

## **Company Background**

American Pneumatic Tool is a leading manufacturer of Air Tools for the construction industry as well as for the aerospace and industrial markets. Established in 1938, APT has grown steadily and achieved worldwide recognition as a manufacturer of a premium line of quality Air Tools for high performance operations. American Pneumatic Tool makes all their equipment in the state-of-the-art manufacturing facility they own in Gardena, California. Superior performance, excellent product reliability and ergonomic designs are what make American Pneumatic Tool an industry leader.

## **How APT Tools Are Made**

The air hammers manufactured by American Pneumatic Tool are made from only top quality raw materials. The valves, pistons, and other moving parts are made from shock resistant tool steels and then heat treated to a specified rockwell hardness for toughness and durability. Handles, frontheads, backheads, and cylinders are made from carburizing grades of drop forged, exceptionally hard alloy steels. The carburizing heat treating process results in parts which have hard surfaces and resilient cores that withstand and dampen shock waves. Internal parts are precision ground to 32 microinch finish or better. Sophisticated manufacturing equipment such as CNC Mills, CNC Grinders, and CNC Turning Machines are used to ensure the highest consistency and quality of all machined parts. This computerized numerically controlled equipment allows APT experienced craftsmen to hold dimensions to very close tolerances, for example some parts are machined to tolerances as close as +/- .0002 inches. Prior to assembly of the air hammers, all parts are subject to quality inspection using air gages and other electronic and standard quality control processes. Once the air tools are assembled, they are each individually tested in the APT testing department using automated equipment. A test pellet is included with every tool as evidence that it has met or exceeded the final test specification.

The research and development department is continually striving to improve tool features and design, making them more reliable, more efficient, safer, and more comfortable to use. American Pneumatic Tool is proud to be one the leading manufacturers of robust and reliable air tools which are an industry standard of excellence.



**"American"**  
*is our first name*