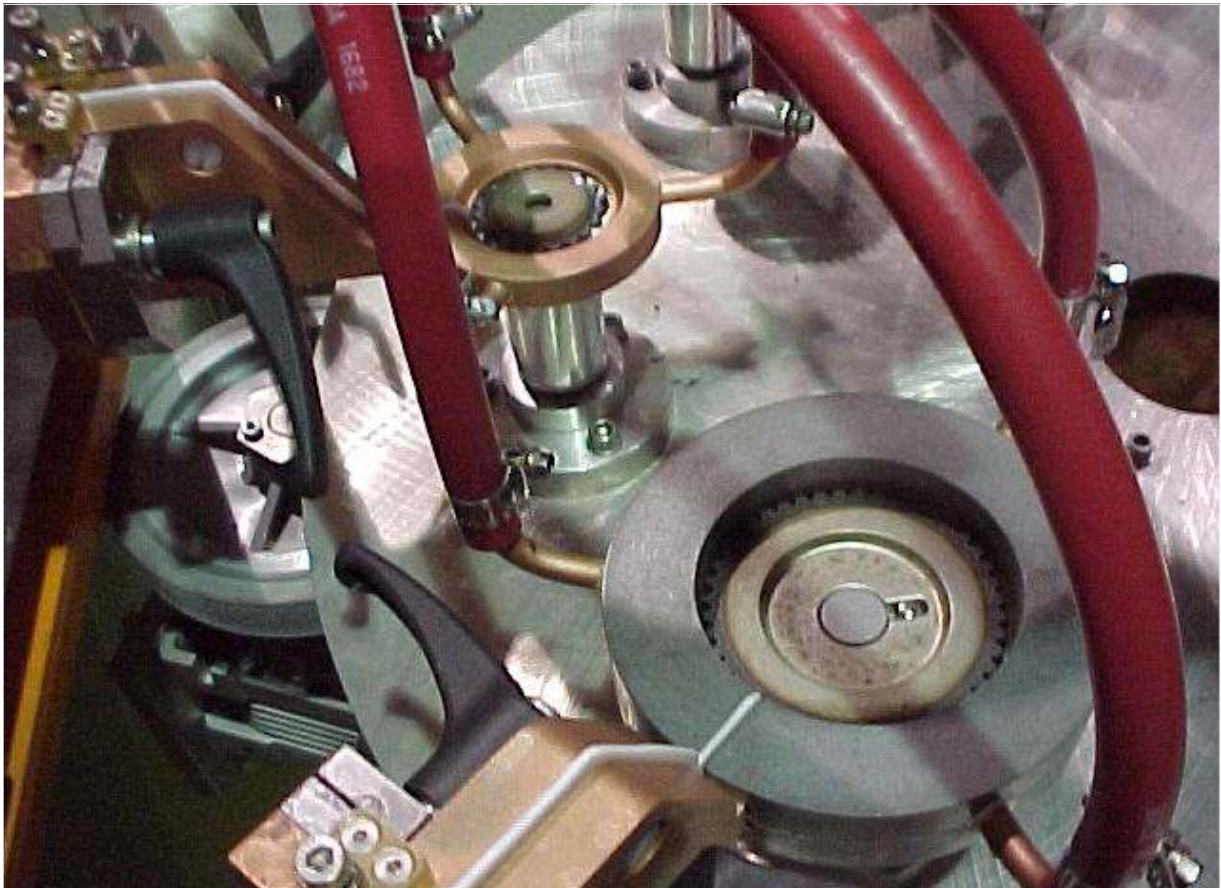


# ***AUTOMATIC HIGH SPEED Induction Hardening Machine***

- Capable of 1200 Parts Per Hour
- Produces uniform hardened case
- Select **Single Frequency, Variable Frequency** or **Simultaneous Dual Frequency** output
- Independent power control at each station
- Programmed for selecting four different types of quench processes
- Capable of processing two different parts sizes during the same production cycle



This machine is a complete hardening and tempering system utilizing a dual heat station and dial table with a lift mechanism for high speed, precision heat treating. Equipment features include auto load matching, high efficient output transformers, quick change inductor mounting, and integral water cooling & quench recirculating system. Quenching can be achieved by mass (no quench medium) air, gas or by polymer liquid quench. The machine is programmed to select individual heat and quench processing parameters at each heat station for a specific part design.



3578 Van Dyke • Almont, Michigan 48003

**For more information about this high speed machine and other induction heating equipment contact Electroheat Technologies at:**

**Tel: 810-798-2400 • Fax: 810-798-2402**

**Email: [mail@electroheat-technologies.com](mailto:mail@electroheat-technologies.com)**

**Website: [www.electroheat-technologies.com](http://www.electroheat-technologies.com)**

# Four (4) Position High Speed Sprocket Hardening Machine



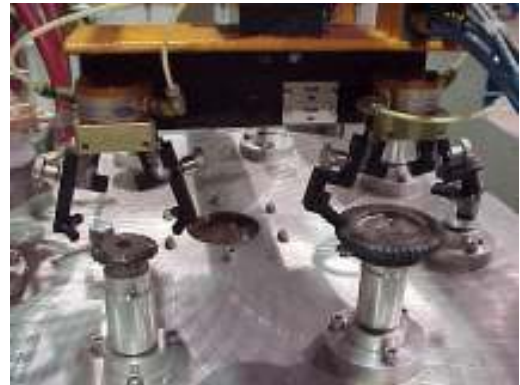
Load position-Manual/Auto  
(Position 1)



Profile gage to qualify part position  
(Position 2)



Heat & quench position with different parts  
(Position 3)



Unload position with different parts  
(Position 4)



Automatic unload to customer part handling



Finished heat treated sprocket



For all of your induction heating equipment requirements !

