Industrial Power Tools



M18 = = = =

DRIVEN TO OUTPERFORM!



POWERSTATE™ BRUSHLESS MOTOR

- MILWAUKEE® Designed and Built Brushless Motor
- Outperforms All Leading Competitors
- Longer Motor Life



REDLINK PLUS™ INTELLIGENCE

- Most Advanced Electronic System on the Market for Maximum Performance
- Total System Communication with Overload Protection Shuts Tool Down in Stall Situations



REDLITHIUM™ XC5.0 BATTERY PACK

- Most Durable Pack on the Market
- Over 2X More Recharges than Leading Competitor
- Fuel Gauge Displays Remaining Charge
- Operates Below -18°C / 0°F





North America

International



M18 FUEL™ SDS PLUS ROTARY HAMMERS

As a true breakthrough in cordless technology, these powerful tools drill even faster than their corded counterparts. Capable of delivering a full day's work on one charge, our new 1" and 1-1/8" SDS Plus Rotary Hammers deliver fade free-power and the durability of a corded tool, even in climates below 0°F/-18°C. That means users can count on best-in-class performance, no matter what challenge the jobsite brings.







M18 FUEL™ HOLE HAWG®

Optimized for electrical applications, this is the first cordless tool of its kind. This right angle drill is even faster than the original HOLE HAWG®, delivering over 150 (7/8") holes per charge, and is over 30% lighter than its predecessor. It's also equipped with our all-new QUIK-LOKTM Chuck, which offers keyless, one-handed bit changes for most 7/16" flat or groove shank bits.

M18 FUEL™ DEEP CUT BAND SAW

This saw offers all the performance and durability of our legendary corded band saws. With run-time lasting up to a full workday, it allows users to make a seamless shift to cordless with zero sacrifices.

M18 FUEL™ 7-1/4" CIRCULAR SAW

This powerful saw cuts faster than its corded counterparts while being an astonishing 40% lighter. This dramatically reduces user fatigue. With a 2-1/2" cut capacity, this tool is designed for easy cutting, offering an LED light, dust blower and the right hand blade design users prefer.





Industrial Power Tools



Our mission in cordless design is to introduce new solutions that make tradesmen on the jobsite more productive. Working side-by-side with users during the design and testing process gives us the ability to deliver game-changing solutions.

Products and Technology

Products

 Cordless Power Tools, Corded Power Tools, Test & Measurement diagnostic equipment

Cordless Platforms

 Lithium ion batteries M12[™], M18[™], M28® REDLITHIUM[™]

Technology

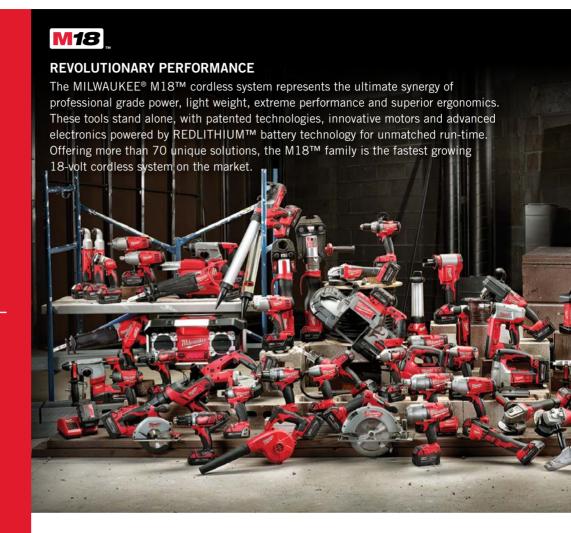
- State-of-the-art motor technology POWERSTATE™ Brushless Motor
- Advanced electronics –
 REDLINK PLUS™ Intelligence
- Up to 2X more run-time, 20% more power, and 2X more recharges − REDLITHIUM™ Batteries

End-Users

 Mechanical, electrical, plumbing, remodeling and maintenance repair professionals

Distribution

 Home Center channels, Hardware, Industrial MRO, Plumbing, Electrical, Farm and Agriculture, Construction and Automotive channels



M18™ FORCE LOGIC™ HIGH-CAPACITY KNOCKOUT TOOL

MILWAUKEE® is bringing unprecedented performance to the knockout category, with a system that speeds the process and limits user fatigue. Using a powerful hydraulic system and EXACTTM Punches and Dies, this system is able to punch up to 4" holes in 12-gauge stainless steel. With a Quick Connect Alignment System and compact right angle design, this powerful tool eases the tedious process of hole making. Each product within the MILWAUKEE® Knockout System was built on the principles of reducing the tedious steps of hole making, improving the speed of the process, and limiting the fatigue of the user. The result is a group of tools and accessories that redefine accuracy, durability, and productivity for the electrical contractor.





M18™ COMPACT BRUSHLESS

Everything you expect from M18TM, but with a MILWAUKEE® brushless motor which provides 50% longer run-time. Compact, lightweight structure is designed for maximum control and balance.



M18™ COMPACT BLOWER

As the most powerful compact cordless blower in its class, this tool is optimized for common construction debris, offering users a faster, more efficient way to clean up the jobsite. With a 3-speed electronic switch, variable speed trigger and optional lock-on switch, this blower delivers maximum versatility, while minimizing airborne dust and debris during cleanup.



M18™ RIGHT ANGLE IMPACT DRIVER

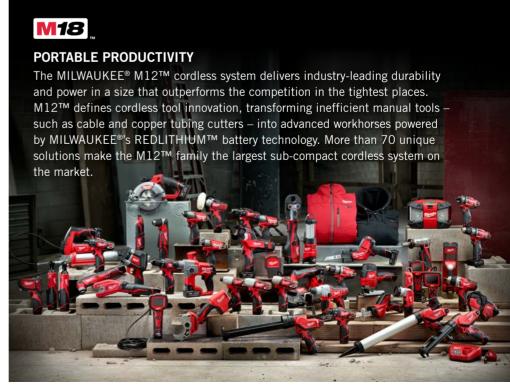
This impact driver offers ultimate speed and control in hard-to-reach fastening applications. It features a slim $1.7^{\prime\prime}$ head profile; an extended paddle switch, which allows users to operate their tool from multiple grip points; and an 8-point rotating head for access from multiple angles. What's more, it's the only tool in the category to offer multiple speed/torque modes through our proprietary 2-MODE DRIVE CONTROLTM.





M12™ & M18™ TRUEVIEW™ LIGHTING

These products offer users best-in-class lighting solutions, with an even beam pattern that eliminates glare and shadows, and a true representation of detail and color in their working area.



Accessories



Our mission for Power Tool
Accessories is to deliver
breakthrough innovations that solve
jobsite problems and make our core
users more productive. We are
committed to pushing the limits
of performance through investments
in disruptive manufacturing
technologies and creative designs.
Our new product efforts produce
visually differentiated attributes
that reinforce a demonstrable
performance advantage vs.
our competition.

Products and Technology

Products

- Saw blades and hole saws
- Fastening accessories
- Masonry drilling and demolition
- Wood boring bits
- Metal drill bits and cutters

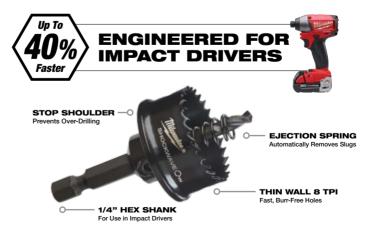
Technology

- Patented tooth forms including
 NAIL GUARD™ and RIP GUARD™
- SHOCKWAVE™ Impact Duty technologies
- JAM-FREE™ Step Bit geometry
- DIAMOND PLUS™ Hole Saw technologies
- SWITCHBLADE™ replacement blade technology for wood boring



SHOCKWAVE™

Coupled with MILWAUKEE® Impact Drivers, these hole saws maximize the productivity of any contractor who has to work with sheet metal, from electricians to mechanical installers to general contractors.









HIGH PERFORMANCE. BREAKTHROUGH PRODUCTIVITY.

We've developed a broad selection of hole making innovations to meet tool trends of our core trades. These accessories are designed to help users stay productive through a constant stream of new applications and installation challenges.

ADJUSTABLE HOLE CUTTER

This tool is designed to meet the ever-changing needs of installation professionals. With the ability to create holes from 2" to 7-1/4" in drywall and ceiling tile, it can simplify a wide variety of lighting, home audio and home security system installs.



SAWZALL® METAL CUTTING BLADES

Our innovative DOUBLE DUTY UPGRADE™ gives these blades unparalleled toughness on the job. It starts with an optimized tooth form that delivers 2X longer life. At the base, we designed an all-new TOUGH NECK™ tang that is the strongest on the market, eliminating a weak point found on many competitive blades. And finally, the entire blade is reinforced with our GRID IRON™ stamped honeycomb pattern, for the stiffest blade on the market today.



Hand Tools



With over 300 new tools and counting, we're continuously expanding our Hand Tool line. Dedicated to delivering solutions to increase productivity, the Hand Tool group focuses on providing application-specific features to the electrical, mechanical, HVAC, MRO and remodeling trades.

Products and Technology

Products

- Cutting and Fastening
- Tape Measures
- Layout
- Blades
- Screwdriving
- Saws
- Knives

Technology

- Tape measure nylon bond blade protection for up to 10X longer life
- Micro carbide dispersed metal utility blades for up to 3X longer life
- Jobsite Stylus Marker

Platforms

 FASTBACK™ Knives and Utility Knives, HOLLOW-CORE™ Nut Drivers, INKZALL™ Jobsite Markers, TORQUE LOCK™ Locking Pliers



SOFT SIDE STORAGE

With durable 1680D material and double stitched riveted seams for wear protection, this storage is truly built for the trade. The Jobsite Backpack features a laptop pocket and a padded, breathable, load-bearing harness for ultimate comfort and less user fatigue.





BROAD RANGE OF INNOVATIVE SOLUTIONS

STAPLE & NAIL GUN

We gave users what they wanted in this tool, with up to 75% more driving power than the competition and a dual-mode power switch for ultimate driving control in a wide variety of jobsite materials.





HAMMER TACKER

Featuring an all-metal design and a protected, jam-free magazine, this tool lasts up to 3X longer than competitive hammer tackers, setting new standards for both reliability and durability.



PRECISION SCREWDRIVERS

These drivers are built to last. Precision-machined tips provide long life and a secure fit. An all-metal core offers 4X strength. Plus, the longer shanks and extended reach design improve visibility and reach.

PLIERS

Designed from the ground-up with trade-specific features, our expanding lineup of fastening and cutting pliers delivers superior performance tailored to the application. With slimmer grips and carefully selected materials, these tools are up to 30% lighter than their predecessors.



Layout and Measuring Tools



For over 90 years, EMPIRE® has been the leading designer and innovator of accurate and durable layout and measuring tools. With industry firsts such as the Monovial, the Torpedo Level, the Magnetic Level, and most recently TRUE BLUE® the most accurate vials and levels in the world, EMPIRE® continues its tradition of developing innovative solutions focused on improving productivity and user experience.

Products and Technology

Products

• Levels, Squares, Tape Measures, String Tools, Precision Tools, Safety & Utility Products

Technology

• TRUE BLUE® Monovial and Block Vial Technology, Advanced Concentric Molding, Advanced Digital Electronics, Laser Etching, EMPIRE® Viewing System, eShock Endcaps

End-Users

• A variety of tradesmen including carpenters, masons, plumbers and electricians

Distribution

• Home Centers, hardware, industrial MRO, plumbing and electrical channels





LEVELS

EMPIRE® is constantly evolving level technology to fit the way users work. EMPIRE®'s TRUE BLUE® line of levels are tested for 10-position accuracy at 0.0005", making them the only levels to guarantee an accurate read at every possible level and plumb working position.

In addition to accuracy, users demand durability. Each level frame is designed to endure the impacts of heavy jobsite use. Features such as shock resistant endcaps and integrated vial surrounds protect the level and ensure better accuracy over time.









SQUARES

Delivering maximum visibility, pinpoint accuracy, and unparalleled durability, EMPIRE®'s line of squares are designed to meet the highest standards in layout.

EMPIRE® offers a wide range of squares that withstand the toughest jobsite conditions and offer the extreme precision that a professional requires.





STILETTO® sets the standard with premium Titanium hand tools and hammers that are 45% lighter than steel, while providing the same striking force and strength. In addition, Titanium tools produce 10X less recoil shock, which means less down time due to injury, more productivity and most importantly less pain while getting the job done.





APPLICATION-SPECIFIC TOOLS

Tools such as the Lath and Drywall Axes provide the benefits of lightweight titanium in specialty applications. That means less fatigue at the end of a long work day.





HRRT

HART® products focus on delivering innovative Signature Features such as exceptional weight balance ratio, polished hammer heads, progressive angled face hammer designs, side nail pulls, forged heads and POWERSTRIKE™ faces. In addition, HART® Tools are designed and built to withstand the rigors of a Professional Jobsite. HART®'s line of innovative products assure you that NOTHING HITS HARDER™.





HART® 12LB SLEDGE HAMMER

Power through demolition 44% more efficiently with the patented POWERSTRIKE™ face Signature Feature.





HART® 3.5LB AXE

is equipped with an arsenal Signature Features including Face Cutouts, a Forged Head, SUREGRIP™ overmold, and much more.

Professional Power Tools

AEGPOWERTOOLS

The AEG® power tools brand has been delivering high-performance tools since 1898. Over a 100 years later and nothing has changed, AEG® Power Tools continues to push boundaries and innovate with a current focus on the cordless sector, harnessing lithium ion power as well as a myriad of traditional but highly innovative corded tools.

Products and Technology

Products

Cordless and Corded Power Tools

Cordless Platforms

- PRO LITHIUM ION™ Cordless System 12-vol[®] 14.4-volt and 18-volt
- OMNIPRO® Multi Tool system with interchangeable heads
- Cordless and Corded Power Tools and support accessories

End-Users

· Professional Tradesmen, Contractors

Distribution

- Professional/Traditional trade and wholesale distribution
- Professional section of Modern channels and Home Centers







North America

Europe

Australia



BRUSHLESS

18-VOLT BRUSHLESS

AEG® Brushless is built to last.
The brushless technology provides greater torque, longer run-time, and 2X the motor life of a brushed motor.
Also delivering a quieter output than brushed motors and less maintenance required to manage your tool.

18-VOLT BRUSHLESS HAMMER DRILL

Delivering a powerful 80nm of torque together with 28,800 B/pm the 18-volt Brushless Hammer Drill provides maximum performance for the hardest working tradesmen.

18-VOLT BRUSHLESS IMPACT DRIVER

With its class leading max torque of 200nm and compact size (weighing only 1.03kg without the battery), the 18-volt Brushless Impact Driver is built for heavy duty applications.







OMNIPRO® MULTI TOOL

Designed to enable users to tailor their system depending on application, the OMNIPRO® 12-volt and 18-volt are perfect for those looking for cordless machines with the kind of power associated with an corded machine. Professional tradesmen will be particularly attracted to the interchangeable heads and bodies, which will enables them to select the best balance of power base and head for ultimate productivity. The OMNIPRO® 12-volt boasts an incredibly lightweight and compact ergonomic design ideal for challenging jobs in tight spaces. The 18-volt provides greater power and run-time, but maintains the advantage of cordless portability.

It's this winning combination of power and design alongside multi-functionality that makes the OMNIPRO® Multi Tool one of the most useful tools in today's market.



18-VOLT BRUSHLESS GRINDER

Providing corded power performance the 18-volt Brushless Grinder is a best-in-class. Including current overload protection, line lock out feature, tool free burst resistant guard for ease of adjustment and user safety and Anti Vibe System to ensure the user experience is optimized.





Consumer and Trade Power Tools



RYOBI® brand offers the most extensive award winning and innovative line of consumer focused products and accessories for worldwide use. The RYOBI® power tool range is anchored by the 18-VOLT ONE+ SYSTEM® of over 50 products, ranging from drills, drivers, saws and trimmers to sanders.

Products and Technology

Products

- Cordless and Corded Power Tools
- Power Tool Accessories

Technology

- 18-VOLT ONE+ SYSTEM®
- Lithium ion & LITHIUM ION+™
- AIRSTRIKE™
- Dual Power Hybrid
- RYOBI® PHONE WORKS™ SYSTEM & App

Accessories Technology

- SPEEDLOAD+®
- Universal Shank Jigsaw Blades

End-Users

• Do-It-Yourselfers and Cost Conscious Professionals

Distribution

• Home Centers and Hardware stores







orth America

Europe

ustralia & New Zealand

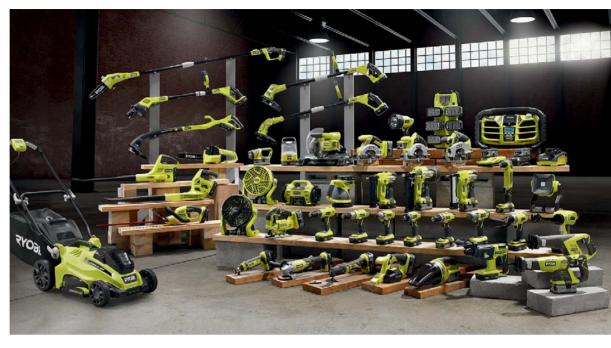
AirStrike TECHNOLOGY

RYOBI® ONE+® AIRSTRIKE™

The ONE+® Brad Nailer, Finish Nailer, Angled Finish Nailer and Narrow Crown Stapler features AIRSTRIKE™ Technology, which eliminates the need for noisy compressors, bulky hoses or expensive gas cartridges. This means faster setup and easier maneuvering on the job site or at home.







RYOBI® 18-VOLT ONE+ SYSTEM®

Continues to enhance and expand its over 50 tools that work with the same battery platform, giving you the ultimate versatility in tool selection to get your job finished. With upgraded LITHIUM+TM batteries, you can get more done in less time and improve the performance of every RYOBI® 18-volt tool ever made. No matter how you add it up, ONE+® is the one system that delivers more.







RYOBI® ONE+® HYBRID

Never run out of power with the convenient option of using a ONE+® battery or switch over to electric power with an extension cord for extended use. The 18-VOLT ONE+ SYSTEM® Dual-power 20 Watt LED Work Light has more than 1,700 lumens to illuminate a large work area.





PHONE**Ö**WORKS

RYOBI® PHONE WORKS™ SYSTEM

Upgrade from expensive, single-function hand tools and transform your phone into your smartest tool with PHONE WORKSTM products and mobile App.

Outdoor Products



RYOBI® Outdoor Products brings the most innovative and comprehensive tool system to the market. The 18-VOLT ONE+ SYSTEM® is compatible with all drills, string trimmer, blowers and hedge trimmers since 1996 while the 40-VOLT lithium ion system is made up of 10+ tools and growing. Innovative battery technology, brushless motors and consistent battery platforms keep the Do-It Yourself homeowner charged with tools for every job.

Products and Technology

Products

 Gas and Electric Powered Trimmers, Blowers, Chainsaws, Hedge Trimmers, Lawn Mowers, Pressure Washers and Generators

Cordless Technology

 4-volt, 18-volt, 36-volt & 40-volt lithium ion systems, Brushless Motor Technology increases efficiency and optimizes performance of the tool

Accessory Technology

• EXPAND-IT® Attachments

End-Users

Do-It-Yourself home owners and garden enthusiasts

Distribution

 Home Centers, Garden Centers and Hardware Stores





RYOBI® brand brings revolutionary hybrid technology to the outdoor power market place. Dual-power source options with a battery or corded connection for limitless power and mobility.











INDUSTRY LEADING BATTERIES

Being the industry leaders in lithium ion technology, the RYOBI® 40-volt batteries provide the power and run-time for every job.





Outdoor Products



RYOBI® brand brings premium engines, innovative features and best in class motors to its products. Offering a complete line of gas and electric pressure washers, gas string trimmers, hedge trimmers, blowers, chainsaws and generators, RYOBI® brand has a tool for every garden enthusiast.

Products and Technology

Products

 Gas and Electric Powered Trimmers, Blowers, Chainsaws, Hedge Trimmers, Lawn Mowers, Pressure Washers and Generators

Accessory Technology

• EXPAND-IT® Attachments

End-Users

• Do-It-Yourself home owners and garden enthusiasts

Distribution

 Home Centers, Garden Centers and Hardware Stores



POWERFUL CLEANING

RYOBI® brand offers a premium line of gas pressure washers powered by Honda engines and featuring exclusive innovation like IDLEDOWN TM and POWERCONTROL TM Technology.



BEST IN CLASS PERFORMANCE

RYOBI® brand introduces a line of electric pressure washers featuring a durable roll-cage frame design, turbo nozzle, quick connect nozzles and an on-board detergent tank, all backed by a three year warranty.





Homelite®

HOMELITE® Consumer Products manufactures a full line of Outdoor Power Equipment including string trimmers, blowers, chainsaws, hedge trimmers, pressure washers, generators and outdoor accessories for the consumer, do-it-yourself and garden enthusiast.

Products and Technology

Products

 Gas and Electric Powered Trimmers, Blowers, Chainsaws, Hedge Trimmers, Lawn Mowers, Log Splitters, Pressure Washers, Generators

Technology

 HOMELITE® products are designed to provide consumers great performance at an incredible value

End-Users

Home owners and garden enthusiasts

Distribution

• Home Centers, Garden Centers and Hardware Stores





RELIABLE POWER

HOMELITE® provides easy starting and reliable tools for any outdoor weekend project. Whether you need a tool for an occasional task or if you are in need of reliable unit for routine use, HOMELITE® tools provide the power you need.





