



## TRADE VERTICAL INNOVATION: DIVERSIFIED AND DISRUPTIVE

It all starts with the user. We don't make assumptions. Instead, we set out to deliver disruptive innovation by getting out on the jobsite, alongside trade professionals, to understand their challenges – the frustrations, needs, and previous limitations. We set out to completely rethink a solution with new-to-world technology and unparalleled levels of design and engineering. Whether it's bringing cordless power to traditionally corded or gas products and manual activities, or advances to fundamental tools and equipment, MILWAUKEE's focus is on working directly with users to help improve their productivity and safety.



**PORTABLE PRODUCTIVITY  
TRADE FOCUSED  
SYSTEM WIDE**



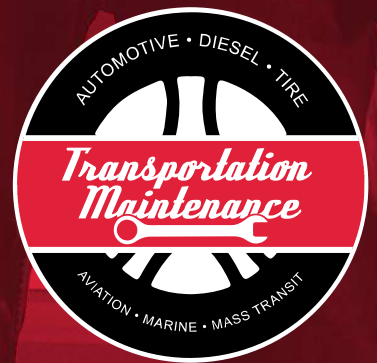
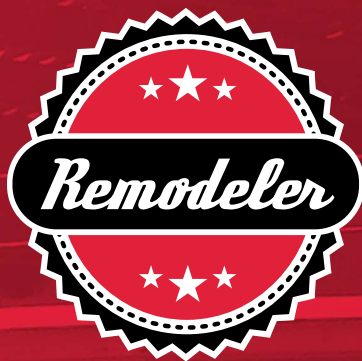
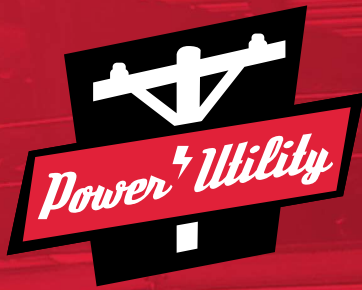
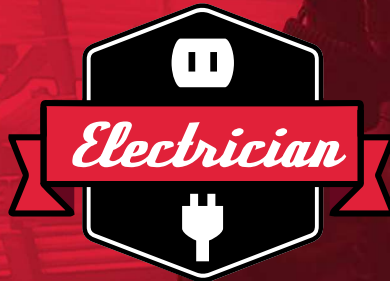
**PERFORMANCE DRIVEN  
TRADE FOCUSED  
SYSTEM WIDE**



**EQUIPMENT REDEFINED  
TRADE FOCUSED  
SYSTEM WIDE**

**PACKOUT™**  
MODULAR STORAGE SYSTEM

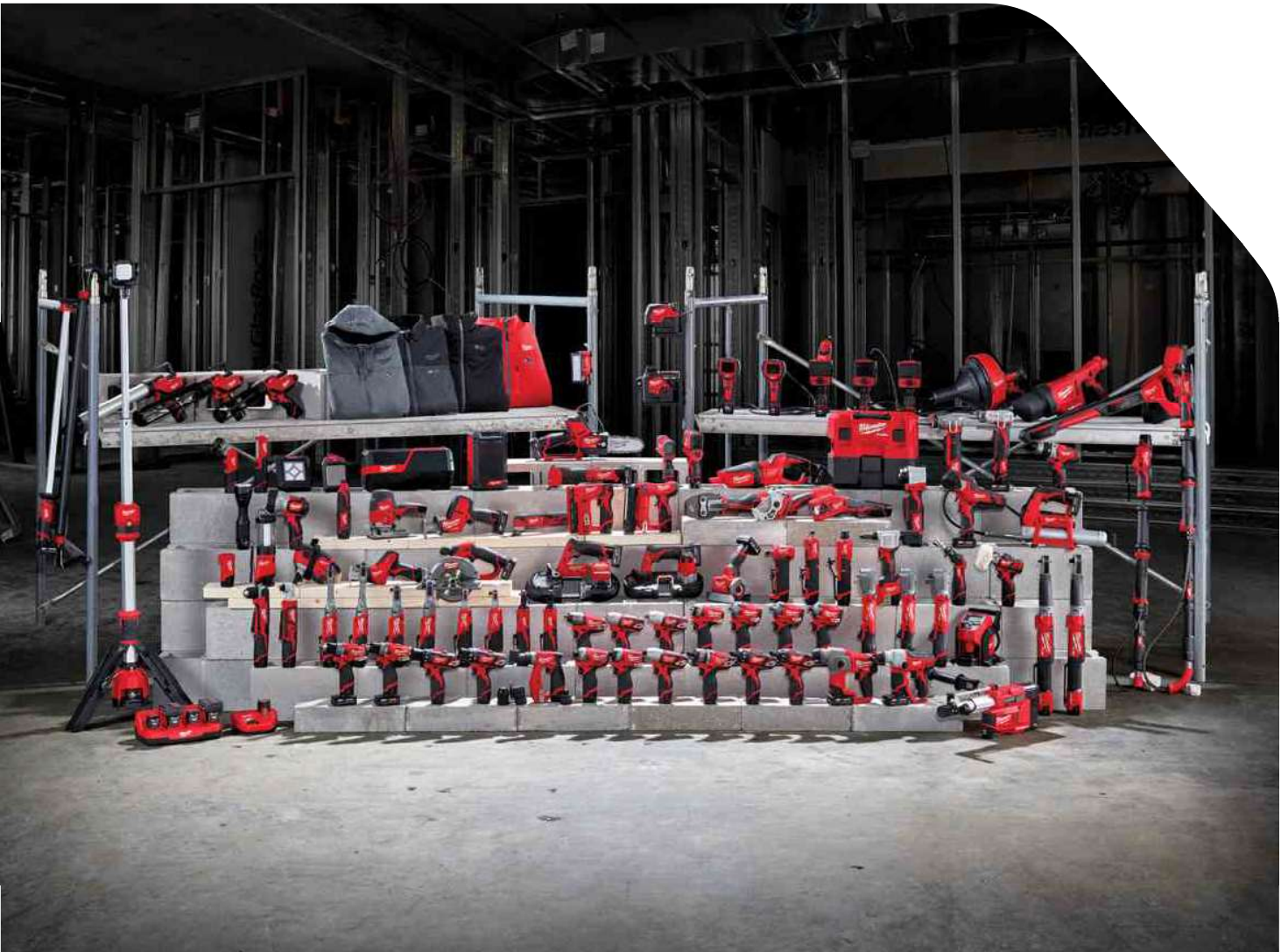
STAY SAFE.   
STAY PRODUCTIVE.







## **M12 CORDLESS SYSTEM**



**PORTABLE PRODUCTIVITY  
TRADE FOCUSED  
SYSTEM WIDE  
125 SOLUTIONS**

The MILWAUKEE M12 System continues to introduce innovative solutions that deliver portable productivity and performance. For example, the newly launched M12 FUEL HATCHET 6" Pruning Saw delivers unmatched control, power, and versatility while meeting the demands of landscape maintenance professionals.

## Cordless Platforms

They last longer, think faster and work harder than all other professional lithium-ion batteries. Built to withstand even the harshest environments, REDLITHIUM batteries deliver more work over the life of the battery, no matter what the job.



## Technology

Highly advanced motor technology boosts efficiency, generating more power from a compact power source. That means the ultimate performance, durability and run-time comes in a smaller, lighter package.

An advanced combination of hardware and software, REDLINK intelligence enables full-circle communication between our batteries and tools, allowing for unmatched levels of performance, protection and productivity.

### M12 FUEL



#### 1 POWERSTATE BRUSHLESS MOTOR

- MILWAUKEE designed and built brushless motor
- Outperforms all leading competitors



#### 2 REDLINK PLUS INTELLIGENCE

- Most advanced electronic system on the market for maximum performance
- Total system communication with overload protection increases tool life
- Built-in fuel gauge displays remaining charge



#### 3 REDLITHIUM CP2.0 & XC4.0 BATTERY PACKS

##### FITS M12 TOOLS

- Up to 2X run-time
- 20% more power
- Up to 2X more recharges than leading competitor
- Operates below -18°C/0°F

## New Products



**M12 FUEL**  
ProPEX® Expander Kit  
w/ 1/2" - 1" RAPID SEAL  
ProPEX® Expander Heads



**M12 FUEL**  
M12 FUEL  
High Speed Ratchet Kits



**M12 FUEL**  
M12 FUEL  
Low Speed Tire Buffer Kit



**M12 FUEL**  
M12 FUEL  
Compact Band Saw Kit



**M12 FUEL**  
M12 FUEL  
HATCHET 6" Pruning Saw Kit

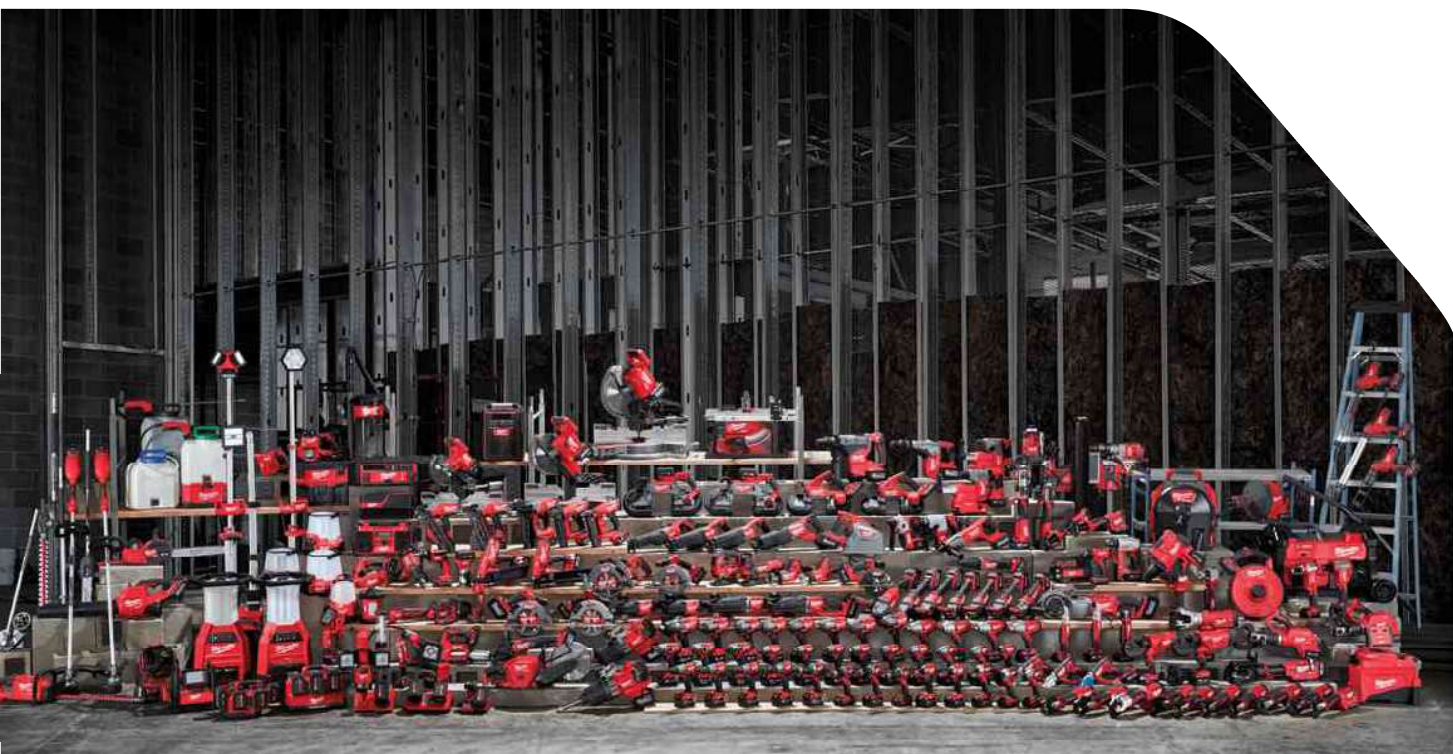


**M12**  
23 Gauge Pin Nailer Kit





## M18 CORDLESS SYSTEM



M18 FUEL  
21 Degree Framing Nailer Kit



M18 FUEL  
SAWZALL Reciprocating  
Saw Kit w/ ONE-KEY



M18 FUEL  
30 Degree Framing Nailer Kit



**PERFORMANCE DRIVEN  
TRADE FOCUSED  
SYSTEM WIDE**

**215 SOLUTIONS**

The MILWAUKEE M18 Platform continued to grow with the launch of several best-in-class additions. In the cordless nailing category, our new M18 FUEL 30 and 21 Degree Framing Nailers and 18ga ¼" Narrow Crown Stapler all deliver powerful pneumatic performance professionals expect without the hassle of a compressor, hose or gas cartridge. We also launched the quietest cordless compressor on the market with our M18 FUEL 2 Gallon Compact Quiet Compressor. In addition to expanding into new product categories, we introduced next generation innovation to our legendary M18 FUEL SAWZALL Reciprocating Saw.

## Cordless Platforms

They last longer, think faster and work harder than all other professional lithium-ion batteries. Built to withstand even the harshest environments, REDLITHIUM batteries deliver more work over the life of the battery, no matter what the job.



## Technology

Highly advanced motor technology boosts efficiency, generating more power from a compact power source. That means the ultimate performance, durability and run-time comes in a smaller, lighter package.

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### M18 FUEL



#### 1 POWERSTATE BRUSHLESS MOTOR

- MILWAUKEE designed and built brushless motor
- Outperforms all leading competitors



#### 2 REDLINK PLUS INTELLIGENCE

- Most advanced electronic system on the market for maximum performance
- Total system communication with overload protection increases tool life



#### 3 REDLITHIUM XC5.0 BATTERY PACK FITS M18 TOOLS

- Most durable pack on the market
- Over 2X more recharges than leading competitor
- Fuel gauge displays remaining charge
- Operates below -18°C/0°F



## New Products



### M18 FUEL

M18 FUEL  
1/4" Blind Rivet Tool  
w/ ONE-KEY Kit



### M18 FUEL

M18 FUEL  
4-1/2" / 5" Grinder Slide  
Switch, Lock-On Kit



### M18 FUEL

M18 FUEL  
SAWZALL Reciprocating Saw  
w/ ONE-KEY



### M18 FUEL

M18 FUEL  
1" SDS Plus Rotary Hammer  
w/ ONE-KEY Kit



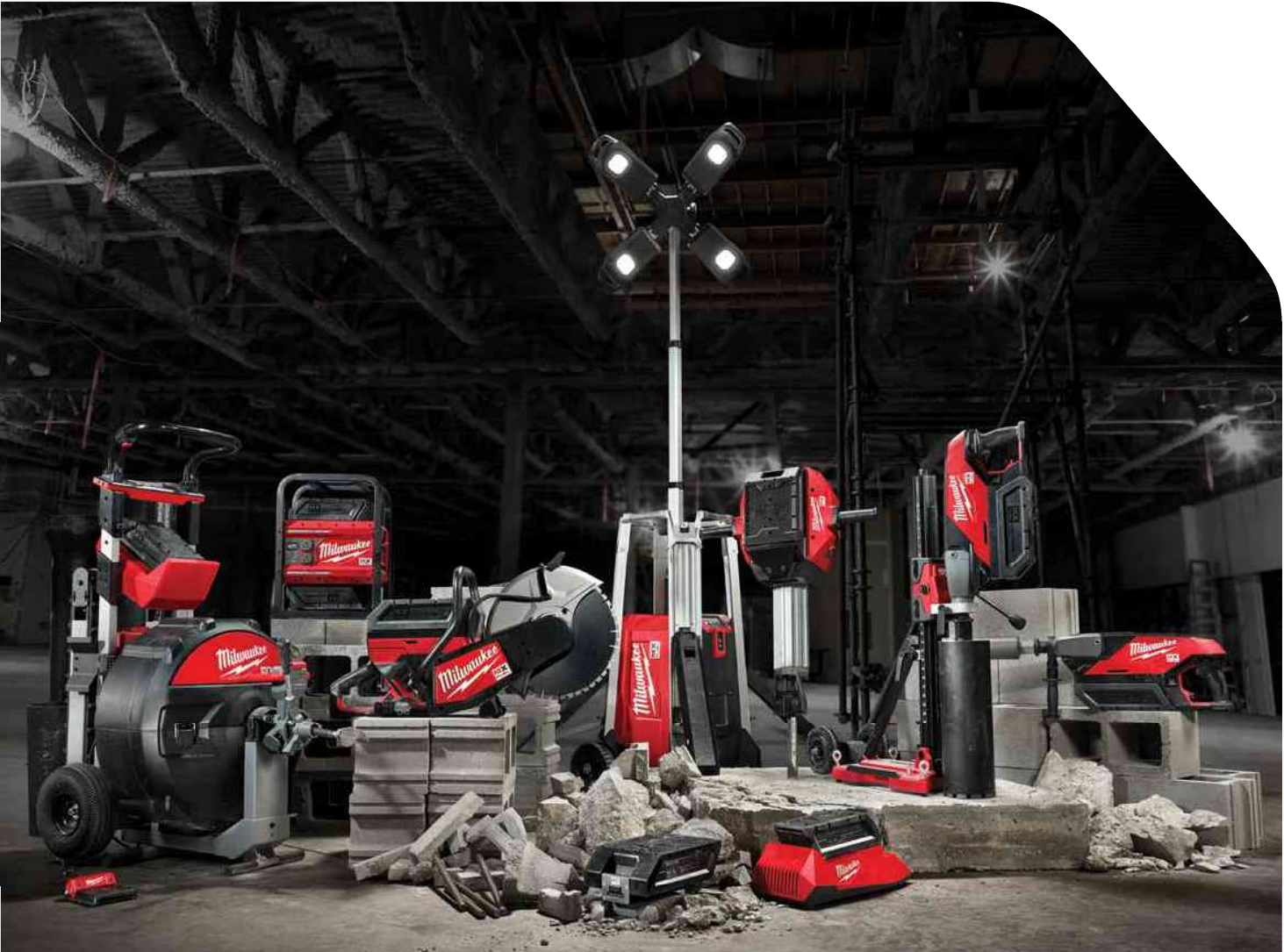
### M18 FUEL

M18 FUEL  
1" SDS Plus Rotary Hammer  
w/ ONE-KEY & HAMMERVAC  
Dedicated Dust Extractor Kit





## CORDLESS SYSTEM



### EQUIPMENT REDEFINED TRADE FOCUSED SYSTEM WIDE

With the launch of the industrial MILWAUKEE MX FUEL Equipment System, we entered the multi-billion-dollar light equipment space. This platform's disruptive cordless technology replaces traditional gas and corded power sources and has been well received by industrial users all over the world.



## Cordless Platforms

They last longer, think faster and work harder than all other professional lithium-ion batteries. Built to withstand even the harshest environments, REDLITHIUM batteries deliver more work over the life of the battery, no matter what the job.



## Technology

Highly advanced motor technology boosts efficiency, generating more power from a compact power source. That means the ultimate performance, durability and run-time comes in a smaller, lighter package.

An advanced combination of hardware and software, REDLINK intelligence enables full-circle communication between our batteries and tools, allowing for unmatched levels of performance, protection and productivity.

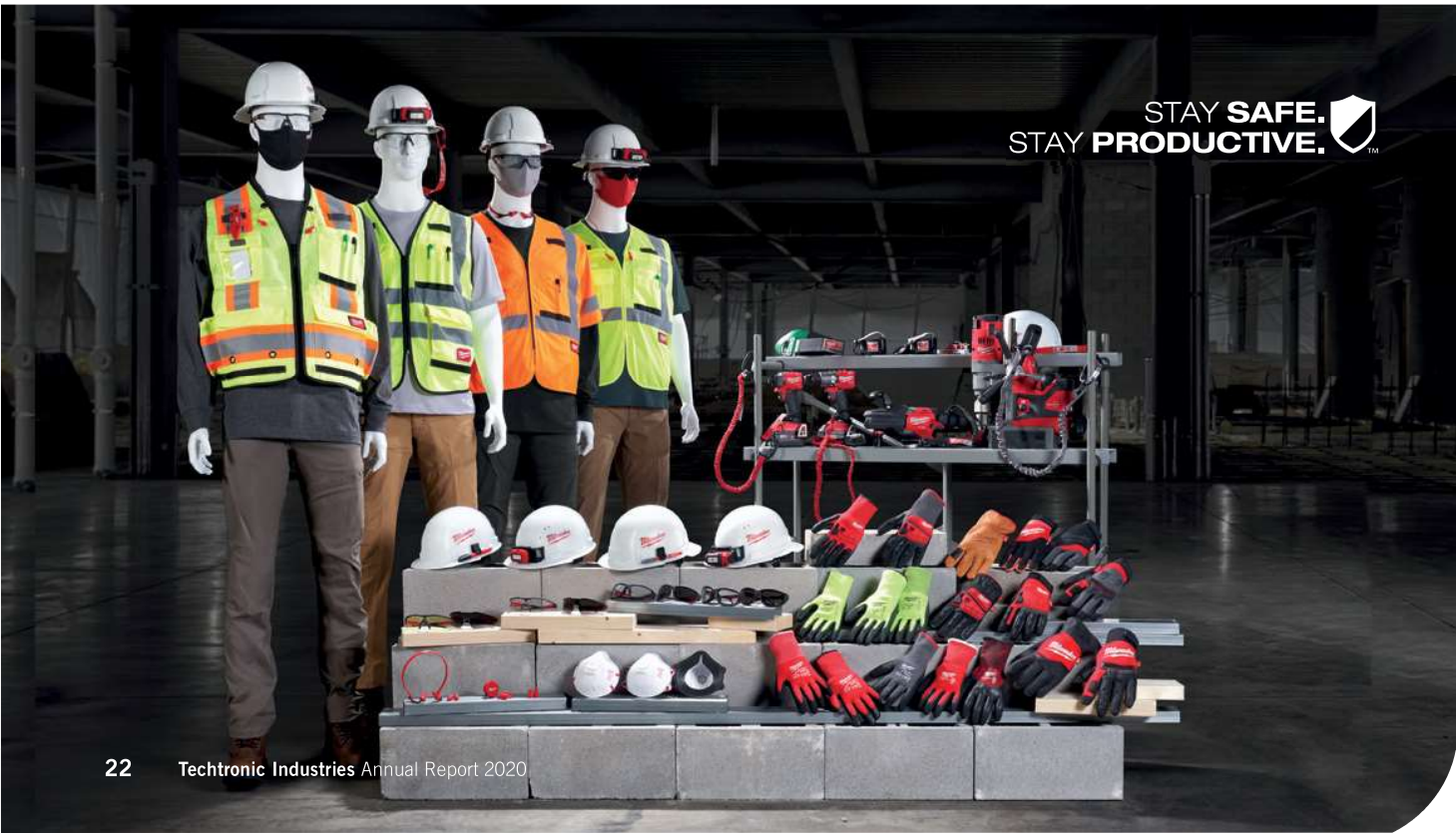


## New Products





**STORAGE AND SAFETY**



Storage

The revolutionary MILWAUKEE PACKOUT Storage System continues to expand to meet the professional's growing tool storage, transportation and organizational needs. New innovations to the system of over 36 interchangeable products include the PACKOUT Customizable Work Surface, PACKOUT 16QT Cooler, M18 PACKOUT Light/Charger and PACKOUT 2-Wheeled Cart.

New Products



PACKOUT  
2-Drawer Tool Box



PACKOUT  
3-Drawer Tool Box



PACKOUT  
Racking Kit

Safety

MILWAUKEE is committed to keeping professionals safe on the job by offering over 500 solutions in the categories of hard hats, eye protection, hearing protection, high visibility vests, respirators, and work gloves. Each PPE solution has been developed with a deep understanding of user's needs, allowing us to introduce needed innovations like fog-free safety glasses, impact rated gloves and many more.

New Products



Red 2-Layer Face Mask



3-Layer Performance Face Mask





**LASERS AND ACCESSORIES**



## M12 and REDLITHIUM USB Laser

MILWAUKEE continues to drive layout innovation with the introduction of M12 and REDLITHIUM USB Lasers. M12 Lasers deliver all-day run-time, best visibility, and faster set-up. The USB Rechargeable solutions are designed to tackle frustrations

with current alkaline-powered solutions, eliminating the dependency on disposable batteries. All MILWAUKEE lasers are engineered with a focus on power, visibility, and set-up in order to increase productivity on the jobsite.

### New Products



**M12**  
Green Laser Kit –  
Cross Line & Plumb Points



**M12**  
Green Laser Kit –  
360 Degree 3-Plane



**USB Rechargeable**  
Green Laser – 3-Point



**USB Rechargeable**  
Green Laser – Cross Line



**USB Rechargeable**  
Green Laser – Cross Line  
& Plumb Points

## SHOCKWAVE IMPACT DUTY Sockets

The new SHOCKWAVE IMPACT DUTY 6 Point Socket Lineup is available in ¼", ⅜", ½", ¾", and 1" drives. The SHOCKWAVE IMPACT DUTY Sockets provide maximum wear resistance with stamped and ink-filled size markings, making it easier for users to select the right socket for their application throughout the entire life of the socket.

Constructed with high-strength forged steel, these sockets deliver optimized performance in heavy-duty applications, and a non-slip hex geometry prevents socket and fastener rounding. For easy socket attachment and removal, the sockets are complete with a dual-hole design and ring groove.

### New Products



**12 Pc SHOCKWAVE**  
IMPACT DUTY ⅜" Drive SAE  
6 Point Standard Socket Kit



**19 Pc SHOCKWAVE IMPACT**  
DUTY ½" Drive SAE  
6 Point Deep Socket Kit



**29 Pc SHOCKWAVE**  
IMPACT DUTY ½" Drive Metric  
6 Point Deep Socket Kit





# SETTING THE BAR HIGH

RYOBI specializes in making pro-featured power tools and outdoor products truly affordable. We're the brand of choice for millions of homeowners and DIYers. Using cordless lithium-ion technology, RYOBI's 18V ONE+ Cordless System powers through almost anything to meet our consumers' needs. With 175 ONE+ tools including the new line of HP tools, RYOBI is continually innovating our products and finding their way into workshops and jobsites.

As the #1 Cordless Mower brand, RYOBI is an industry leader in the Outdoor Power Equipment category. Superior 40V tools exceed consumer's expectations by delivering GAS-LIKE POWER along with fade-free, long-lasting performance. Part of the 40V Cordless System, the new 40V HP tools and batteries are compatible with 50+ RYOBI 40V tools.



**HP**



**40V**

**40V HP**







**Remodel**



**Hobby & Craft**



**Lifestyle**



**Pro**



**Maintenance  
& Repair**



**Home Additions  
& Improvements**



**Automotive**



**Fastening**



**Outdoor Tools**



**Plumbing**



**Electrical**



**Lighting**



**Paint Prep**



**Cleaning**



**Floorcare**



**Audio**





# 18V ONE+ Cordless System



**18V ONE+**  
**The Power To Do More.**

Today, RYOBI 18V ONE+ is the #1 Consumer Power Tool brand in the world. Featuring 175 innovative product solutions, RYOBI provides the ultimate in versatility and selection to get the job done. Millions of DIY enthusiasts and pros worldwide look to ONE+ to power through almost anything – from the home to the jobsite to out in the yard or on the go, RYOBI ONE+ is the system that gives users "The Power To Do More".



Cordless Platforms

The RYOBI 18V ONE+ System features 175 innovative product solutions, giving you the ultimate in versatility and selection to get the job done. With cordless lithium-ion technology, RYOBI powers through almost anything.

From drilling, driving, cutting and fastening to lighting, plumbing, cooling and cleaning to trimming, edging, mowing and clearing, RYOBI ONE+ is the system users can rely on.



Technology

RYOBI delivers meaningful innovation through a product development process focused on meeting unmet user needs at a best-in-class value.

Quality components, motors, and lithium-ion batteries increase productivity, performance, and run-time across the expansive 18V ONE+ lineup.

End Users

- |  |  |  |
|--|--|--|
| <ul style="list-style-type: none"><li>• Remodel</li><li>• Hobby &amp; Craft</li><li>• Lifestyle</li><li>• Pro</li><li>• Maintenance &amp; Repair</li><li>• Home Additions &amp; Improvements</li></ul> | <ul style="list-style-type: none"><li>• Automotive</li><li>• Fastening</li><li>• Outdoor Tools</li><li>• Plumbing</li><li>• Electrical</li></ul> | <ul style="list-style-type: none"><li>• Lighting</li><li>• Paint Prep</li><li>• Cleaning</li><li>• Floorcare</li><li>• Audio</li></ul> |
|--|--|--|

New Products



**ONE+ HP**  
18V ONE+ HP Compact  
Brushless 1/2" Hammer Drill



18V ONE+  
3/8" Ratchet



18V ONE+  
Handheld Sprayer



18V ONE+  
Bluetooth Speaker



18V ONE+  
EZClean Power Cleaner



18V ONE+  
Precision Rotary Tool



18V ONE+ 5" Variable Speed  
Dual Action Polisher

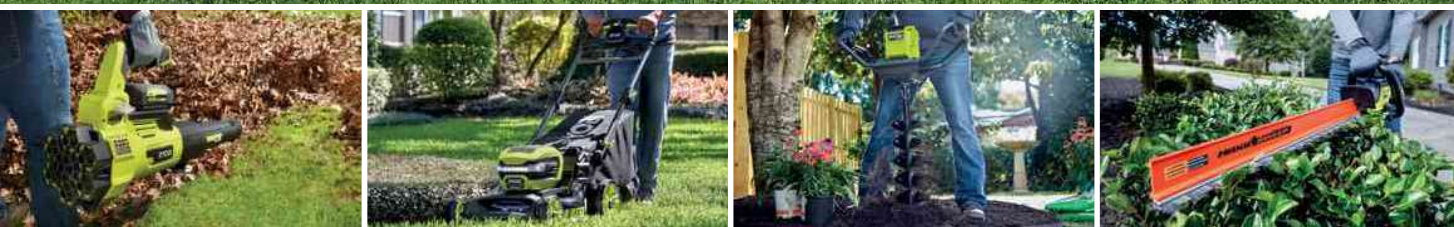


**ONE+ HP**  
18V ONE+  
HP 6" Brushless Auger





## 40V Cordless Outdoor System



# 40V

**GAS-LIKE PERFORMANCE.  
CORDLESS CONVENIENCE.**

From the #1 Cordless Lawn & Garden Brand in the world, RYOBI's 40V lineup sets the bar for performance and innovation. Our 40V Lithium tools deliver superior run-time and performance, providing consumers freedom from gas-powered outdoor equipment. Today, there are 50 innovative products in the system that can be powered by any RYOBI 40V lithium-ion battery. Our 40V system makes it convenient to transition from gas to cordless to handle all consumers' lawn and garden needs.



Cordless Platforms

The RYOBI 40V System puts the power in your hands to tackle yardwork and more demanding jobs without having to plug-in or fill-up. With 50 innovative tools and counting, each product is engineered to deliver GAS-LIKE POWER

for superior performance and fade-free run-time – from first cut to last. What’s more, our 40V lithium-ion battery fits every charger and powers every RYOBI 40V tool. It’s what you would expect from RYOBI.



Technology

RYOBI takes cordless technology to the next level with the new 40V lithium-ion and 40V HP Outdoor Series. These lithium-ion battery tools are easier to

use, more environmentally friendly, and have the power and run-time of gas to help our consumers complete all their outdoor projects.

End Users

- Do-It-Yourself Homeowners
- Garden Enthusiasts

New Products



**40V HP**  
40V HP Brushless 21" Cross Cut  
Self-Propelled Mower



**40V HP**  
40V HP Brushless  
18" Chainsaw



**40V HP**  
40V HP Brushless Carbon Fiber  
Attachment Capable String Trimmer



40V 1800 Watt Power Station



40V Brushless 21" Snow Blower



40V Brushless Backpack Blower





# 18V ONE+ & 40V Cordless Mowers



**18V ONE+**  
**40V**

As the industry's #1 Cordless Mower Brand, RYOBI has built upon our impressive product offering. We continue to invest in brushless technology – where power and performance meet cordless convenience in this next generation of mowers.



Cordless Platforms

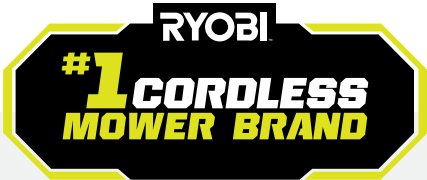
The RYOBI 18V ONE+ & 40V System Mowers use cordless lithium-ion technology and brushless technology,

which enables our users to power through their lawn care projects on a single charge.

Technology

Our new 18V ONE+ HP Brushless and 40V HP Brushless Mowers utilize advanced cordless technology and superior ergonomics to deliver high-performance equipment and

a premium user experience like never before. With brushless motor technology, our consumers achieve GAS-LIKE POWER to tackle all their lawn care needs.



18V ONE+  
13" Push Mower



ONE+ HP  
18V ONE+ HP Brushless  
16" Push Mower



40V Brushless 20"  
Push Mower



40V HP Brushless  
20" Self-Propelled Mower



40V Brushless  
21" Self-Propelled Mower



40V HP  
40V HP Brushless  
21" Cross Cut SmartTrek  
Self-Propelled Mower





## 18V ONE+ HP & 40V HP Platforms



**18V ONE+ HP 40V HP**

***High Performance. Advanced Technology.™***

RYOBI set the standard for power, performance, and innovation in its class with the introduction of the 18V ONE+ HP Brushless and 40V HP Brushless products. The High Performance (HP) tools are optimized to deliver longer run-time and more work per charge, with an ergonomic design for comfort during extended use without compromising on performance. In parallel, we harnessed the same technology to elevate our high voltage 40V lineup of products with the introduction of the 40V HP Brushless tools. The 40V HP Brushless Tools harness GAS-LIKE POWER and deliver maximum run-times without the hassle of a traditional gas unit.

## 18V ONE+ HP



18V ONE+ HP Brushless  
1/2" Hammer Drill



18V ONE+ HP Brushless  
4-Mode 1/2" Impact Wrench



18V ONE+ HP Brushless  
1" SDS-Plus Rotary Hammer



18V ONE+ HP Compact  
Brushless Cut-Off Tool



18V ONE+ HP Compact  
Brushless 3/8" Right Angle Drill



18V ONE+ HP Compact  
Brushless One-Handed  
Reciprocating Saw



18V ONE+ HP Brushless  
Blower



18V ONE+ HP Brushless  
16" Mower

## 40V HP



40V HP Brushless  
Carbon Fiber String Trimmer



40V HP Brushless  
18" Chainsaw



40V HP Brushless  
21" Cross Cut SmartTrek  
Self-Propelled Mower





## 18V ONE+ HP & 40V HP Technology



**18V ONE+ HP 40V HP**

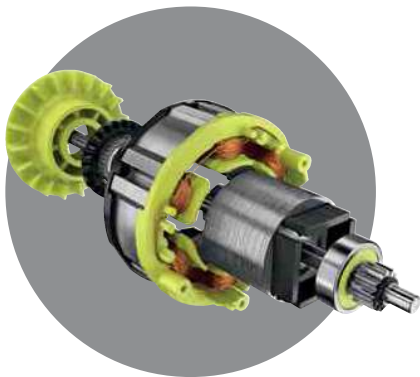
***High Performance. Advanced Technology.™***

The 18V ONE+ HP and 40V HP platforms combine high-performance brushless motors, advanced technologies, and superior ergonomics to deliver a best-in-class user experience. In other words, RYOBI's 18V ONE+ HP and 40V HP products enable DIYers, weekend warriors, homeowners, and pros alike to make more cuts and drive more screws on a single charge than ever before. The 40V HP Brushless products allow users to tackle yardwork and lawn maintenance without having to plug-in or fill-up.

Technology

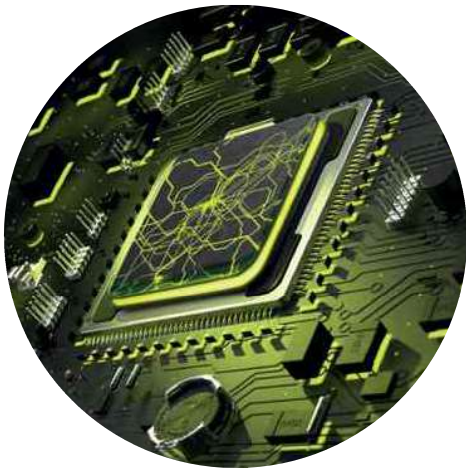
RYOBI 18V ONE+ HP and 40V HP Brushless products deliver a premium user experience through the combination of powerful brushless motors, advanced electronics, and high-performance

lithium-ion battery technology. This powerful combination allows users to get more work done per charge with increased performance.



Brushless Motor Technology

More power, longer run-time, and longer motor life. Our brushless motors give you increased performance and a premium user experience. Brushless motors not only deliver more power, they are lighter and more compact than brushed motors, allowing users to work longer and more efficiently.



Advanced Electronics

The advanced electronics in our 18V ONE+ HP tools and 18V Lithium High Performance Batteries allow users to maximize performance in all applications.

Superior Ergonomics

RYOBI designed these tools for best-in-class ergonomics, without compromising on performance.



High Performance Lithium-Ion Battery Technology

RYOBI 18V Lithium High Performance Batteries provide up to 4X run-time and 30% more power, in a lighter weight and more ergonomic design than previous generations of RYOBI 18V ONE+ batteries.

