Ingersoll Rand








STEEL FOUNDRY & FABRICATION

Productivity Solutions

A LEGACY OF INNOVATION

FROM AN INDUSTRY LEADER

For more than 100 years, Ingersoll Rand® has inspired progress by driving innovation with revolutionary technology and creating new standards for how the world gets work done. We're proud of our legacy for developing ruggedly reliable, class-leading industrial technologies and outstanding customer service and technical support.

We're a world leader

not just because of our products, but also because we know our customers' industries very well — especially steel fabrication and foundry. Out of this comes a solid understanding of the unique challenges you face in the steel industry, and an ability to deliver the highest levels of safety, reliability, and performance.

Whether you need equipment, parts and service, technical support, training, consulting, or virtually anything in between, you can trust Ingersoll Rand to deliver. After all, we've been doing it for more than 100 years.





THE POWER TO PERFORM

At Ingersoll Rand®, we place a strong focus on creating reliable, durable, and rugged products that will withstand even the harshest work environments. With over 100 years of experience in the steel fabrication industry, we understand that different jobs require different tools. Luckily, we offer a full range of products and accessories to help get every job done.

CONSISTENCY

When purchasing an Ingersoll Rand tool, you also get the peace of mind of knowing that you will always have the right tool for the job. We put focus on our life cycle cost and ease of product maintenace to ensure you get what you pay for. Ingersoll Rand tools get the job done right the first time, every time.



EXPERIENCE

With over 100 years of experience in the industry, we have the knowledge to help you in every way possible. We understand what you want and know how to accomodate your needs.



VARIETY

We understand that different tasks require different tools. With a full range of products to choose from, you can be assured you'll have what you need to get your work done. We also offer a wide variety of accessories to make your work easier.



DURABILITY

When it matters most, you want to know you have a tool that won't break down. Ingersoll Rand tools are built durable to outlast the competition. With Ingersoll Rand, you can replace your tools less often and get more work done.



A FULL RANGE OF PRODUCTIVITY SOLUTIONS



SURFACE PREP

Medium Duty Grinders



- Available in both straight and angle configurations
- Spindle lock feature for faster abrasive changeovers
- Lube-free design eliminates contamination of the work environment

Heavy Duty Grinders



- Available in both straight and angle configurations
- Multiple speed configurations to handle virtually any job
- Rugged internal components, including a lube-free motor to run cooler and longer for less maintenance

Large Grinders



- Up to 3 HP performance
- Available in angle, vertical, and straight configurations
- Built in, patented motor controllers to increase productivity
- Extremely rugged, durable housing to withstand harsh environments

Scalers



- Needle and chisel scalers
- 2,200 to 5,500 blows per minute
- Pistol, swan neck, and in-line grips

LIFTS / HOISTS

Air Chain Hoists



- Capacities ranging from 1/8 ton through 100 tons
- Multiple suspension and control options
- Low maintenance
- Spark and corrosion-resistant versions available

Manual Chain Hoists



- Lever chain hoists in 1/4 to 9-ton capacities
- Manual chain hoists in 1/2 to 20-ton capacities
- Spark (ATEX Certified) and corrosion-resistant models available
- Overload protection available

Electric Chain Hoists



- Capacities ranging from 1/8 ton to 5 tons, among various series
- Compact, lightweight relative to horsepower
- Multiple suspension and control options

BOLTING / CORDLESS

Impact Wrenches



- Durable and high quality tools equipped with added features for frequent rigorous application
- 1/4” to 1” square drive
- Composite, titanium, and steel offerings
- The brand of choice for professional automotive mechanics and NASCAR

Large Impact Wrenches



- Top quality models designed to tackle the most extreme jobs
- 3/4” to 2 1/2” square drive
- Advanced technology, proprietary\ hardening process, innovative ergonomic design, to create hardest hitting impact tools in the business
- Spark Resistant (ATEX) certified options available

20v 1/2” Impact Wrench



- 1,000 ft lbs of maximum forward / reverse torque and 1500 ft lbs of nut-busting torque
- Available in hog ring anvil and pin anvil
- Best in class power to weight ratio

World’s Most Powerful 1” Cordless Impact Wrench

NEW!



- Up to 3,000ft lbs of nut busting torque, and 2,200ft lbs of tightening torque
- IP56 rated for tough environmental conditions
- IQv Power Control System includes 3 modes: MAX Power, MID Power, and Snug

Bench Sand Rammer



- Built-in lubricator, plated piston and front-end seal protect your tool from the toughest environments
- Dual-action sand wipers, a built-in muffler and a side exhaust, this tool is built for heavy use
- Ideal for compacting small sand molds in a foundry or casting facility





SERVICE TUNE-UP KITS

At Ingersoll Rand®, we don’t just build the most durable and powerful tools on the market, we also back them up with a warranty program that’s just as reliable. When you purchase Ingersoll Rand extended warranty kits for your new M2 Series tools, you’ll get an additional year of coverage for parts and labor, for a total of two years of protection.

Each Extended Warranty Kit Contains the Following:

- One filter/lubricator/regulator
- One pint of lubricating oil
- One 4 oz. tube of grease
- One M2 Series tune-up kit



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A FULL RANGE OF PRODUCTIVITY ACCESSORIES



ACCESSORIES

Tool Lubricants

- Prolong the life of tool motors, mechanisms, gearing, and other vital parts
- Dependent on tool type, finish, and application, Ingersoll Rand offers a broad range of oils and greases
- Available in various sizes, inidividually, and in kits



Tool Boots for Impact Wrenches

- Available for pneumatic and cordless tool offerings
- Protects tool from damage if dropped
- Adds further protection from unwanted contaminates that can affect tool performance



Couplers, Plugs, and Hoses

- 1/4-inch, 3/8-inch, and 1/2-inch sizes
- Composite safety coupler
- Air swivels for reduced operator fatigue
- Bulk hoses, hose whips, universal hoses, and self-retracting coils range from 1/4- to 3/4-inch inside diameters



Spring Balancers

- Available in carrying capacities ranging from 0.9 to 363 pounds (0.4 to 165 kg)
- 5.2- to 9.85-foot (1.6 to 3 m) lift capacities
- Primary and safety suspensions
- Safety device to prevent load drop



IT'S IN YOUR HANDS

Pneumatic Grinder Safety



Portable pneumatic grinders are indispensable tools in the industrial workplace, given their outstanding versatility, reliability, and advanced designs. Yet, despite their value, if pneumatic grinders are used improperly, they can pose definite safety risks to you and others.

General PPE Protection

- Eye and Face Protection
- Head Protection
- Hearing Protectin
- Safety Shoes/Boots
- Gloves
- Breathing Apparatus
- Body Protection

Air Delivery System

There are a number of precautions you should take to ensure that your air delivery system is operating safely and efficiently.

- Air Pressure
- Air Hose
- Air Breaker
- Couplings and Connections
- Connecting the Tool

Safe Grinding Techniques

(Please see our complete brochure on Grinder safety)

- Do not use a grinder with a RPM rating higher than the RPM referenced on the grinding wheel/accessory.
- Always turn off the air supply or disconnect the supply hose before installing or removing any accessories on a grinder.
- Prior to use, test tool in a safe area, like under a table, to ensure the accessory is mounted properly.
- Always use the wheel guard furnished with the grinder. Failure to do so could result in injury.
- Inspect all grinding wheels for chips or cracks prior to use

Contact your **Ingersoll Rand® representative** for more information on grinder safety training.

Ingersoll Rand (NYSE:IR), driven by an entrepreneurial spirit and ownership mindset, is dedicated to helping make life better for our employees, customers and communities. Customers lean on us for our technology-driven excellence in mission-critical flow creation and industrial solutions across 40+ respected brands where our products and services excel in the most complex and harsh conditions. Our employees develop customers for life through their daily commitment to expertise, productivity and efficiency.

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