

ARO Industrial Tools



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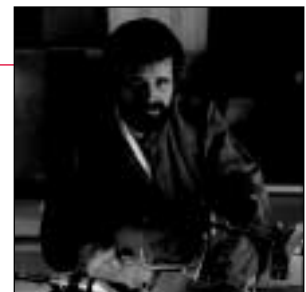
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“The fastening requirements on this assembly have changed. I need tools that will help us meet the spec consistently.”

“We’re considering full vacuum operation in our sanding areas to improve our results. Can you make a recommendation?”

“We’re redesigning one of our production departments to improve ergonomics. We need some help in selecting proper tools and accessories.”

New requirements. New processes. New demands and desires for a more efficient, more comfortable workplace. New problems confront decision makers in industrial production and maintenance everyday. ARO provides solutions that blend solid expertise with tools designed to simply do the job better than any competitive offering. ARO people and products are problem solvers working for you.

This catalog reflects a stronger, more focused organization and product line, backed by investments in the latest manufacturing systems, tool designs, and materials. You’ll find the highly regarded Series 20/50 screwdrivers, nutsetters, drills, and of pulse nutrunners, along with many other products that complete the Assembly Tools line. More than half the models in the Finishing Tools line are new or recent introductions, underscoring ARO’s commitment to this function. And the Special Purpose Tools section is the best example of ARO’s unique dedication to meeting specific customer needs.

ARO Series 20/50 drills combine power and speed with operator comfort.



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Throughout the Finishing Tools section, you'll note the expansion of the Elite® Series products, now including new random orbital sanders and heavy duty grinders, sanders, and polishers. The Elite Series products define the highest level of advancement in finishing tools, utilizing new materials such as lightweight composites, ergonomic design for enhanced operator comfort, and the ultimate in power and performance.

The Classic Line represents the most popular models from ARO's established range of tools, reflecting more traditional design and materials. All Classic Line models carry a well-earned reputation for performance and durability, and many have pioneered ergonomic design trends through size, weight, and housing configurations. They're the best of the tools that helped build the ARO reputation.

Throughout the catalog, you'll find details on the features that distinguish ARO tools every day in production sites around the world: the exceptionally fast shut-off action of the ASO clutch in many ARO assembly tools delivers superior accuracy and repeatability, while minimizing operator exposure to torque reaction. High speed, light weight, and variable grip sizes to suit different operators are just some of the hallmarks of the new Elite Series composite random orbital sanders. The new Elite Series heavy duty grinders have the power to tackle heavy material removal while protecting operators, with a patented motor controller and adjustable guards. There's much more.

ARO workstations, combined with proper tool selection, help achieve neutral hand/arm positions and minimal grip force for repetitive operations. They also help maximize tool performance and create a cleaner, more efficient workplace. Tool features and accessories such as workstations are just the beginning of the ARO ergonomics portfolio. Your ARO distributor or representative can provide a wealth of information, including our HPE (High Performance Ergonomics) Solutions capabilities brochure (Form No. 52881).

If your needs extend beyond the portable tools addressed in this catalog, check into ARO Custom Tools – modified versions of standard products that meet specific assembly or finishing requirements. ARO Air Hoists are compact, powerful, and reliable – even in the most demanding material handling applications. ARO Automatic Machining Tools provide high precision, low cost solutions for secondary machining operations, in pneumatic and electric/pneumatic models. And refer to the IRAX Accessories catalog for a complete selection of quality air tool and air line accessories, in addition to those covered here. Consult your ARO distributor or representative for more details and separate catalogs on these products.



Classic Line tools have helped establish the ARO reputation for solid durability.



Elite Series tools incorporate the latest in ergonomic design, new materials, and efficient performance.



Impact Wrenches, Workstations, Special Purpose and Custom Tools exemplify ARO's ability to meet individual customer needs.

High Performance Ergonomics

User-oriented design with a difference you can measure. What distinguishes an ergonomically correct or enhanced tool from a pretender? How can you recognize form and function rather than mere cosmetics? Ingersoll-Rand has translated the linkage of tool, task, and tool user into a quantifiable factor of productivity improvement – a concept called High Performance Ergonomics. It means more than just bringing performance and ergonomics together. It means bringing them to a whole new level.



High Performance Ergonomics

IR offers ETC's objective ergonomics evaluation, training, and consulting services to customers, as one aspect of our High Performance Ergonomics Solutions initiative. It can be as simple and specific as a workplace evaluation or custom training module. Or as extensive as an assembly process redesign. And IR can offer complementary products from our growing portfolio for a comprehensive solution – including IR Zimmerman ergonomic handling systems, and more.

This focus on user-oriented design and workplace productivity is nothing new for IR. We've earned five prestigious IDEA awards for excellence in product design from the Industrial Designers Society of America and Business Week magazine, for our Cyclone finishing tools, 2131 and 2080 impact wrenches, D Series fastening tools, and now, our Q2 Series tools. This recognition is a reflection of our drive to help you improve the quality of your products and processes. And our total range of solutions – coupled with new asset management software, analysis tools, and other interface options – will help you measure the difference we can make.

