Milwaukee®

Nothing but **HEAVY DUTY.**®

FALL 2013 CORDLESS CATALOG

M12 SYSTEM™ **M18** SYSTEM™ **M28** SYSTEM™

Milwaukee®

THE WORLD LEADER IN CORDLESS INNOVATION

M12 SYSTEM **M18** SYSTEM **M28** SYSTEM

OVER 100 JOBSITE SOLUTIONS

BY THE TRADE FOR THE TRADE

When it comes to power tools, there isn't an expert out there who knows what works better than you. Milwaukee® has a proven track record of getting out in the field to understand the demands of a constantly changing workplace. By working with our users, we're designing tools that make you more productive and help you be the best at what you do.

GAME-CHANGING SOLUTIONS

At Milwaukee®, the phrase "good enough" doesn't exist in our vocabulary. Our goal is to solve problems in ways that have never been done before. The result: tools that offer unmatched levels of performance, productivity, and life.

BUILT ON THE BEST FOUNDATION

REDLITHIUM™ BATTERIES

It lasts longer, thinks faster, and works 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.

MILWAUKEE® HIGH PERFORMANCE MOTORS

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

REDLINK™ INTELLIGENCE

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.

USER-DRIVEN INNOVATIONS

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. Whether it be through products that are first to bring power to a manual activity, or advances in fundamental tools like drills and saws, our drive to improve workplace productivity will continue to help us push the envelope of innovation and design.

M12™ ProPEX® Expansion Tool
INDUSTRY'S FASTEST PROPEX® INSTALLS

Say goodbye to the awkward, time-consuming maneuvers required to manually expand tubing. The M12™ ProPEX® Expander features an auto-rotating head and continuous expansion for quick, one-handed operation in the tightest spaces.

M18™ HACKZALL® One-Handed Recip Saw
HACKSAW CONTROL, RECIP SAW VERSATILITY

Think of it as the SAWZALL® specially balanced for one-handed use. The M18™ HACKZALL® makes clean, more accurate cuts, reducing arm fatigue while working overhead and in tight spaces thanks to lighter weight and minimal vibration.

M12™ 600 MCM Cable Cutter
HYDRAULIC FORCE, HAND TOOL PORTABILITY

The M12™ 600 MCM Cable Cutter allows tradesmen to go from a tough, manual task to a simplified, powered solution. It effortlessly slices through otherwise challenging large cables. Easily fitting in crowded panels, the M12™ Cable Cutter leaves a clean, installation-ready cut.

M12™ Copper Tubing Cutter
CUTS COPPER UP TO 10X FASTER

Highly efficient gearing allows the M12™ Copper Tubing Cutter to speed through cuts with ease. So advanced, the tool will only start a cut if it can finish it. Its unique design allows tradesmen to work faster and cut copper in tight spaces.

M12™ Heated Gear
ALL DAY HEAT IN THE HARSHEST ENVIRONMENTS

Combining our REDLITHIUM™ battery technology with state-of-the-art carbon fiber heating elements, the M12™ Heated Jacket conquers the cold both on and off the jobsite.

BATTERY TECHNOLOGY

Since introducing the world's first LITHIUM-ION cordless system in 2005, Milwaukee® has continued to lead the industry in LITHIUM-ION technology and patents. Milwaukee®'s focus on LITHIUM-ION continually drives us ahead of the competition to deliver the best battery systems in the industry. Our exclusive integration of chemistry, cell design and circuitry combines for superior output in the harshest environments.

LONGER BATTERY LIFE | **MORE** POWER | **MORE** RUN-TIME
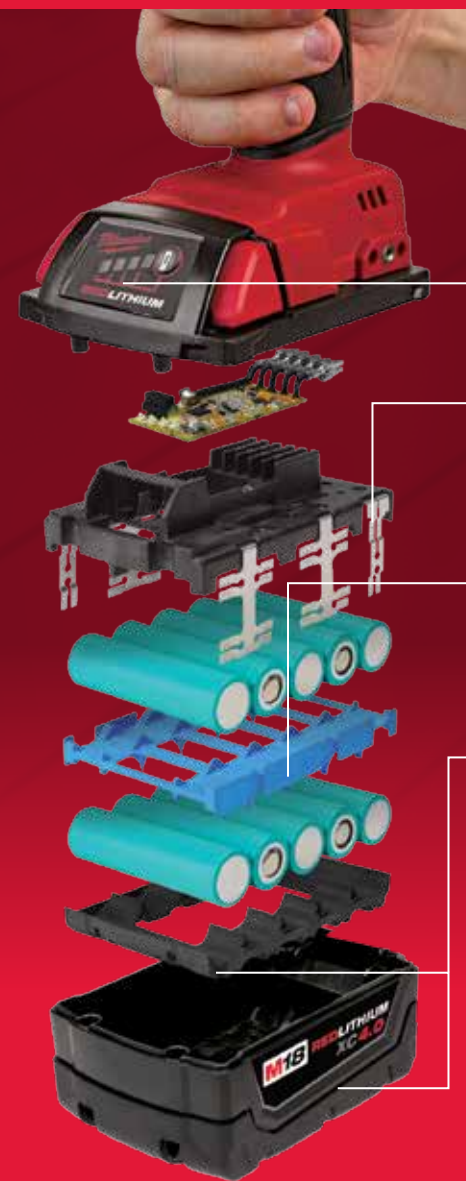
Battery Fuel Gauge

Integrated Weld Frame
Provides a strong, compact structure to securely hold cells for maximum life

Cell Separator
Prevents cell damage from vibration or drops

Impact and Vibration Protective Rubber
Protects cells and pack during drops and provides maximum life

LIFETIME ADVANTAGE

Based on 35A CC discharge over the life of the battery pack

REDLITHIUM™ Battery Packs offer more life than any other professional LITHIUM-ION or NiCd system. That means your tools will complete more work per charge and more work over the life of the battery.

POWER ADVANTAGE

Power (Voltage) / Run-Time (Watt Hours)

NiCd — LITHIUM-ION — REDLITHIUM™ XC — REDLITHIUM™ XC4.0
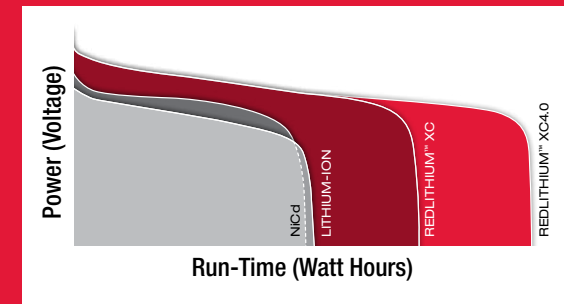
20A CC Overlay

RUN-TIME ADVANTAGE

REDLITHIUM™ XC4.0
REDLITHIUM™ XC
Standard LITHIUM-ION
NiCd

Cuts in 1/2" OSB 4' x 6' Sheet

REDLITHIUM™ 2.0/XC4.0 BATTERIES

- Up to 2X More Run-Time
- Up to 20% More Power
- Over 2X More Recharges
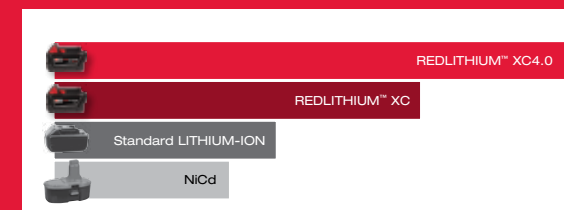
UPGRADE. OUTWORK. OUTLAST.

BRUSHLESS ADVANTAGE

The Milwaukee® POWERSTATE™ brushless motor converts energy into power and torque more efficiently, resulting in superior application performance. The POWERSTATE™ brushless motor has nearly 4X the amount of power-generating components than the competitor's brushless motor. It also features higher-grade, rare-earth magnets and greater copper content.

POWERSTATE™
Brushless Motor

VS

Competitor
Brushless Motor

LONGER MOTOR LIFE | MORE POWER | MORE RUN-TIME

LONGER LIFE

Milwaukee®
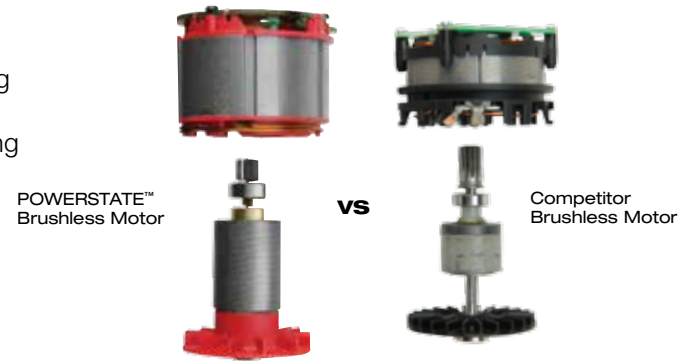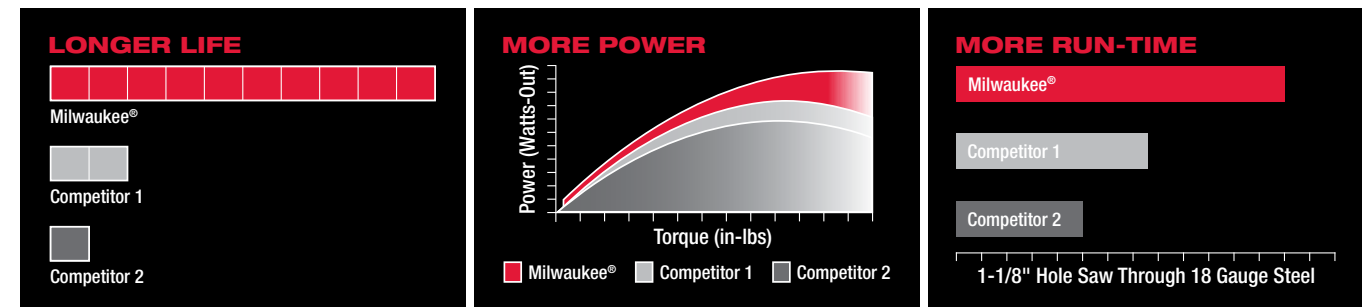
Competitor 1

Competitor 2

MORE POWER

Power (Watts-Out)

Torque (in-lbs)

■ Milwaukee® ■ Competitor 1 ■ Competitor 2

MORE RUN-TIME

Milwaukee®

Competitor 1

Competitor 2

1-1/8" Hole Saw Through 18 Gauge Steel

TOOL-SPECIFIC MOTOR DESIGN

POWERSTATE™ BRUSHLESS MOTORS
Tool-Specific Motor Design
Designed and Built by Milwaukee.® Optimized for maximum performance in all applications.

COMPETITOR BRUSHLESS MOTOR
Single Motor Platform
Designed for light applications only.

VS
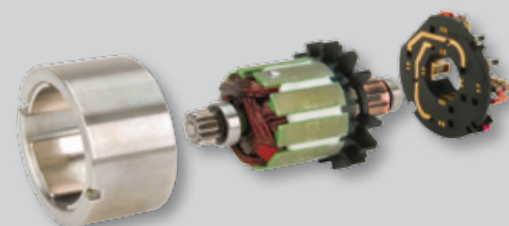
MILWAUKEE® DESIGNED 4-POLE MOTOR

When it comes to brushed motors, nothing comes close to the Milwaukee® designed 4-Pole Motor. A robust design combined with rare-earth magnets delivers high power and increased run-time in a compact design vs. standard brushed motors.

ELECTRONICS

With over 100 unique solutions in our portfolio, it's safe to say we offer tools to handle a wide variety of applications. REDLINK™ Intelligence is an advanced combination of hardware and software that delivers the precise amount of power and performance necessary for the application, leaving your investment better protected and more productive.

UNMATCHED PROTECTION | OPTIMIZED PERFORMANCE | MORE PRODUCTIVITY

OVERLOAD PROTECTION

Stalling or burning up tools is a failure of communication. Milwaukee®'s best-in-class, advanced overload protection delivers maximum performance and protection.

OPTIMIZED PERFORMANCE

Every tool has its own unique performance profile. REDLINK™ Intelligence optimizes performance for each Milwaukee® tool, taking into account the specific hardware, its application and the loads placed on it.

MORE PRODUCTIVITY

All Milwaukee® cordless tools feature a fuel gauge. This allows tradesmen to monitor remaining battery power prior to starting a job.
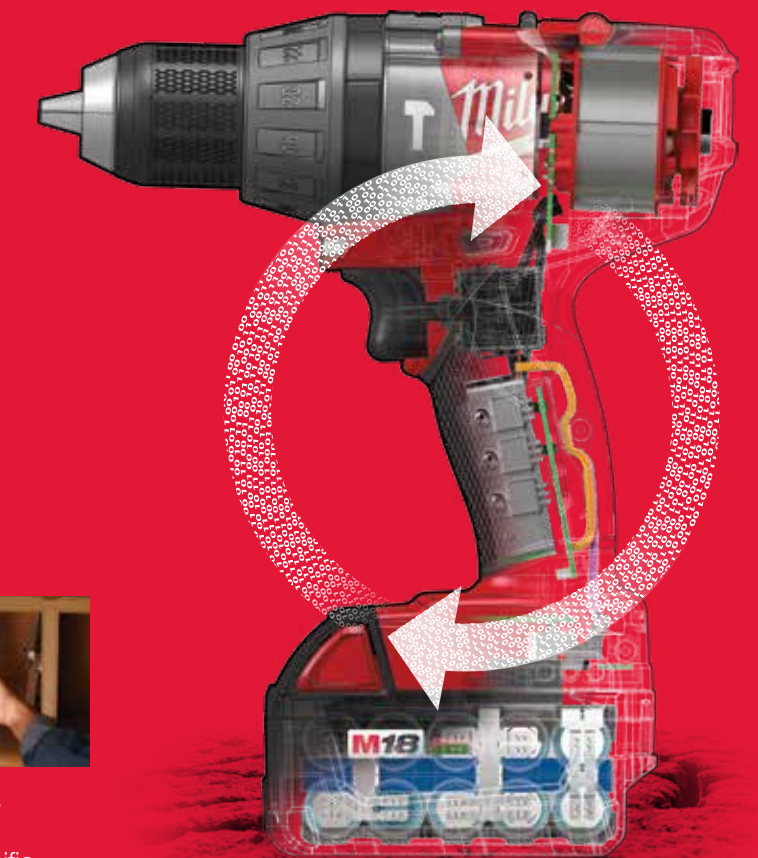
REDLINK PLUS™ INTELLIGENCE

REDLINK PLUS™ delivers more advanced communication between the tool, battery, and charger, resulting in peak application performance and protection. The upgraded electronics allow new feature sets like DRIVE CONTROL™, which allows tradesmen to go from precision work to maximum performance with the push of a button.

Proprietary 3-Mode
DRIVE CONTROL™

![Milwaukee - Nothing but HEAVY DUTY.]

M12 PORTABLE PRODUCTIVITY

The Milwaukee® M12™ cordless system delivers industry-leading durability and power in a size that outperforms the competition in the tightest places. M12™ defines cordless tool innovation, transforming inefficient manual tools – such as cable and copper tubing cutters – into advanced workhorses powered by Milwaukee®'s REDLITHIUM™ battery technology. More than 60 unique solutions make the M12™ family the largest sub-compact cordless system on the market.

The flagship of this family: the M12 FUEL™ collection – extreme-performance cordless power tools designed, engineered and built to deliver unmatched productivity. Milwaukee® affirms its industry leadership, integrating three ground-breaking technologies in a single package: a best-in-class POWERSTATE™ Brushless Motor, REDLITHIUM™ battery technology, and exclusive REDLINK PLUS™ Intelligence. M12 FUEL™ puts unrivaled durability, run-time and performance into the hands of the professional tradesman.

DRIVEN TO OUTPERFORM.™

M12 FUEL™ is engineered for the most demanding tradesmen in the world. M12 FUEL™ delivers unrivaled performance in a compact structure and features three Milwaukee®-exclusive innovations — the POWERSTATE™ Brushless Motor, REDLITHIUM™ Battery Pack, and REDLINK PLUS™ Intelligence Hardware and Software — that deliver unmatched power, run-time and durability.

Simply put, M12 FUEL™ is best-in-class, full-circle technology that drives, protects and powers your cordless tools beyond the rest.

M12 FUEL™

LONGER MOTOR LIFE | **MORE** POWER | **MORE** RUN-TIME

INCLUDED IN ALL M12 FUEL™ PRODUCTS
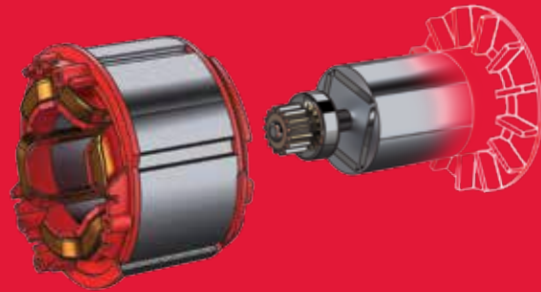
REDLITHIUM™ 2.0/XC4.0

UPGRADE.
OUTWORK. OUTLAST.

| UP TO **2X** MORE RUN-TIME | UP TO **20%** MORE POWER | OVER **2X** MORE RECHARGES |

1 POWERSTATE™ BRUSHLESS MOTOR

- Milwaukee® Designed and Built Brushless Motor
- Outperforms All Leading Competitors
- Up to 10X Longer Motor Life

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™ 2.0 & XC4.0 BATTERY PACKS

- Up to 4X Run-Time
- Up to 20% More Power
- Over 2X More Recharges than Leading Competitors
- Operates Below -18° C / 0° F

5 YEAR WARRANTY

M12 SYSTEM · FUEL

M12 FUEL
1/4" Hex 2-Speed Screwdriver Kit
2402-22 (2402-20 Tool-Only)
Specifications:

Peak Torque	325 in-lbs
RPM	0 – 450 / 0 – 1,700
Chuck Type	1/4" Hex Quick Change
Length	6-5/8"
Weight	2.3 lbs

Includes: (2) M12™ REDLITHIUM™ 2.0 Battery Packs, Belt Clip, Charger, Carrying Case

M12™ 1/4" Hex Screwdriver Kit
2401-22 (2401-20 Tool-Only)
Specifications:

Peak Torque	175 in-lbs
RPM	0 – 500
Chuck Type	1/4" Hex Quick Change
Length	7"
Weight	2.0 lbs

Includes: (2) M12™ REDLITHIUM™ Compact Battery Packs, Charger, Soft Carrying Case

M12 FUEL
1/2" Hammer Drill/Driver Kit
2404-22 (2404-20 Tool-Only)
Specifications:

Peak Torque	350 in-lbs
RPM	0 – 450 / 0 – 1,700
BPM	0 – 25,500
Chuck Type	1/2" Metal Single Sleeve
Length	7-5/8"
Weight	3.0 lbs

Includes: (1) M12™ REDLITHIUM™ XC4.0 Battery Pack, (1) M12™ REDLITHIUM™ 2.0 Battery Pack, Belt Clip, Charger, Carrying Case

M12™ 3/8" Right Angle Drill/Driver Kit
2415-21 (2415-20 Tool-Only)
Specifications:

Peak Torque	100 in-lbs
RPM	0 – 800
Clutch Settings	11 Settings plus Drill Mode
Chuck Type	3/8" Single Sleeve
Head Profile	3-3/4"
Weight	2.4 lbs

Includes: (1) M12™ REDLITHIUM™ Compact Battery Pack, Charger, Soft Carrying Case

M12™ 1/4" Hex Screwdriver Kit
2406-22 (2401-20 Tool-Only)
Specifications:

Peak Torque	275 in-lbs
RPM	0 – 400 / 0 – 1,500
Chuck Type	1/4" Hex Quick Change
Length	6-3/4"
Weight	2.4 lbs

Includes: (2) M12™ REDLITHIUM™ Compact Battery Packs, Charger, Soft Carrying Case

M12™ 3/8" Drill/Driver Kit
2407-22 (2407-20 Tool-Only)
Specifications:

Peak Torque	275 in-lbs
RPM	0 – 400 / 0 – 1,500
Chuck Type	3/8" Metal Single Sleeve
Length	7-3/8"
Weight	2.6 lbs

Includes: (2) M12™ REDLITHIUM™ Compact Battery Packs, Charger, Carrying Case

M12 FUEL
1/2" Drill/Driver Kit
2403-22 (2403-20 Tool-Only)
Specifications:

Peak Torque	350 in-lbs
RPM	0 – 450 / 0 – 1,700
Chuck Type	1/2" Metal Single Sleeve
Length	7-3/4"
Weight	2.9 lbs

Includes: (1) M12™ REDLITHIUM™ XC4.0 Battery Pack, (1) M12™ REDLITHIUM™ 2.0 Battery Pack, Belt Clip, Charger, Carrying Case

M12™ 3/8" Hammer Drill/Driver Kit
2408-22 (2408-20 Tool-Only)
Specifications:

Peak Torque	275 in-lbs
RPM	0 – 400 / 0 – 1,500
BPM	0 – 22,500
Chuck Type	3/8" Metal Single Sleeve
Length	7-1/2"
Weight	2.7 lbs

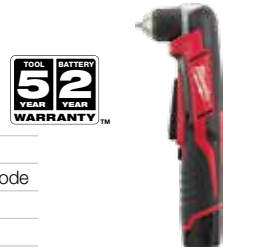**Includes:** (2) M12™ REDLITHIUM™ Compact Battery Packs, Charger, Carrying Case

M12 FUEL
1/4" Hex Impact Driver Kit
2453-22 (2453-20 Tool-Only)
Specifications:

Fastening Torque (2 Modes)	175 / 1,200 in-lbs
IPM	0 – 3,550
RPM (2 Modes)	0 – 1,200 / 0 – 2,650
Chuck Type	1/4" Hex Quick Change
Length	6"
Weight	2.3 lbs

Includes: (2) M12™ REDLITHIUM™ 2.0 Battery Packs, Belt Clip, Charger, Carrying Case

Proprietary 2-Mode DRIVE CONTROL™ Available on all M12 FUEL™ Impacts

M12™ 1/4" Hex Impact Driver Kit
2462-22 (2462-20 Tool-Only)
Specifications:

Fastening Torque	1,000 in-lbs
IPM	0 – 3,300
RPM	0 – 2,500
Chuck Type	1/4"
Length	6-1/2"
Weight	2.3 lbs

Includes: (2) M12™ REDLITHIUM™ Compact Battery Packs, Charger, Carrying Case

M12 FUEL
1/4" Impact Wrench Kit
2452-22 (2452-20 Tool-Only)
Specifications:

Fastening Torque (2 Modes)	10 / 42 ft-lbs
IPM	0 – 4,000
RPM (2 Modes)	0 – 1,200 / 0 – 2,650
Anvil	1/4" Friction Ring
Length	5-3/4"
Weight	2.1 lbs

Includes: (2) M12™ REDLITHIUM™ 2.0 Battery Packs, Belt Clip, Charger, Carrying Case

M12™ 1/4" Impact Wrench Kit
2461-22 (2461-20 Tool-Only)
Specifications:

Fastening Torque	38 ft-lbs
IPM	0 – 3,800
RPM	0 – 2,500
Anvil	1/4" Friction Ring
Length	6"
Weight	2.1 lbs

Includes: (2) M12™ REDLITHIUM™ Compact Battery Packs, Charger, Carrying Case

M12 FUEL
3/8" Impact Wrench Kit
2454-22 (2454-20 Tool-Only)
Specifications:

Fastening Torque (2 Modes)	17 / 117 ft-lbs
IPM	0 – 3,500
RPM (2 Modes)	0 – 1,200 / 0 – 2,650
Anvil	3/8" Friction Ring
Length	6-1/4"
Weight	2.4 lbs

Includes: (2) M12™ REDLITHIUM™ 2.0 Battery Packs, Belt Clip, Charger, Carrying Case

M12™ 3/8" Impact Wrench Kit
2463-22 (2463-20 Tool-Only)
Specifications:

Fastening Torque (2 Modes)	1,200 in-lbs / 100 ft-lbs
IPM	0 – 3,300
RPM	0 – 2,500
Chuck Type	3/8" Friction Ring
Length	6-1/2"
Weight	2.3 lbs

Includes: (2) M12™ REDLITHIUM™ Compact Battery Packs, Charger, Carrying Case

M12™ 1/4" Ratchet Kit
2456-21 (2456-20 Tool-Only)
Specifications:

Fastening Torque	30 ft-lbs
RPM	0 – 250
Anvil	1/4" Ball Detent
Head Profile	3/4"
Length	10-3/4"
Weight	1.9 lbs

Includes: (1) M12™ REDLITHIUM™ Compact Battery Pack, Charger, Soft Carrying Case

M12™ 3/8" Ratchet Kit
2457-21 (2457-20 Tool-Only)
Specifications:

Fastening Torque	35 ft-lbs
RPM	0 – 250
Anvil	3/8" Ball Detent
Head Profile	3/4"
Length	10-3/4"
Weight	1.9 lbs

Includes: (1) M12™ REDLITHIUM™ Compact Battery Pack, (1) 3/8" to 1/4" Adapter, Charger, Soft Carrying Case

M12 FUEL
5/8" SDS Plus Rotary Hammer Kit
2416-22XC (2416-20 Tool-Only)
Specifications:

RPM	0 – 900
BMP	0 – 6,200
Chuck Type	SDS Plus
2 Mode Operation	Rotary Hammer and Rotation Only
Length	10"
Weight	3.9 lbs

Includes: (2) M12™ REDLITHIUM™ XC4.0 Extended Capacity Battery Packs, Charger, Carrying Case
Compatible with 2306-22 M12™ HAMMERVAC™ Universal Dust Extractor

1/2" SDS Plus Rotary Hammer Kit
2412-22XC (2412-20 Tool-Only)
Specifications:

RPM	0 – 800
BPM	0 – 5,350
Chuck Type	SDS Plus
2 Mode Operation	Rotary Hammer and Rotation Only
Length	9"
Weight	3.9 lbs

Includes: (2) M12™ REDLITHIUM™ XC Extended Capacity Battery Packs, Charger, Carrying Case
Compatible with 2306-22 M12™ HAMMERVAC™ Universal Dust Extractor

M12™ Palm Nailer Kit
2458-21 (2458-20 Tool-Only)
Specifications:

Impact Energy	2.2 ft-lbs (3.0J)
BPM	0 – 2,700
Collet Capacity	6D – 16D
Head	3/4" Low Profile
Magnetic Tip	Yes
Weight	3.4 lbs

Includes: (1) M12™ REDLITHIUM™ Compact Battery Pack, Hand Strap, Charger, Soft Carrying Case

M12™ HAMMERVAC™ Universal Dust Extractor
2306-22 (2306-20 Tool-Only)

CERTIFIED HEPA FILTER

INDUSTRY'S ONLY UNIVERSAL DUST EXTRACTOR

Specifications:

Universal Handle System	Compatible with Major Brands of SDS Plus Rotary Hammers and AC & DC Hammer Drills
Replaceable Certified HEPA Filter	Filters 99.97% of Debris 0.3 Microns and Above
Self-Powered by M12™ REDLITHIUM™ Battery Pack	No Cords or Hoses for Maximum Portability
3-Mode Switch	Yes (Auto-on and Auto-off w/Delay)
Max Bit Size	5/8"
Weight	3.3 lbs

Includes: (2) M12™ REDLITHIUM™ Compact Battery Packs, (3) Side Handle Collars, Side Handle Grip, Nozzle, Charger, Carrying Case

M12™ Rotary Tool Kit
2460-21 (2460-20 Tool-Only)
Specifications:

Speed Settings	6
RPM	5,000 – 32,000
Collet	1/8", Universal
Length	9-1/2"
Weight	1.3 lbs

Includes: (1) M12™ REDLITHIUM™ Compact Battery Pack, (5) Cutting Wheels, (1) Mandrel, (1) Wrench, Charger, Soft Carrying Case
Related Accessory:
49-94-1500 – 5 Pc Reinforced Cut-Off Wheels

M12™ HACKZALL® Recip Saw Kit
2420-22, 2420-21 (2420-20 Tool-Only)
Specifications:

SPM	0 – 3,000
Stroke Length	1/2"
Blade Clamp	QUIK-LOK® (Accepts all SAWZALL® Blades)
Length	11"
Weight	2.6 lbs

Includes: 2420-22 (2) M12™ REDLITHIUM™ Compact Battery Packs, (2) HACKZALL® Blades, Charger, Contractor Bag; 2420-21 Includes (1) M12™ REDLITHIUM™ Compact Battery Pack

M12™ 600 MCM Cable Cutter Kit
2472-21XC (2472-20 Tool-Only)
Specifications:

Cut Capacity	600 MCM Copper, 750 MCM Aluminum, 1-3/16" Communication Cable
Jaw Opening	1-7/16"
Two-Speed	Yes
Length	10-1/2"
Weight	6.9 lbs

Includes: (1) M12™ REDLITHIUM™ XC Extended Capacity Battery Pack, Multi-Voltage Charger, Carrying Case
Related Accessory:
48-44-0410 – M12™ 600 MCM Cable Cutter Blade

M12™ Multi-Tool Kit
2426-22, 2426-21 (2426-20 Tool-Only)
Specifications:

Speed Settings	12
OPM	5,000 – 20,000
Universal Accessory Adapter	Yes
Length	10-7/8"
Weight	2.1 lbs

Includes: 2426-22 (2) M12™ REDLITHIUM™ Compact Battery Packs, (1) Accessory Adapter, (1) Wood Cutting Blade, (1) Sanding Pad, (5) Assorted Sanding Sheets, Charger, Contractor Bag; 2426-21 Includes (1) M12™ REDLITHIUM™ Compact Battery Pack

M12™ High Performance Jig Saw Kit
2445-21 (2445-20 Tool-Only)
Specifications:

SPM	0 – 2,800
Stroke Length	3/4"
Bevel Capacity	45° (Positive Locks at 90° and 45°)
Blade Clamp	QUIK-LOK® T-Shank
Length	8-3/4"
Weight	4.2 lbs

Includes: (1) M12™ REDLITHIUM™ Compact Battery Pack, (1) Milwaukee® 10 TPI Wood Cutting T-Shank Jig Saw Blade, (1) Anti-Splintering Insert, (1) Non-Marring Shoe, Charger, Contractor Bag

M12™ Sub-Compact Band Saw Kit
2429-21XC (2429-20 Tool-Only)
Specifications:

SFPM	280
Blade Size	27"
Cut Capacity	1-5/8" x 1-5/8"
Length	12"
Weight	6.7 lbs

Meets OSHA Guarding Requirements. Suitable for One-Handed Use.

Includes: (1) M12™ REDLITHIUM™ XC Extended Capacity Battery Pack, (1) 18 TPI Sub-Compact Portable Band Saw Blade, Charger, Carrying Case
Related Accessory:
48-39-0572 – 18 TPI Sub-Compact Portable Band Saw Blades (3 Pack)

Milwaukee logo

Nothing but **HEAVY DUTY.**®

PORTABLE PRODUCTIVITY M12

M12™ Copper Tubing Cutter Kit
2471-22, 2471-21 (2471-20 Tool-Only)
Specifications:

Cut Capacity	3/8" – 1" (1/2" – 1-1/8" O.D.)
Tubing Type	M, L, and K Copper
RPM	500
Length	14"
Weight	3.2 lbs

Includes: 2471-22 (2) M12™ REDLITHIUM™ Compact Battery Packs, Charger, Carrying Case; **2471-21** Includes (1) M12™ REDLITHIUM™ Compact Battery Pack

Related Accessory:
48-38-0010 – Copper Cutter Wheel (2 Pack)

M12™ PVC Shear Kit
2470-21 (2470-20 Tool-Only)
Specifications:

Cut Capacity	Up to 2" PVC (2-3/8" O.D.)
Torque	1,900 in-lbs
Blade	3mm Reinforced Stainless Steel
Length	14-3/8"
Weight	4.7 lbs

Includes: (1) M12™ REDLITHIUM™ Compact Battery Pack, Charger, Carrying Case

Related Accessory:
48-44-0400 – M12™ PVC Shear Blade

M12™ FORCE LOGIC™ Press Tool Kit
2473-22 (2473-20 No Jaw Kit)
Specifications:

|	
Capacity	1/2" – 1-1/4" CU
Calibration Interval	32,000 Cycles (LED Indicator)
Approximate Cycle Time	5 Seconds
Press Force	5,400 lbs
Length	12-3/4"
Weight	3.8 lbs

Includes: 2473-22 (2) M12™ REDLITHIUM™ Compact Battery Packs, (3) Jaws 1/2" – 1", Charger, Carrying Case; **2473-20** Includes No Jaws

M12™ FORCE LOGIC™ Jaws
Sizes:

49-16-2450	M12™ 1/2" Compact Jaw
49-16-2451	M12™ 3/4" Compact Jaw
49-16-2452	M12™ 1" Compact Jaw
49-16-2453	M12™ 1-1/4" Compact Jaw
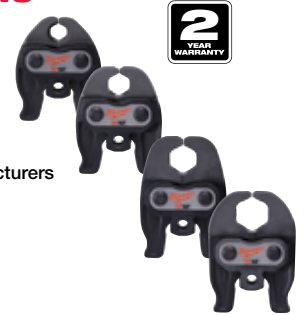
Designed for use with all major fitting manufacturers
Jaws compatible with 2473-20 M12™ Press Tool

M12™ ProPEX® Expansion Tool Kit
2432-22 (2432-20 Tool-Only)
Specifications:

Capacity	3/8" – 1"
Stroke Length	14mm
Speed	60 SPM
Head Compatibility	3/8" – 1" M12™ / Uponor
Head Rotation	Built-in Auto Rotator

Includes: (2) M12™ REDLITHIUM™ Compact Battery Packs, (1) 1/2" Expansion Head, (1) 3/4" Expansion Head, (1) 1" Expansion Head, Grease, Charger, Carrying Case

M12™ ProPEX® Accessory Heads
Sizes:

49-16-2403	M12™ 3/8" Expansion Head
49-16-2404	M12™ 1/2" Expansion Head
49-16-2405	M12™ 5/8" Expansion Head
49-16-2406	M12™ 3/4" Expansion Head
49-16-2408	M12™ 1" Expansion Head

Compatible with both M12™ and M18™ ProPEX® Expansion Tools, and most Uponor Tools
ProPEX® is a registered trademark of Uponor, Inc.

M12™ No-Hub Driver Kit
2455-22 (2455-20 Tool-Only)
Specifications:

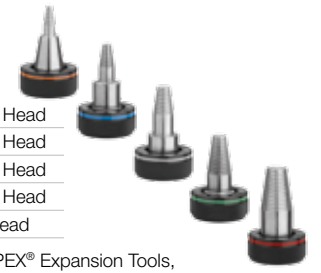|	
Torque Settings	60 in-lbs / 80 in-lbs / Drill Mode
RPM	0 – 750
Chuck Type	1/4" Hex
Calibration Interval	25,000 Cycles (LED Indicator)
Weight	2.7 lbs

Includes: (2) M12™ REDLITHIUM™ Compact Battery Packs, (3) SHOCKWAVE™ Nut Drivers (1/4", 5/16", 3/8"), Charger, Carrying Case

M12™ 10 oz Caulk and Adhesive Gun Kit
2441-21 (2441-20 Tool-Only)
Specifications:

Force	400 lbs
Inches Per Minute	0 – 29
Speed Settings	6
Auto-Reverse Anti-Drip	Yes
Weight	4.1 lbs

Includes: (1) M12™ REDLITHIUM™ Compact Battery Pack, (1) 10 oz Carriage, (1) M12™ Plunger Rod and Piston Assembly, Charger

M12™ Caulk Gun Accessories

48-08-0900	M12™ 10 oz Caulk and Adhesive Gun Conversion Kit
48-08-0905	M12™ 20 oz Aluminum Barrel Sausage Style Caulk and Adhesive Gun Conversion Kit
48-08-0910	M12™ Quart Caulk and Adhesive Gun Conversion Kit
48-08-1091	20 oz Aluminum Barrel Kit
48-08-1096	20 oz Clear Barrel Kit
31-12-0700	Caulk Gun Nozzle – Black

M12™ 20 oz Aluminum Barrel Sausage Style Caulk and Adhesive Gun Kit
2442-21
Specifications:

Force	400 lbs
Inches Per Minute	0 – 29
Speed Settings	6
Auto-Reverse Anti-Drip	Yes
Weight	4.9 lbs

Includes: (1) M12™ REDLITHIUM™ Compact Battery Pack, (1) 20 oz Aluminum Sausage Style Barrel, (1) M12™ 20 oz Plunger Rod and Piston Assembly, Nozzle, Charger

M12™ Quart Caulk and Adhesive Gun Kit
2444-21
Specifications:

Force	400 lbs
Inches Per Minute	0 – 29
Speed Settings	6
Auto-Reverse Anti-Drip	Yes
Weight	5.5 lbs

Includes: (1) M12™ REDLITHIUM™ Compact Battery Pack, (1) Quart Carriage, (1) M12™ Quart Plunger Rod and Piston Assembly, Charger

M12™ Grease Gun Kit
2446-21XC (2446-20 Tool-Only)
Specifications:

Output Pressure	Over 8,000 PSI
Run-Time	Up to 7 Grease Cartridges Per Charge
Grease Capacity	14 oz Cartridge, 16 oz Bulk, 16 oz Suction
Air Bleeder Valve	Yes
Weight	7.2 lbs

Includes: (1) M12™ REDLITHIUM™ XC Extended Capacity Battery Pack, (1) 36" Flex Hose with Spring Guard, (1) Grease Coupler, Charger, Carrying Case

Nothing but HEAVY DUTY.®

M12™ M-SPECTOR 360™ Rotating Inspection Scope
2313-21 (2313-20 Tool-Only)

Specifications:

Screen Size	2.7" High-Resolution LCD
Display Resolution	320 x 240
Camera Head Diameter	9mm (0.35")
Cable Length	3'
LED Brightness	4 LEDs, 5 Settings

Includes: (1) M12™ REDLITHIUM™ Compact Battery Pack, Hook, Magnet, Mirror Attachments, Charger, Carrying Case

M12™ M-SPECTOR 360™ 9 ft Rotating Inspection Scope Kit
2314-21

Specifications:

Screen Size	2.7" High-Resolution LCD
Display Resolution	320 x 240
Camera Head Diameter	9mm (0.35")
Cable Length	9'
LED Brightness	4 LEDs, 5 Settings

Includes: (1) M12™ REDLITHIUM™ Compact Battery Pack, Hook, Magnet, Mirror Attachments, Pipe Guide, Charger, Carrying Case

M12™ M-SPECTOR™ AV Multimedia Camera Kit (17mm) 2311-21

Specifications:

Screen Size	3.5" LCD
Display Resolution	320 x 240
Camera Head Diameter	17mm (0.7")
Cable Length	3'
Adjustable Image Zoom	4X
LED Brightness	4X

Includes: (1) M12™ REDLITHIUM™ Compact Battery Pack, 17mm Camera Cable, 2GB Memory Card, USB Cable, Charger, Carrying Case

M12™ M-SPECTOR™ AV Multimedia Camera Kit (9mm) 2312-21

Specifications:

Screen Size	3.5" LCD
Display Resolution	320 x 240
Camera Head Diameter	9mm (0.35")
Cable Length	3'
Adjustable Image Zoom	4X
LED Brightness	4X

Includes: (1) M12™ REDLITHIUM™ Compact Battery Pack, 9mm Camera Cable, 4GB Memory Card, USB Cable, Charger, Carrying Case

M12™ M-SPECTOR 360™ Accessories

Items:

48-53-0112	Accessory 3-Pack (Includes Hook, Mirror, Magnet Attachment)	
48-53-0113	Pipe Guide Accessory	

M12™ M-SPECTOR™ AV Accessories

Items:

48-53-0125	(17mm) AV 3' Replacement Digital Camera Cable
48-53-0130	(9mm) AV 3' Replacement Analog Camera Cable
48-53-0141	AV 3' Extension Cable
48-53-0140	AV 8' Extension Cable

M12™ 160x120 Thermal Imager
2260-21, NIST Certified 2260-21NST

Specifications:

Thermal Resolution	160 x 120
Temperature Range	14° to 662° F (-10° to 350° C)
Temperature Accuracy	±2% (±2° C)
Color Palettes	Iron, Rainbow, Gray
Visual Camera	Yes
Screen Size	3.5" LCD

Includes: (1) M12™ REDLITHIUM™ Compact Battery Pack, Thermal Imager Report Software, 2GB SD Card, (1) USB Cable, (1) SD Card Reader, Quick Reference Card, Statement of Calibration, Charger, Carrying Case

M12™ LASER TEMP-GUN™ Thermometer Kit
2276-21, NIST Certified 2276-21NST (2276-20, 2276-20NST Tool-Only)

Specifications:

Temperature Range	-22° to 1,472° F (-30° to 800° C)
Temperature Accuracy	1.5%
Distance to Spot	40:1
Contact Temperature Range	-40° to 1,022° F (-40° to 550° C)
Ambient Humidity / Dew Point Measurement	No
Display Resolution	0.1° C, 0.1° F

Includes: (1) M12™ REDLITHIUM™ Compact Battery Pack, (1) K-Type Thermocouple, Manual, Charger, Carrying Case

M12™ LASER TEMP-GUN™ Thermometer for HVAC/R Kit
2277-21, NIST Certified 2277-21NST (2277-20, 2277-20NST Tool-Only)

Specifications:

Temperature Range	-22° to 1,472° F (-30° to 800° C)
Temperature Accuracy	1.5%
Distance to Spot	40:1
Contact Temperature Range	-40° to 1,022° F (-40° to 550° C)
Ambient Humidity / Dew Point Measurement	Yes
Display Resolution	0.1° C, 0.1° F

Includes: (1) M12™ REDLITHIUM™ Compact Battery Pack, (1) K-Type Thermocouple, Manual, Charger, Carrying Case

M12™ SUB-SCANNER™ Detection Tool Kit
2291-21 (2291-20 Tool-Only)

Specifications:

Detects Rebar in Concrete	Yes
Depth (Metal)	6"
Ferrous / Non-Ferrous Differentiation	Yes
Depth (Stud)	1-1/2"
Stud Edges & Center	Yes
Push-Button Calibration	Yes

Includes: (1) M12™ REDLITHIUM™ Compact Battery Pack, Charger, Carrying Case

M12™ LED Work Light
49-24-0146

Specifications:

Light Type	LED
Lumens	86
Hands Free	Integrated Magnet
Head Rotation	90°

Battery and Charger Sold Separately

M12™ LED Stick Light
2351-20

Specifications:

Light Type	LED
Lumens	220
Hands Free	Multi-Position Stainless Steel Hook
Length	9-1/4"
Weight	0.6 lbs

Battery and Charger Sold Separately

Related Accessory:
49-24-2351 – M12™ Stick Light Magnet
Compatible with Milwaukee® M12™ LED Stick Light (2351-20).
Holds light to metal surfaces for hands free use.

M12™ 2-Beam Plumb Laser Kit
2320-21 (2320-20 Tool-Only)

Specifications:

Accuracy	1/4" at 100'
Leveling Range	±4°
Laser Power	<1mW
Out of Level Indicator	Yes
Magnetic Base	Yes

Includes: (1) M12™ REDLITHIUM™ Compact Battery Pack, Charger, Carrying Case

M12™ Tool Holster
2335-20

Specifications:

Material	Heavy Duty Nylon
On-Board Bit Storage	Yes
Weight	0.3 lbs

Designed to fit most M12™ Drilling and Fastening Tools

REDLITHIUM™ 2.0/XC4.0

- Up to 2X More Run-Time
- Up to 20% More Power
- Over 2X More Recharges

M12™ REDLITHIUM™ 2.0 Battery Pack
48-11-2420

Specifications:

Amp Hours	2.0
Cell Chemistry	LITHIUM-ION
Charge Time	45 minutes

2 YEAR WARRANTY

M12™ REDLITHIUM™ XC4.0 Battery Pack
48-11-2440

Specifications:

Amp Hours	4.0
Cell Chemistry	LITHIUM-ION
Charge Time	90 minutes

3 YEAR WARRANTY

REDLITHIUM™ RUN-TIME ADVANTAGE

REDLITHIUM™ XC4.0				
REDLITHIUM™ XC				
			Standard High Capacity LITHIUM-ION	
REDLITHIUM™ 2.0				
REDLITHIUM™				
		Standard Compact LITHIUM-ION		
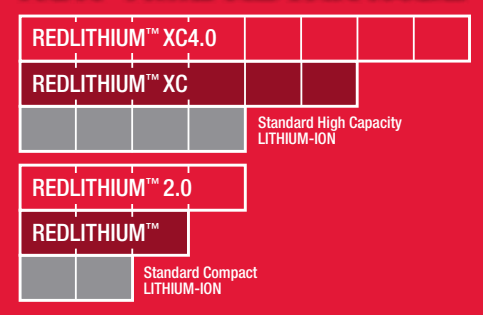
M12™ REDLITHIUM™ Compact Battery Pack
48-11-2401

Specifications:

Amp Hours	1.5
Cell Chemistry	LITHIUM-ION
Charge Time	30 minutes

2 YEAR WARRANTY

2-Pack Available
48-11-2411

M12™ REDLITHIUM™ XC Extended Capacity Battery Pack
48-11-2402

Specifications:

Amp Hours	3.0
Cell Chemistry	LITHIUM-ION
Charge Time	60 minutes

3 YEAR WARRANTY

2-Pack Available
48-11-2412

M12™ Jobsite Radio
2590-20

Specifications:

Tuner	Digital Reception with Signal Processor
Modes	AM/FM/AUX
Weight	3.5 lbs
Auxiliary Input	1/8" Stereo Jack
Powered By	All M12™ Batteries / AC Adapter

Batteries Sold Separately

Includes: (1) Auxiliary Input Cord, (1) AC Adapter, (2) AAA Batteries (for memory backup)

iPod MP3

M12™ Power Source
49-24-2310

Specifications:

On-Board Fuel Gauge	Yes
Powered By	All M12™ Batteries
2.1 Amp USB Port	Universal Charging for Smart Phones, Tablets, and Other Portable Electronic Devices

Batteries Sold Separately

Powers all Milwaukee® M12™ Heated Gear

M12™ LITHIUM-ION Battery Charger*
48-59-2401

Integrated Hang-Holes	Yes
On-Board Indicator Light	Yes
Cell Voltage Monitoring	Yes

5 YEAR WARRANTY

M12™ AC/DC Wall & Vehicle Charger*
2510-20

Integrated Hang-Holes	Yes
On-Board Indicator Light	Yes
Cell Voltage Monitoring	Yes

*Compatible with All M12™ Batteries

5 YEAR WARRANTY

M12™ and M18™ Multi-Voltage Charger
48-59-1812

Specifications:

Compatibility	All M12™ and M18™ Batteries
Charge Sequence	Sequential (First In, First Charged)
Integrated Hang-Holes	Yes
On-Board Indicator Light	Yes
Cell Voltage Monitoring	Yes

Batteries Sold Separately

5 YEAR WARRANTY

M12™ Heated Jacket Kit - Red
2341 (2340 Jacket-Only)

Specifications:

Heat Zones	5 (Chest, Back, Pockets)
Heat Settings	3 Per Zone (High, Medium, Low)
Jacket Material	100% Polyester
Water / Wind Resistant	Yes
USB Charger	Yes
Run-Time	Up to 6 Hours

Includes: (1) M12™ REDLITHIUM™ Compact Battery Pack, (1) M12™ Power Source, Charger

Available Sizes: Small, Medium, Large, XL, 2X, 3X

M12™ Heated Jacket Kit – Black
2345 (2344 Jacket-Only)

Specifications:

Heat Zones	5 (Chest, Back, Pockets)
Heat Settings	3 Per Zone (High, Medium, Low)
Jacket Material	100% Polyester
Water / Wind Resistant	Yes
USB Charger	Yes
Run-Time	Up to 6 Hours

Includes: (1) M12™ REDLITHIUM™ Compact Battery Pack, (1) M12™ Power Source, Charger

Available Sizes: Small, Medium, Large, XL, 2X, 3X

M12™ Heated Jacket Kit Realtree Xtra® Camouflage
2343 (2342 Jacket-Only)

REALTREE XTRA

Specifications:

Heat Zones	5 (Chest, Back, Pockets)
Heat Settings	3 Per Zone (High, Medium, Low)
Jacket Material	Soft-Shell Fabric Blend for Reduced Noise During Movement
Water / Wind Resistant	Yes
USB Charger	Yes
Run-Time	Up to 6 Hours

Includes: (1) M12™ REDLITHIUM™ Compact Battery Pack, (1) M12™ Power Source, Charger

Available Sizes: Small, Medium, Large, XL, 2X, 3X

M12™ High Visibility Heated Jacket Kit
2347 (2346 Jacket-Only)

ANSI/ISEA 107-2010 Class 3 Compliant

Specifications:

Heat Zones	3 (Chest, Back)
Heat Settings	3 Per Zone (High, Medium, Low)
Jacket Material	ANSI Class III 100% Polyester
Water / Wind Resistant	Yes
Zip-In Removable Hood	Yes
Run-Time	Up to 6 Hours

Includes: (1) M12™ REDLITHIUM™ Compact Battery Pack, Charger
Available Sizes: Medium, Large, XL, 2X, 3X, 4X

M12™ Heated Jacket 12V DC Plug Adapter
49-24-2301

M18™ Power Source
49-24-2371

Batteries Sold Separately

M12™ Heated Hoodie Kit - Red
2371 (2370 Hoodie-Only)

Specifications:

Heat Zones	3 (Chest, Back)
Heat Settings	3 Per Zone (High, Medium, Low)
Hoodie Material	Cotton/Polyester Blend
Water / Wind Resistant	No
Washer / Dryer Safer	Yes
Run-Time	Up to 6 Hours

Includes: (1) M12™ REDLITHIUM™ Compact Battery Pack, Charger
Available Sizes: Small, Medium, Large, XL, 2X, 3X

M12™ Heated Hoodie Kit – Gray
2373 (2372 Hoodie-Only)

Specifications:

Heat Zones	3 (Chest, Back)
Heat Settings	3 Per Zone (High, Medium, Low)
Hoodie Material	Cotton/Polyester Blend
Water / Wind Resistant	No
Washer / Dryer Safer	Yes
Run-Time	Up to 6 Hours

Includes: (1) M12™ REDLITHIUM™ Compact Battery Pack, Charger
Available Sizes: Small, Medium, Large, XL, 2X, 3X

M12™ Heated Hoodie Kit – Khaki
2375 (2374 Hoodie-Only)

Specifications:

Heat Zones	3 (Chest, Back)
Heat Settings	3 Per Zone (High, Medium, Low)
Hoodie Material	Cotton/Polyester Blend
Water / Wind Resistant	No
Washer / Dryer Safer	Yes
Run-Time	Up to 6 Hours

Includes: (1) M12™ REDLITHIUM™ Compact Battery Pack, Charger
Available Sizes: Small, Medium, Large, XL, 2X, 3X

M12™ High Visibility Heated Hoodie Kit
2377 (2376 Hoodie-Only)

ANSI/ISEA 107-2010 Class 2 Compliant

Specifications:

Heat Zones	3 (Chest, Back)
Heat Settings	3 Per Zone (High, Medium, Low)
Hoodie Material	ANSI Class II 100% Polyester
Water / Wind Resistant	Yes
Washer / Dryer Safer	Yes (Up to 25 Washes)
Run-Time	Up to 6 Hours
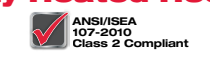
Includes: (1) M12™ REDLITHIUM™ Compact Battery Pack, Charger
Available Sizes: Small, Medium, Large, XL, 2X, 3X

M12™ Heated Hand Warmers
Realtree Xtra® Camouflage 2321-21 (2321-20 Hand Warmer-Only)
Black 2322-21 (2322-20 Hand Warmer-Only)

Specifications:

Heat Zones	2 (Front, Back)
Heat Settings	3 Per Zone (High, Medium, Low)
Hand Warmer Material	100% Polyester
Water / Wind Resistant	Yes
Adjustable Buckle-Strap	Yes

REALTREE XTRA

Includes: (1) M12™ REDLITHIUM™ Compact Battery Pack, Charger
Available Sizes: One Size Fits Most

M12™ COMBO KITS

	2 – 3 PIECE KITS										4 – 8 PIECE KITS			
	2490-22	2491-22	2494-22	2495-22	2496-22	2497-22	2594-22	2597-22	2491-23	2493-23	2493-24	2498-24	2499-24	2495-28
Kit Tool Total	2	2	2	2	2	2	2	2	3	3	4	4	4	8
M12™ 1/4" Hex Screwdriver	■				■		■							
M12 FUEL™ 1/2" Drill/Driver							■							
M12 FUEL™ 1/2" Hammer Drill/Driver								■						
M12 FUEL™ 1/4" Hex Impact Driver							■	■						
M12™ 3/8" Drill/Driver			■	■						■	■	■	■	■
M12™ 3/8" Hammer Drill/Driver						■								
M12™ 3/8" Right Angle Drill/Driver														■
M12™ 1/4" Hex Impact Driver		■	■			■						■		■
M12™ 3/8" Impact Wrench								■	■	■				
M12™ 1/4" Ratchet										■				
M12™ HACKZALL® Recip Saw	■	■										■	■	■
M12™ Multi-Tool				■	■									■
M12™ Copper Tubing Cutter													■	
M12™ M-SPECTOR 360™ Rotating Inspection Scope														■
M12™ Flashlight								■	■	■	■	■	■	■
M12™ Jobsite Radio														■
Also Includes														
M12™ LITHIUM-ION Battery Charger	■	■	■	■	■	■	■	■	■	■	■	■	■	■
M12™ REDLITHIUM™ Compact Battery Pack	2	2	2	2	2	2			2	2	2	2	2	2
M12™ REDLITHIUM™ XC Extended Capacity Battery Pack														1
M12™ REDLITHIUM™ 2.0 Compact Battery Pack							1	1						
M12™ REDLITHIUM™ XC 4.0 Extended Capacity Battery Pack							1	1						
Carrying Case							■	■						
Contractor Bag	■	■	■	■	■	■			■	■	■	■	■	■

MULTI-VOLTAGE CHARGER

M12 M18

- Charges All M12™ and M18™ Batteries
- Charges Batteries Sequentially (First In, First Charged)

Two Systems. One Charger. 90+ Solutions.

REDLITHIUM™ 2.0/XC4.0

- Up to 2X More Run-Time
- Up to 20% More Power
- Over 2X More Recharges

M12

WORLD LEADER IN CORDLESS INNOVATION

FUEL   FUEL   FUEL   FUEL   FUEL   FUEL   FUEL

REDLITHIUM

ADD TO YOUR SYSTEM
60+ TOOL-ONLY OPTIONS

M12

Nothing but **HEAVY DUTY.**®

![Milwaukee — Nothing but HEAVY DUTY.®]

M18 **REVOLUTIONARY PERFORMANCE**

The Milwaukee® M18™ cordless system represents the ultimate synergy of professional grade power, light weight, extreme performance and superior ergonomics. These tools stand alone, with patented technologies, innovative motors and advanced electronics powered by REDLITHIUM™ battery technology for unmatched run-time. Offering more than 50 unique solutions, the M18™ family is the fastest growing 18V cordless system on the market.

The flagship of this family: the M18 FUEL™ collection – extreme-performance cordless power tools designed, engineered and built to deliver superior productivity. Milwaukee® affirms its industry leadership, integrating three ground-breaking technologies in a single package: a best-in-class POWERSTATE™ Brushless Motor, REDLITHIUM™ battery technology, and exclusive REDLINK PLUS™ Intelligence. M18 FUEL™ puts unrivaled durability, run-time, power and performance into the hands of the professional tradesman.

Milwaukee®

DRIVEN TO OUTPERFORM.™

M18 FUEL™ is engineered for the most demanding tradesmen in the world. M18 FUEL™ delivers unrivaled performance in a compact structure and features three Milwaukee®-exclusive innovations — the POWERSTATE™ Brushless Motor, REDLITHIUM™ Battery Pack, and REDLINK PLUS™ Intelligence Hardware and Software — that deliver unmatched power, run-time and durability.

Simply put, M18 FUEL™ is best-in-class, full-circle technology that drives, protects and powers your cordless tools beyond the rest.

M18 FUEL™

LONGER MOTOR LIFE | **MORE** POWER | **MORE** RUN-TIME

INCLUDED IN ALL M18 FUEL™ PRODUCTS

REDLITHIUM 20/XC4.0

UPGRADE.
OUTWORK. OUTLAST.

UP TO **2X** MORE RUN-TIME | UP TO **20%** MORE POWER | OVER **2X** MORE RECHARGES

1 POWERSTATE™ BRUSHLESS MOTOR

This best-in-class brushless motor works harder and lives longer than all leading competitors.

- Milwaukee® Designed and Built Brushless Motor
- Outperforms All Leading Competitors
- Longer Motor Life
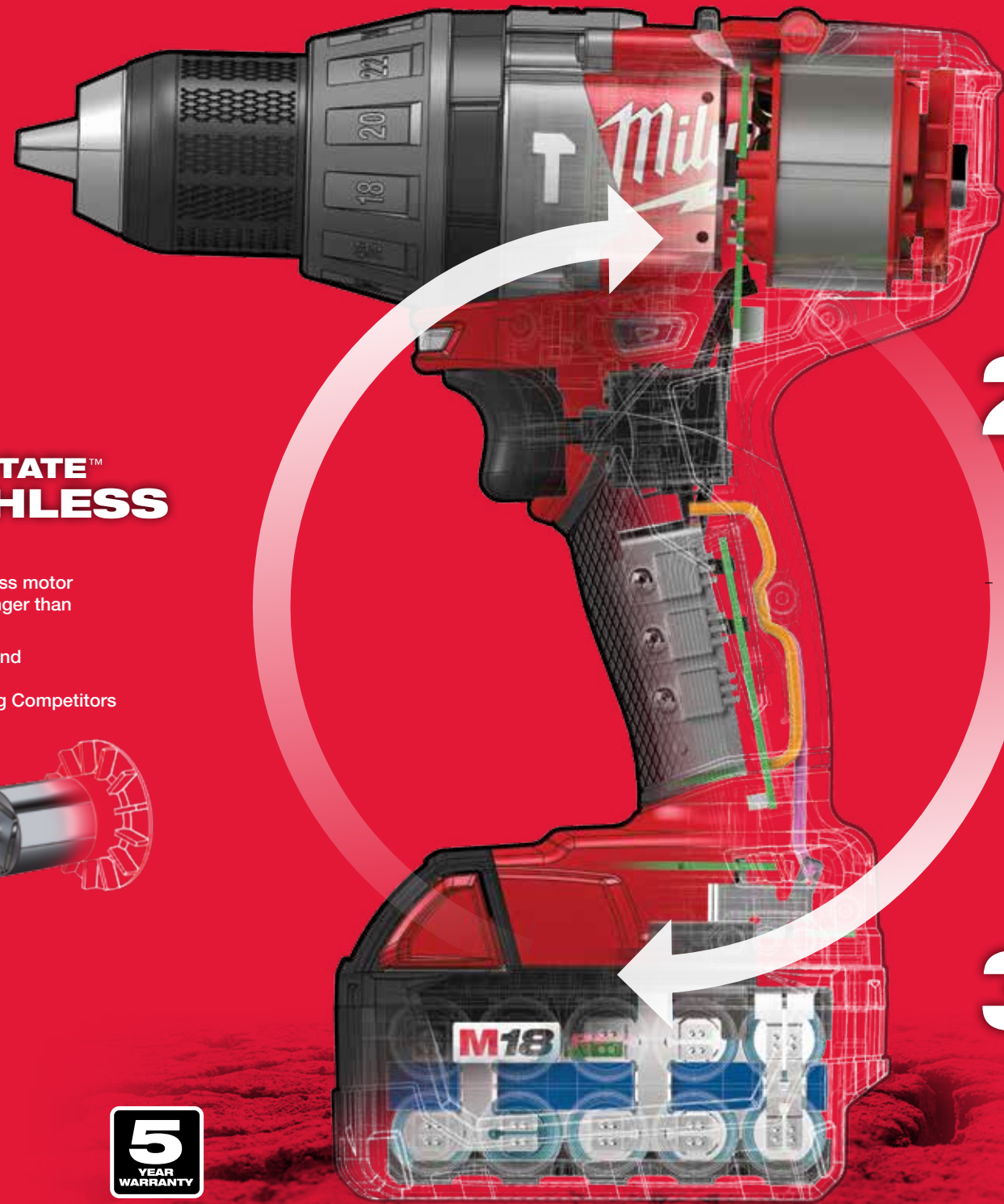
2 REDLINK PLUS™ INTELLIGENCE

The most advanced system of hardware and software in cordless power tool electronics today.

- Most Advanced Electronic System on the Market for Maximum Performance
- Total System Communication with Overload Protection Increases Tool Life

REDLITHIUM 20/XC4.0

3 REDLITHIUM™ 2.0 & XC4.0 BATTERY PACKS

Compatible with the entire M18™ system, it delivers more run-time, power and recharges than the competition.

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

5 YEAR WARRANTY

M18 SYSTEM

Nothing but **HEAVY DUTY.**®

M18™ FUEL 1/2" Drill/Driver Kit

2603-22 (2603-20 Tool-Only)

Specifications:

Peak Torque	725 in-lbs
RPM	0 – 550 / 0 – 1,850
Chuck Type	1/2" Metal Single Sleeve
Length	7-7/8"
Weight	4.9 lbs

Includes: (2) M18™ REDLITHIUM™ XC4.0 Battery Packs, Side Handle, Multi-Voltage Charger, Carrying Case

53 YEAR / YEAR WARRANTY™

M18™ FUEL 1/2" Drill/Driver Kit

2603-22CT (2603-20 Tool-Only)

Specifications:

Peak Torque	650 in-lbs
RPM	0 – 550 / 0 – 1,850
Chuck Type	1/2" Metal Single Sleeve
Length	7-7/8"
Weight	4.4 lbs

Includes: (2) M18™ REDLITHIUM™ 2.0 Battery Packs, Side Handle, Multi-Voltage Charger, Carrying Case

52 YEAR / YEAR WARRANTY™

M18™ 1/2" Compact Drill/Driver Kit

2606-22CT (2606-20 Tool-Only)

Specifications:

Peak Torque	500 in-lbs
RPM	0 – 450 / 0 – 1,800
Chuck Type	1/2" Metal Single Sleeve
Length	7-1/4"
Weight	3.8 lbs

Includes: (2) M18™ REDLITHIUM™ Compact Battery Packs, Multi-Voltage Charger, Carrying Case

52 YEAR / YEAR WARRANTY™

M18™ FUEL 1/2" Hammer Drill/Driver Kit

2604-22 (2604-20 Tool-Only)

Specifications:

Peak Torque	725 in-lbs
RPM	0 – 550 / 0 – 1,850
BPM	0 – 31,450
Chuck Type	1/2" Metal Single Sleeve
Length	8-1/8"
Weight	5.0 lbs

Includes: (2) M18™ REDLITHIUM™ XC4.0 Battery Packs, Side Handle, Multi-Voltage Charger, Carrying Case

53 YEAR / YEAR WARRANTY™

M18™ FUEL 1/2" Hammer Drill/Driver Kit

2604-22CT (2604-20 Tool-Only)

Specifications:

Peak Torque	650 in-lbs
RPM	0 – 550 / 0 – 1,850
BPM	0 – 31,450
Chuck Type	1/2" Metal Single Sleeve
Length	8-1/8"
Weight	4.5 lbs

Includes: (2) M18™ REDLITHIUM™ 2.0 Battery Packs, Side Handle, Multi-Voltage Charger, Carrying Case

52 YEAR / YEAR WARRANTY™

M18™ 1/2" Hammer Drill/Driver Kit

2607-22 (2607-20 Tool-Only)

Specifications:

Peak Torque	525 in-lbs
RPM	0 – 400 / 0 – 1,800
BPM	0 – 28,800
Chuck Type	1/2" Metal Single Sleeve
Length	7-1/4"
Weight	4.5 lbs

Includes: (2) M18™ REDLITHIUM™ XC Extended Capacity Battery Packs, Multi-Voltage Charger, Carrying Case

53 YEAR / YEAR WARRANTY™

M18™ 1/2" Hammer Drill/Driver Kit

2607-22CT (2607-20 Tool-Only)

Specifications:

Peak Torque	500 in-lbs
RPM	0 – 400 / 0 – 1,800
BPM	0 – 28,800
Chuck Type	1/2" Metal Single Sleeve
Length	7-1/4"
Weight	3.9 lbs

Includes: (2) M18™ REDLITHIUM™ Compact Battery Packs, Multi-Voltage Charger, Carrying Case

52 YEAR / YEAR WARRANTY™

M18™ 3/8" Right Angle Drill/Driver Kit

2615-21 (2615-20 Tool-Only)

Specifications:

Peak Torque	125 in-lbs
RPM	0 – 1,500
Clutch Settings	11 Settings plus Drill Mode
Chuck Type	3/8" Single Sleeve
Head Profile	3-3/4"
Weight	4.3 lbs

Includes: (1) M18™ REDLITHIUM™ XC Extended Capacity Battery Pack, Multi-Voltage Charger, Carrying Case

53 YEAR / YEAR WARRANTY™

M18™ 3/8" Right Angle Drill/Driver Kit

2615-21CT (2615-20 Tool-Only)

Specifications:

Peak Torque	100 in-lbs
RPM	0 – 1,500
Clutch Settings	11 Settings plus Drill Mode
Chuck Type	3/8" Single Sleeve
Head Profile	3-3/4"
Weight	3.7 lbs

Includes: (1) M18™ REDLITHIUM™ Compact Battery Pack, Multi-Voltage Charger, Carrying Case

52 YEAR / YEAR WARRANTY™

M18™ 5/8" SDS Plus Rotary Hammer Kit

2612-22, 2612-21 (2612-20 Tool-Only)

SDS PLUS

Specifications:

RPM	0 – 1,300
BPM	0 – 7,000
2-Mode Operation	Rotary Hammer and Rotation Only
Weight	5.5 lbs

Includes: 2612-22 (2) M18™ REDLITHIUM™ XC Extended Capacity Battery Packs, Side Handle, Depth Rod, Multi-Voltage Charger, Carrying Case; **2612-21** Includes (1) M18™ REDLITHIUM™ XC Extended Capacity Battery Pack

Compatible with 2306-22 M12™ HAMMERVAC™ Universal Dust Extractor

53 YEAR / YEAR WARRANTY™

M18™ 7/8" SDS Plus Rotary Hammer Kit

2605-22 (2605-20 Tool-Only)

SDS PLUS

Specifications:

Impact Energy	1.8 ft-lbs (2.4J)
RPM	0 – 1,400
BPM	0 – 4,800
3-Mode Operation	Hammer Only, Rotary Hammer, Rotation Only
Weight	7.2 lbs

Includes: (2) M18™ REDLITHIUM™ XC Extended Capacity Battery Packs, Side Handle, Depth Rod, Multi-Voltage Charger, Carrying Case

Compatible with 2306-22 M12™ HAMMERVAC™ Universal Dust Extractor

53 YEAR / YEAR WARRANTY™

M18™ FUEL 1/4" Hex Impact Driver Kit

2653-22 (2653-20 Tool-Only)

Specifications:

Fastening Torque (3 Modes)	200 / 700 / 1,600 in-lbs
IPM	0 – 3,600
RPM (3 Modes)	0 – 850 / 0 – 2,100 / 0 – 2,900
Chuck Type	1/4" Hex Quick Change
Length	5-1/2"
Weight	3.6 lbs

Includes: (2) M18™ REDLITHIUM™ XC4.0 Battery Packs, Belt Clip, Multi-Voltage Charger, Carrying Case

53 YEAR / YEAR WARRANTY™

M18™ FUEL 1/4" Hex Impact Driver Kit

2653-22CT (2653-20 Tool-Only)

Specifications:

Fastening Torque (3 Modes)	200 / 700 / 1,600 in-lbs
IPM	0 – 3,600
RPM (3 Modes)	0 – 850 / 0 – 2,100 / 0 – 2,900
Chuck Type	1/4" Hex Quick Change
Length	5-1/2"
Weight	3.0 lbs

Includes: (2) M18™ REDLITHIUM™ 2.0 Battery Packs, Belt Clip, Multi-Voltage Charger, Carrying Case

52 YEAR / YEAR WARRANTY™

M18™ 1/4" 2-Speed Impact Driver Kit

2657-22 (2657-20 Tool-Only)

Specifications:

Fastening Torque	1,500 in-lbs
IPM	0 – 3,450
RPM	0 – 2,750
Chuck Type	1/4" Hex Quick Change
Length	5-1/2"
Weight	3.7 lbs

Includes: (2) M18™ REDLITHIUM™ XC Extended Capacity Battery Packs, Belt Clip, Multi-Voltage Charger, Carrying Case

53 YEAR / YEAR WARRANTY™

M18™ 1/4" 2 Speed Impact Driver Kit

2657-22CT (2657-20 Tool-Only)

Specifications:

Fastening Torque	1,500 in-lbs
IPM	0 – 3,450
RPM	0 – 2,750
Chuck Type	1/4" Hex Quick Change
Length	5-1/2"
Weight	3.1 lbs

Includes: (2) M18™ REDLITHIUM™ Compact Battery Packs, Belt Clip, Multi-Voltage Charger, Carrying Case

52 YEAR / YEAR WARRANTY™

Milwaukee Nothing but **HEAVY DUTY**®

M18 FUEL
3/8" Impact Wrench Kit
2654-22 (2654-20 Tool-Only)
Specifications:

Fastening Torque (3 Modes)	30 / 75 / 200 ft-lbs
IPM	0 – 3,100
RPM (3 Modes)	0 – 900 / 0 – 1,600 / 0 – 2,400
Anvil	3/8" Friction Ring
Length	6"
Weight	3.8 lbs

Includes: (2) M18™ REDLITHIUM™ XC4.0 Battery Packs, Belt Clip, Multi-Voltage Charger, Carrying Case

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M18 FUEL
3/8" Impact Wrench Kit
2654-22CT (2654-20 Tool-Only)
Specifications:

Fastening Torque (3 Modes)	30 / 75 / 200 ft-lbs
IPM	0 – 3,100
RPM (3 Modes)	0 – 900 / 0 – 1,600 / 0 – 2,400
Anvil	3/8" Friction Ring
Length	6"
Weight	3.2 lbs

Includes: (2) M18™ REDLITHIUM™ 2.0 Battery Packs, Belt Clip, Multi-Voltage Charger, Carrying Case

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Proprietary DRIVE CONTROL™ Available on all M18 FUEL™ Impacts

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M18™ 3/8" Compact
Impact Wrench Kit
2658-22 (2658-20 Tool-Only)
Specifications:

Fastening Torque	166 ft-lbs
IPM	0 – 3,350
RPM	0 – 2,450
Anvil	3/8" Friction Ring
Length	5-3/4"
Weight	4.1 lbs

Includes: (2) M18™ REDLITHIUM™ XC Extended Capacity Battery Packs, Belt Clip, Multi-Voltage Charger, Carrying Case

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M18™ 3/8" Compact
Impact Wrench Kit
2658-22CT (2658-20 Tool-Only)
Specifications:

Fastening Torque	166 ft-lbs
IPM	0 – 3,350
RPM	0 – 2,450
Anvil	3/8" Friction Ring
Length	5-3/4"
Weight	3.5 lbs

Includes: (2) M18™ REDLITHIUM™ Compact Battery Packs, Belt Clip, Multi-Voltage Charger, Carrying Case

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M18 FUEL
1/2" Impact Wrench Kit
2655B-22 (2655B-20 Tool-Only)
Specifications:

Fastening Torque (3 Modes)	80 / 120 / 210 ft-lbs
IPM	0 – 3,100
RPM (3 Modes)	0 – 1,700 / 0 – 2,000 / 0 – 2,400
Anvil	1/2" Ball Detent
Length	6"
Weight	3.9 lbs

Includes: (2) M18™ REDLITHIUM™ XC4.0 Battery Packs, Belt Clip, Multi-Voltage Charger, Carrying Case

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M18 FUEL
1/2" Impact Wrench Kit
2655-22 (2655-20 Tool-Only)
Specifications:

Fastening Torque (3 Modes)	80 / 120 / 210 ft-lbs
IPM	0 – 3,100
RPM (3 Modes)	0 – 1,700 / 0 – 2,000 / 0 – 2,400
Anvil	1/2" Pin Detent
Length	6"
Weight	3.9 lbs

Includes: (2) M18™ REDLITHIUM™ XC4.0 Battery Packs, Belt Clip, Multi-Voltage Charger, Carrying Case

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M18™ 1/2" Compact
Impact Wrench Kit
2659-22 (2659-20 Tool-Only)
Specifications:

Fastening Torque	183 ft-lbs
IPM	0 – 3,200
RPM	0 – 2,200
Anvil	1/2" Pin Detent
Length	5-3/4"
Weight	4.1 lbs

Includes: (2) M18™ REDLITHIUM™ XC Extended Capacity Battery Packs, Belt Clip, Multi-Voltage Charger, Carrying Case

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M18™ 1/2" High Torque
Impact Wrench
w/Pin Detent Kit
2662-22 (2662-20 Tool-Only)
Specifications:

Fastening Torque	450 ft-lbs
Breakaway Torque	640 ft-lbs
RPM / IPM	0 – 1,900 / 0 – 2,200
Anvil	1/2" Pin Detent
Length	8-7/8"
Weight	6.7 lbs

Includes: (2) M18™ REDLITHIUM™ XC Extended Capacity Battery Packs, Multi-Voltage Charger, Carrying Case

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M18 FUEL
1/2" High Torque Impact
Wrench w/ Pin Detent Kit
2762-22 (2762-20 Tool-Only)
Specifications:

Max Fastening Torque (2 Modes)	350 / 600 ft-lbs
Nut-Busting Torque	900 ft-lbs
IPM / RPM (2 Modes)	0 – 2,300; 0 – 1,200 / 0 – 1,700
Anvil	1/2" Pin Detent
Length	8-3/4"
Weight	7.0 lbs

Includes: (2) M18™ REDLITHIUM™ XC4.0 Battery Packs, Multi-Voltage Charger, Carrying Case

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M18 FUEL
1/2" High Torque Impact
Wrench w/ Friction Ring Kit
2763-22 (2763-20 Tool-Only)
Specifications:

Max Fastening Torque (2 Modes)	100 / 700 ft-lbs
Nut-Busting Torque	1,100 ft-lbs
IPM / RPM (2 Modes)	0 – 2,300; 0 – 350 / 0 – 1,700
Anvil	1/2" Friction Ring
Length	9"
Weight	7.2 lbs

Includes: (2) M18™ REDLITHIUM™ XC4.0 Battery Packs, Multi-Voltage Charger, Carrying Case

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M18 FUEL
3/4" High Torque Impact
Wrench w/ Friction Ring Kit
2764-22 (2764-20 Tool-Only)
Specifications:

Max Fastening Torque (2 Modes)	375 / 750 ft-lbs
Nut-Busting Torque	1,200 ft-lbs
IPM / RPM (2 Modes)	0 – 2,300; 0 – 1,200 / 0 – 1,700
Anvil	3/4" Friction Ring
Length	9"
Weight	7.3 lbs

Includes: (2) M18™ REDLITHIUM™ XC4.0 Battery Packs, Multi-Voltage Charger, Carrying Case

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M18 FUEL
7/16" Hex Utility
Impacting Drill Kit
2765-22 (2765-20 Tool-Only)
Specifications:

Max Fastening Torque (2 Modes)	300 / 500 ft-lbs
IPM / RPM (2 Modes)	0 – 2,300; 0 – 1,200 / 0 – 1,700
Anvil	7/16" Hex
Length	8-3/4"
Weight	7.1 lbs

Includes: (2) M18™ REDLITHIUM™ XC Extended Capacity Battery Packs, AC/DC Charger, Hanger Ring, Banger Bracket, Contractor Bag

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M18™ 1/2" High Torque
Impact Wrench
w/Friction Ring Kit
2663-22 (2663-20 Tool-Only)
Specifications:

Fastening Torque	450 ft-lbs
Breakaway Torque	640 ft-lbs
RPM / IPM	0 – 1,900 / 0 – 2,200
Anvil	1/2" Friction Ring
Length	8-7/8"
Weight	6.7 lbs

Includes: (2) M18™ REDLITHIUM™ XC Extended Capacity Battery Packs, Multi-Voltage Charger, Carrying Case

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M18™ 3/4" High Torque
Impact Wrench
w/Friction Ring Kit
2664-22 (2664-20 Tool-Only)
Specifications:

Fastening Torque	525 ft-lbs
Breakaway Torque	700 ft-lbs
RPM / IPM	0 – 1,900 / 0 – 2,200
Anvil	3/4" Friction Ring
Length	9"
Weight	6.8 lbs

Includes: (2) M18™ REDLITHIUM™ XC Extended Capacity Battery Packs, Multi-Voltage Charger, Carrying Case

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M18™ 7/16" Hex
Utility Impacting Drill Kit
2665-22 (2665-20 Tool-Only)
Specifications:

Fastening Torque	450 ft-lbs
RPM / IPM	0 – 1,900 / 0 – 2,200
Anvil	7/16" Hex
Length	9-1/2"
Weight	7.0 lbs

Includes: (2) M18™ REDLITHIUM™ XC Extended Capacity Battery Packs, Multi-Voltage Charger, Contractor Bag

M18™ 2-Speed Grease Gun Kit
2646-22CT, 2646-21CT (2646-20 Tool-Only)

Specifications:

Output Pressure	Up to 10,000 PSI (690 BAR)
Run-Time	Up to 10 Cartridges Per Charge
Grease Capacity	14 oz Cartridge, 16 oz Bulk, 16 oz Suction
Air Bleeder Valve	Yes
Weight	8.5 lbs

Includes: 2646-22CT (2) M18™ REDLITHIUM™ Compact Battery Packs, (1) 48" Flex Hose with Spring Guard, (1) High Pressure Grease Coupler, (1) Shoulder Strap, Multi-Voltage Charger, Carrying Case; **2646-21CT** Includes (1) M18™ REDLITHIUM™ Compact Battery Pack

M18™ Grease Gun Accessories

49-16-2646	M18™ Grease Gun 400g Clear Barrel
49-16-2647	M18™ Replacement Grease Gun Hose with High Pressure Coupler
49-16-2648	M18™ Right Angle Grease Gun Coupler
49-16-2649	M18™ High Pressure Grease Coupler 2-Pack

M18™ 10 oz Caulk and Adhesive Gun Kit
2641-21CT (2641-20 Tool-Only)

Specifications:

Force	950 lbs
Inches Per Minute	0 – 21
Speed Settings	6
Auto-Reverse Anti-Drip	Yes
Weight	5.8 lbs

Includes: (1) M18™ REDLITHIUM™ Compact Battery Pack, 10 oz Carriage, M18™ 10 oz Plunger Rod and Piston Assembly, Multi-Voltage Charger

M18™ 20 oz Aluminum Barrel Sausage Style Caulk and Adhesive Gun Kit
2642-21CT

Specifications:

Force	950 lbs
Inches Per Minute	0 – 21
Speed Settings	6
Auto-Reverse Anti-Drip	Yes
Weight	6.5 lbs

Includes: (1) M18™ REDLITHIUM™ Compact Battery Pack, 20 oz Aluminum Sausage Style Barrel, M18™ 20 oz Plunger Rod and Piston Assembly, Nozzle, Multi-Voltage Charger

M18™ 20 oz Clear Barrel Sausage Style Caulk and Adhesive Gun Kit
2643-21CT

Specifications:

Force	950 lbs
Inches Per Minute	0 – 21
Speed Settings	6
Auto-Reverse Anti-Drip	Yes
Weight	6.6 lbs

Includes: (1) M18™ REDLITHIUM™ Compact Battery Pack, 20 oz Clear Sausage Style Barrel, M18™ 20 oz Plunger Rod and Piston Assembly, Nozzle, Multi-Voltage Charger

M18™ Caulk Gun Accessories

48-08-1076	M18™ 10 oz Caulk and Adhesive Gun Conversion Kit
48-08-1093	M18™ 20 oz Aluminum Barrel Sausage Style Caulk and Adhesive Gun Conversion Kit
48-08-1094	M18™ 20 oz Clear Barrel Sausage Style Caulk and Adhesive Gun Conversion Kit
48-08-1095	M18™ Quart Caulk and Adhesive Gun Conversion Kit
48-08-1091	20 oz Aluminum Barrel Kit
48-08-1096	20 oz Clear Barrel Kit
31-12-0700	Caulk Gun Nozzle – Black

M18 FUEL SAWZALL® Recip Saw Kit
2720-22, 2720-21 (2720-20 Tool-Only)

Specifications:

SPM	0 – 3,000
Stroke Length	1-1/8"
Blade Clamp	Lever-Action QUIK-LOK® (Accepts all SAWZALL® Blades)
Anti-Vibration	Yes
Weight	8.9 lbs

Includes: 2720-22 (2) M18™ REDLITHIUM™ XC4.0 Battery Packs, (1) Blade, Multi-Voltage Charger, Carrying Case; **2720-21** Includes (1) M18™ REDLITHIUM™ XC4.0 Battery Pack

M18™ SAWZALL® Recip Saw Kit
2620-22, 2620-21 (2620-20 Tool-Only)

Specifications:

SPM	0 – 3,200
Stroke Length	1"
Blade Clamp	Lever-Action QUIK-LOK® (Accepts all SAWZALL® Blades)
Anti-Vibration	Yes
Weight	7.9 lbs

Includes: 2620-22 (2) M18™ REDLITHIUM™ XC Extended Capacity Battery Packs, (1) Blade, Multi-Voltage Charger, Carrying Case; **2620-21** Includes (1) M18™ REDLITHIUM™ XC Extended Capacity Battery Pack

M18™ HACKZALL® One-Handed Recip Saw Kit
2625-21 (2625-20 Tool-Only)

Specifications:

SPM	0 – 3,000
Stroke Length	3/4"
Blade Clamp	QUIK-LOK® (Accepts all SAWZALL® Blades)
Anti-Vibration	Yes
Weight	5.6 lbs

Includes: (1) M18™ REDLITHIUM™ XC Extended Capacity Battery Pack, (1) Blade, Multi-Voltage Charger, Contractor Bag

M18™ HACKZALL® One-Handed Recip Saw Kit
2625-21CT (2625-20 Tool-Only)

Specifications:

SPM	0 – 3,000
Stroke Length	3/4"
Blade Clamp	QUIK-LOK® (Accepts all SAWZALL® Blades)
Anti-Vibration	Yes
Weight	5.0 lbs

Includes: (1) M18™ REDLITHIUM™ Compact Battery Pack, (1) Blade, Multi-Voltage Charger, Contractor Bag

M18 FUEL 6-1/2" Circular Saw Kit
2730-22, 2730-21 (2730-20 Tool-Only)

Specifications:

RPM	5,500
Bevel Capacity	50°
Cut Capacity	2-3/16" at 90°; 1-5/8" at 45°
Arbor	5/8"
Blade Guards	Magnesium
Weight	8.0 lbs

Includes: 2730-22 (2) M18™ REDLITHIUM™ XC4.0 Extended Capacity Battery Packs, (1) Circular Saw Blade, Wrench, Multi-Voltage Charger, Contractor Bag; **2730-21** Includes (1) M18™ REDLITHIUM™ XC4.0 Extended Capacity Battery Pack
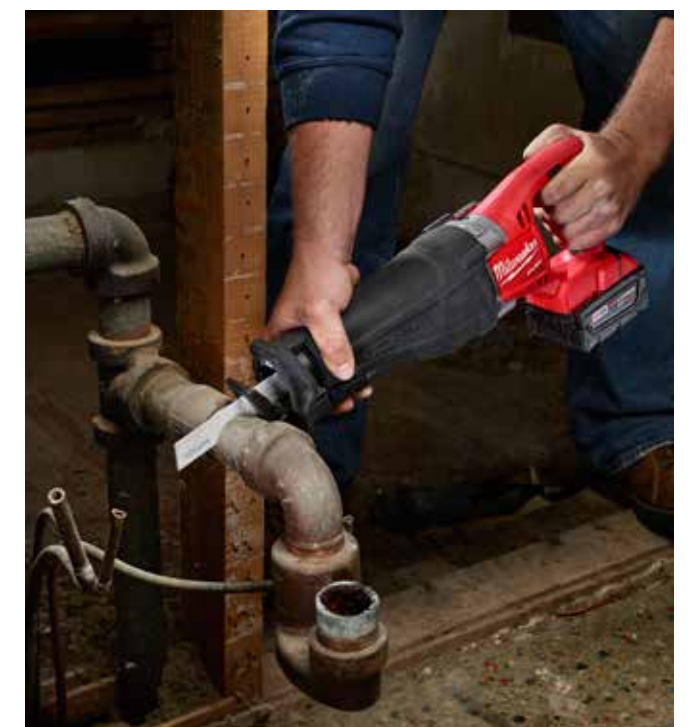
M18™ 6-1/2" Circular Saw Kit
2630-22 (2630-20 Tool-Only)

Specifications:

RPM	3,500
Bevel Capacity	50°
Cut Capacity	2-1/8" at 90°; 1-9/16" at 45°
Arbor	5/8"
Blade Guards	Magnesium
Weight	8.5 lbs

Includes: (2) M18™ REDLITHIUM™ XC Extended Capacity Battery Packs, (1) Circular Saw Blade, Rip Fence, Wrench, Multi-Voltage Charger, Contractor Bag

M18™ Jig Saw Kit
2645-22 (2645-20 Tool-Only)

Specifications:

SPM	0 – 2,700
Stroke Length	1"
Bevel Capacity	45° (Positive Locks at 0°, 15°, 30° and 45°)
Blade Clamp	QUIK-LOK® T-Shank
Orbital Settings	5
Weight	7.7 lbs

Includes: (2) M18™ REDLITHIUM™ XC Extended Capacity Battery Packs, (1) Jig Saw Blade, Non-Marring Shoe, Multi-Voltage Charger, Carrying Case

M18™ Metal Cutting Saw Kit
2682-22 (2682-20 Tool-Only)
Specifications:

RPM	3,600
Cut Capacity	1/8" – 2"
Blade Size	5-3/8"
Shoe	Stainless Steel
Weight	5.8 lbs

Includes: (2) M18™ REDLITHIUM™ XC Extended Capacity Battery Packs, (1) 30T METAL TECH™ Carbide-Tipped Blade, Blade Wrench, Multi-Voltage Charger, Contractor Bag

M18™ Band Saw Kit
2629-22 (2629-20 Tool-Only)
Specifications:

SFPM	480
Cut Capacity	3-1/4" x 3-1/4"
Weight	10.2 lbs
Shoe	Tool Free
LED Light	Yes

Includes: (2) M18™ REDLITHIUM™ XC Extended Capacity Battery Packs, Blade, Multi-Voltage Charger, Carrying Case

M18™ Multi-Tool Kit
2626-22, 2626-22CT (2626-20 Tool-Only)
Specifications:

Speed Settings	12
OPM	11,000 – 18,000
Universal Adapter	Yes
Tool Free Accessory Change	Yes
Length	14"
Weight	4.2 lbs

Includes: 2626-22 (2) M18™ REDLITHIUM™ XC Extended Capacity Battery Packs, (1) Wood Cutting Blade, (1) Sanding Pad, (5) Assorted Sanding Sheets, Multi-Voltage Charger, Contractor Bag; 2626-22CT Includes (2) M18™ REDLITHIUM™ Compact Battery Packs

M18 FUEL™
4-1/2" / 5" Grinder Slide Switch, Lock-On Kit
2781-22, 2781-21 (2781-20 Tool-Only)
Specifications:

RPM	8,500
Power to Grind	Yes
Overload Protection	Yes
Electronic Clutch	Yes
Tool Free Accessory Change & Guard	Yes

Includes: 2781-22 (2) M18™ REDLITHIUM™ XC4.0 Battery Packs, Multi-Voltage Charger, Carrying Case; 2781-21 Includes (1) M18™ REDLITHIUM™ XC4.0 Battery Pack

M18 FUEL™
4-1/2" / 5" Grinder Paddle Switch, No-Lock Kit
2780-22 (2780-20 Tool-Only)
Specifications:

RPM	8,500
Power to Grind	Yes
Overload Protection	Yes
Electronic Clutch	Yes
Tool Free Accessory Change & Guard	Yes

Includes: (2) M18™ REDLITHIUM™ XC4.0 Battery Packs, Multi-Voltage Charger, Carrying Case

M18™ 4-1/2" Cut-Off / Grinder Kit
2680-22 (2680-20 Tool-Only)
Specifications:

RPM	9,000
Switch	Paddle
Guard Adjustment	Tool Free
Overload Protection	Yes
Weight	5.9 lbs

Includes: (2) M18™ REDLITHIUM™ XC Extended Capacity Battery Packs, (1) Type 1 Guard, (1) Type 27 Guard, (1) Spanner Wrench, (1) Side Handle, Multi-Voltage Charger, Contractor Bag

M18™ FORCE LOGIC™ Long Throw Press Tool Kit
2673-22L (2673-20L No Jaw Kit)
Specifications:

Capacity	1/2" – 4" CU, 1/2" – 2" SS
Weight	10.1 lbs
Length	20-1/8"
Calibration Interval	40,000 Cycles (LED Indicator)
Approximate Cycle Time	5 Seconds, 10 Seconds at Full Stroke
Press Force	7,200 lbs

Includes: 2673-22L (2) M18™ REDLITHIUM™ XC Extended Capacity Battery Packs, (3) Jaws 1/2" – 1", Multi-Voltage Charger, Carrying Case; 2673-20L Includes No Jaws

M18™ FORCE LOGIC™ Jaws and Rings – Stainless Steel
Specifications:

49-16-2650S	1/2" SS Jaw
49-16-2651S	3/4" SS Jaw
49-16-2652S	1" SS Jaw
49-16-2654S	1-1/2" SS Ring
49-16-2655S	2" SS Ring
49-16-2659S	SS Ring Jaw 2
49-16-2691	FORCE LOGIC SS Press Ring 1-1/2" – 2" Kit

Jaws and Rings designed for use with GRINNELL® G-Press Stainless Steel Fittings
Jaws compatible with both 2673-20 and 2673-20L M18™ Press Tools
Rings compatible with 2673-20L only

M18™ FORCE LOGIC™ Press Tool Kit
2673-22 (2673-20 No Jaw Kit)
Specifications:

Capacity	1/2" – 4" CU, 1/2" – 1" SS
Weight	8.0 lbs
Length	16-3/4"
Calibration Interval	40,000 Cycles (LED Indicator)
Approximate Cycle Time	5 Seconds
Press Force	7,200 lbs

Includes: 2673-22 (2) M18™ REDLITHIUM™ XC Extended Capacity Battery Packs, (6) Jaws 1/2" – 2", Multi-Voltage Charger, Carrying Case; 2673-20 Includes No Jaws

M18™ FORCE LOGIC™ Jaws and Rings – Standard
Specifications:

49-16-2650	1/2" Jaw
49-16-2651	3/4" Jaw
49-16-2652	1" Jaw
49-16-2653	1-1/4" Jaw
49-16-2654	1-1/2" Jaw
49-16-2655	2" Jaw
49-16-2656	2-1/2" Ring
49-16-2657	3" Ring
49-16-2658	4" Ring
49-16-2659	Ring Jaw
49-16-2690	FORCE LOGIC™ Press Ring 2-1/2" – 4" Kit

Jaws designed for use with all major fitting manufacturers; Rings designed for use with VIEGA®, APOLLO®, and GRINNELL® large diameter copper systems
Jaws and Rings compatible with both 2673-20 and 2673-20L M18™ Press Tools

APOLLO® is a registered trademark of Conbraco Industries, Inc.
GRINNELL® is a registered trademark of Grinnell LLC
VIEGA® is a registered trademark of Viega GmbH & Co.

M18™ FORCE LOGIC™ High-Capacity Knockout Tool
2676-23, 2676-22 (2676-20 No Punches & Dies)
Specifications:

Mild Steel Capacity	1/2" – 4"
Stainless Steel Capacity	1/2" – 4"
Output Force	10 Ton
Quick-Connect Draw Stud	Yes
Tool Weight	7.2 lbs
Height	5-1/2"

Includes: 2676-23 (2) M18™ REDLITHIUM™ XC Extended Capacity Battery Packs, Exact™ Knockout Punches and Dies 1/2" – 4", (2) Draw Studs, Quick Connect Assembly, Carrying Case; 2673-22 Includes 1/2" – 2" Exact™ Knockout Punches and Dies; 2673-20 Includes no Punches or Dies

M18™ Exact™ Knockout Punches & Dies
Specifications:
Sets

49-16-2694	EXACT™ KO Punch Set 1/2" – 2" w/ Wrench
49-16-2692	EXACT™ KO Punch Set 1/2" – 1-1/4"
49-16-2693	EXACT™ KO Punch Set 1/2" – 2"
49-16-2695	EXACT™ KO Punch Set 2-1/2", 3", 3-1/2", 4"

Open Stock

49-16-2660	1/2" Die
49-16-2661	1/2" Punch
49-16-2662	3/4" Die
49-16-2663	3/4" Punch
49-16-2664	1" Die
49-16-2665	1" Punch
49-16-2666	1-1/4" Die
49-16-2667	1-1/4" Punch
49-16-2668	1-1/2" Die
49-16-2669	1-1/2" Punch
49-16-2670	2" Die
49-16-2671	2" Punch
49-16-2672	2-1/2" Die
49-16-2673	2-1/2" Punch
49-16-2674	3" Die
49-16-2675	3" Punch
49-16-2676	3-1/2" Die
49-16-2677	3-1/2" Punch
49-16-2678	4" Die
49-16-2679	4" Punch
49-16-2621	3/8" Ball Bearing Draw Stud
49-16-2622	3/4" Ball Bearing Draw Stud
49-16-2680	7/16" Draw Stud
49-16-2681	3/4" Draw Stud
49-16-2682	1-1/8" Draw Stud

All EXACT™ Knockout Punches & Dies are designed for use in mild and stainless steel

M18™ ProPEX® Expansion Tool Kit
2632-22 (2632-20 Tool-Only)
Specifications:

Capacity	3/8" – 1-1/2"
Stroke Length	25mm
Speed	45 SPM
Head Compatibility	3/8" – 1" M12™, 1" – 1-1/2" M18™ / Uponor
Head Rotation	Built-in Auto Rotator

TOOL 5 YEAR / BATTERY 2 YEAR WARRANTY

Includes: (2) M18™ REDLITHIUM™ Compact Battery Packs, (1) 1" Expansion Head, (1) 1-1/4" Expansion Head, (1) 1-1/2" Expansion Head, Grease, Multi-Voltage Charger, Carrying Case

M18™ ProPEX® Accessory Heads
Specifications:

49-16-2608	M18™ 1" ProPEX® Expansion Head
49-16-2610	M18™ 1-1/4" ProPEX® Expansion Head
49-16-2612	M18™ 1-1/2" ProPEX® Expansion Head

Compatible with M18™ ProPEX® Expansion Tool and most Uponor cordless tools

ProPEX® is a registered trademark of Uponor, Inc.

M18™ Wet/Dry Vacuum
0880-20
Specifications:

Material	Wet/Dry
Capacity	2 gal
Max Air Flow	45 cu-ft/min
Sealed Suction in Water	32"
Washable/Reusable Filter	Yes
Compatibility	All Milwaukee® 18-Volt Slide-On Batteries (LITHIUM-ION or NiCd)

CERTIFIED HEPA FILTER · **5 YEAR WARRANTY**

Battery and Charger Sold Separately

Includes: Filter Assembly, Crevice Tool, Wide Utility Nozzle, Wireless Vinyl Hose

M18™ Jobsite Radio
2790-20
Specifications:

Tuner	Digital Reception with Signal Processor
Modes	AM/FM/AUX
USB Port	Ideal for Charging a Cell Phone, MP3, Digital Camera, GPS and Other Portable Electronic Devices
Powered By	Milwaukee® 12V – 28V Batteries (Including M Series, V Series, and NiCd), 120V AC

iPod MP3

Battery and Charger Sold Separately

Includes: (1) Auxiliary Input Cord, (2) AA Batteries (For Memory Backup)

M18™ LED Flood Light
2361-20
Specifications:

Light Type	LED
Lumen	1,100
LUX	Up to 1,300
Length	8-3/4"
Weight	3.4 lbs

Battery and Charger Sold Separately

LIMITED LIFETIME WARRANTY

M18™ LED Work Light
2735-20
Specifications:

Light Type	LED
Lumen	99
Hands Free	Integrated Hook
Head Rotation	90°

Battery and Charger Sold Separately

LIMITED LIFETIME WARRANTY

M18™ Work Light
49-24-0171
Specifications:

Light Type	Xenon Incandescent Bulb
Head Rotation	135°
Hands Free	Integrated Hook
Weight	1.3 lbs

Battery and Charger Sold Separately

Related Accessory:
49-81-0090 – LED Upgrade Bulb
Compatible with Milwaukee® M12™, M18™, M28™, and most other power tool work lights

LIMITED LIFETIME WARRANTY

REDLITHIUM™ 2.0/XC4.0
- Up to 2X More Run-Time
- Up to 20% More Power
- Over 2X More Recharges

M18™ REDLITHIUM™ 2.0 Battery Pack
48-11-1820
Specifications:

Amp Hours	2.0
Cell Chemistry	LITHIUM-ION
Charge Time	45 minutes

2 YEAR WARRANTY

M18™ REDLITHIUM™ XC4.0 Battery Pack
48-11-1840
Specifications:

Amp Hours	4.0
Cell Chemistry	LITHIUM-ION
Charge Time	90 minutes

3 YEAR WARRANTY

REDLITHIUM™ RUN-TIME ADVANTAGE

REDLITHIUM™ XC4.0				
REDLITHIUM™ XC				
			Standard High Capacity LITHIUM-ION	
REDLITHIUM™ 2.0				
REDLITHIUM™				
	Standard Compact LITHIUM-ION			

M18™ REDLITHIUM™ Compact Battery Pack
48-11-1815
Specifications:

Amp Hours	1.5
Cell Chemistry	LITHIUM-ION
Charge Time	30 minutes

2 YEAR WARRANTY

2-Pack Available
48-11-1811

M18™ REDLITHIUM™ XC Extended Capacity Battery Pack
48-11-1828
Specifications:

Amp Hours	3.0
Cell Chemistry	LITHIUM-ION
Charge Time	60 minutes

3 YEAR WARRANTY

2-Pack Available
48-11-1822

M18™ Power Source
49-24-2371
Specifications:

Powered By	All M18™ Batteries
Run-Time	Up to 18 Hours
2.1 Amp USB Port	Universal Charging for Smart Phones, Tablets, and Other Portable Electronic Devices

Batteries Sold Separately

Powers Milwaukee® M12™ Heated Jackets and Hand Warmers

M18™ AC/DC Wall & Vehicle Charger*
2710-20

Integrated Hang-Holes	Yes
On-Board Indicator Light	Yes
Cell Voltage Monitoring	Yes

*Compatible with All M18™ Batteries

5 YEAR WARRANTY

M12™ and M18™ Multi-Voltage Charger
48-59-1812
Specifications:

Compatibility	All M12™ and M18™ Batteries
Charge Sequence	Sequential (First In, First Charged)
Integrated Hang-Holes	Yes
On-Board Indicator Light	Yes
Cell Voltage Monitoring	Yes

Batteries Sold Separately

5 YEAR WARRANTY

M18™ Six-Pack Sequential Charger
48-59-1806
Specifications:

Compatibility	All M18™ Batteries
Charge Sequence	Sequential (Counter-Clockwise Rotation)
Skip Button	Manually Designate which Battery Charges First
Integrated Hang-Holes	Yes
Cell Voltage Monitoring	Yes
Pass-Through Plug	Yes

Batteries Sold Separately

Pass-Through Plug

5 YEAR WARRANTY

M18™ COMBO KITS

	2 PIECE KITS											3 – 4 PIECE KITS							LARGE KITS		
	2793-22	2690-22	2691-22	2693-22	2694-22	2695-22	2697-22	2697-22CT	2698-22	2791-22CT	2797-22	2691-23	2696-23	2690-24	2692-24	2694-24	2695-24	2696-24	2696-26	2696-29	2696-15
Kit Tool Total	2	2	2	2	2	2	2	2	2	2	2	3	3	4	4	4	4	4	6	9	15
M18™ 1/2" Compact Drill/Driver			■									■									
M18 FUEL™ 1/2" Drill/Driver										■											
M18 FUEL™ 1/2" Hammer Drill/Driver											■										
M18™ 1/2" Hammer Drill/Driver					■	■	■	■	■							■	■	■	■	■	■
M18™ 1/2" High Performance Hammer Drill/Driver		■												■	■						
M18™ 3/8" Right Angle Drill/Driver																				■	■
M18™ 1/4" Hex Compact Impact Driver*			■				■	■							■		■	■	■	■	■
M18 FUEL™ 1/4" Hex Impact Driver										■	■										
M18™ 3/8" Compact Impact Wrench						■						■	■								
M18™ 1/2" Compact Impact Wrench																					■
M18™ 1/2" High Torque Impact Wrench	■												■							■	■
M18™ 7/8" SDS Plus Rotary Hammer																					■
M12™ 1/4" Ratchet	■																				
M18™ HACKZALL® One-Handed Recip Saw						■												■			
M18™ SAWZALL® Recip Saw		■				■								■	■	■		■	■	■	■
M18™ Jig Saw																					■
M18™ 6-1/2" Circular Saw														■	■				■	■	■
M18™ 5-3/8" Metal Cutting Saw									■												
M18™ 4-1/2" Cut-Off / Grinder																			■	■	■
M18™ Band Saw																					■
M18™ Work Light						■						■	■	■	■	■	■	■	■	■	■
Jobsite Radio																					■
M18™ Wet/Dry Vacuum																					■
Also Includes																					
M12™/M18™ Multi-Voltage Charger	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
M18™ REDLITHIUM™ Compact Battery Pack			2	2					2			2									
M18™ REDLITHIUM™ XC Extended Capacity Battery Pack	1	2			2	2	2		2			2	2	2	2	2	2	2	2	2	4
M18™ REDLITHIUM™ 2.0 Battery Pack									2												
M18™ REDLITHIUM™ XC4.0 Battery Pack									2												
M12™ REDLITHIUM™ Compact Battery Pack	1																				
Carrying Case										■	■										
Contractor Bag	■	■	■	■	■	■	■	■	■			■	■	■	■	■	■	■	■	2	3

*M18™ 1/4" Hex Compact Impact Driver is the single, variable speed model

M12 **M18**

MULTI-VOLTAGE CHARGER
- Charges All M12™ and M18™ Batteries
- Charges Batteries Sequentially (First In, First Charged)

**Two Systems. One Charger.
90+ Solutions.**

REDLITHIUM™ 2.0/XC4.0

- Up to 2X More Run-Time
- Up to 20% More Power
- Over 2X More Recharges

M18

WORLD LEADER IN CORDLESS INNOVATION

REDLITHIUM 2.0/XC4.0

FASTEST GROWING 18V SYSTEM ON THE MARKET
50+ TOOLS

M18

FORCE LOGIC™ PRESS TOOL SYSTEM

Milwaukee® FORCE LOGIC™ Press Tools represent a new standard in pressing technology. Combining the revolutionary REDLITHIUM™ battery pack, proprietary REDLINK™ Intelligence, and a compact hydraulic mechanism, FORCE LOGIC™ Press Tools deliver on their promise: the smallest, most intelligent press tools.

WHY PRESS?

Press is a method of joining pipe that uses force to make a connection, eliminating the need to solder, braze, thread, or weld. Utilizing only three short steps, connections can be completed up to 50% faster than traditional methods, and involve no open flame. Most importantly, press eliminates the need to drain and dry a system, enabling fast, professional repairs and increased productivity.

- Saves Time
- More Consistency
- Safe – No Open Flame

WHAT ARE FORCE LOGIC™ PRESS TOOLS?

COMPACT SIZE
The industry's smallest and lightest press tools offer a better-balanced, in-line design, that provides unrivaled access and ergonomics.

RELIABILITY
A best-in-class calibration interval means up to 4X the connections between service.

PRESS CYCLES BETWEEN CALIBRATION
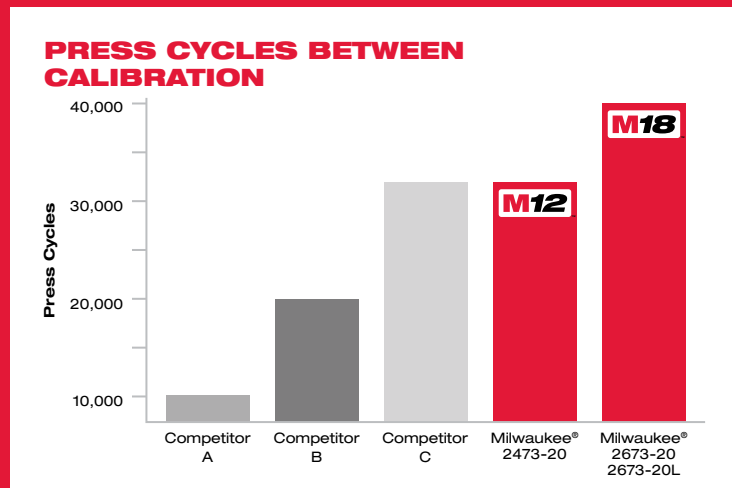
THE SMALLEST MOST INTELLIGENT PRESS TOOLS

REDLINK™ INTELLIGENCE
Electronic Force Monitoring maintains even pressure throughout the press cycle, providing a green indicator light to ensure a good connection. REDLINK™ Intelligence communicates with the tool and battery to automatically shut off when not in use, preventing battery drain. A pre-press battery check ensures enough charge to complete each press.

FORCE LOGIC™ MODELS

M12

M12™ FORCE LOGIC™ Press Tool Kit
2473-22 (2473-20 No Jaw Kit)

Includes: 2473-22 (2) M12™ REDLITHIUM™ Compact Battery Packs, (3) Jaws 1/2" – 1", Charger, Carrying Case; 2473-20 Includes No Jaws

M18

M18™ FORCE LOGIC™ Press Tool Kit
2673-22 (2673-20 No Jaw Kit)

Includes: 2673-22 (2) M18™ REDLITHIUM™ XC Extended Capacity Battery Packs, (6) Jaws 1/2" – 2", Multi-Voltage Charger, Carrying Case; 2673-20 Includes No Jaws

M18

M18™ FORCE LOGIC™ Long Throw Press Tool Kit
2673-22L (2673-20L No Jaw Kit)

Includes: 2673-22L (2) M18™ REDLITHIUM™ XC Extended Capacity Battery Packs, (3) Jaws 1/2" – 1", Multi-Voltage Charger, Carrying Case; 2673-20L Includes No Jaws

M12

Compact Jaws

Designed for use with all major fitting manufacturers.

1/2"   3/4"   1"   1-1/4"

M18

Standard Jaws and Rings

Jaws and Rings compatible with both 2673-20 and 2673-20L M18™ Press Tools

1/2"   3/4"   1"   1-1/4"   1-1/2"   2"   Ring Jaw   4"   3"   2-1/2"

Designed for use with all major fitting manufacturers.

Designed for use with VIEGA®, APOLLO®, and GRINNELL® large diameter copper systems.

M18

Stainless Steel Jaws and Rings

Jaws compatible with both 2673-20 and 2673-20L M18™ Press Tools; Rings compatible with 2673-20L only

Designed for use with GRINNELL® G-Press Stainless Steel Fittings

1/2"   3/4"   1"   1-1/2"   2"   Ring Jaw 2

APOLLO® is a registered trademark of Conbraco Industries, Inc.
GRINNELL® is a registered trademark of Grinnell LLC
VIEGA® is a registered trademark of Viega GmbH & Co.

M28 THE LARGEST HIGH-VOLTAGE LITHIUM-ION CORDLESS SYSTEM

When superior power and run-time is a necessity, the M28™ System will provide the performance of corded tools in a durable and reliable cordless package. M28™ is the largest high-voltage LITHIUM-ION system that will allow you to perform heavy duty applications without compromising durability or run-time.

M28™ 1/2" Hammer Drill/Driver Kit
0726-22 (0726-20 Tool-Only)

Specifications:

Peak Torque	750 in-lbs
RPM (High)	0 – 1,800
RPM (Low)	0 – 450
BPM	0 – 28,800
Chuck Type	1/2" Metal Single Sleeve

Includes: (2) M28™ LITHIUM-ION Battery Packs, 1-Hour Charger, Side-Handle, Carrying Case

M28™ 1/2" Right Angle Drill Kit
0721-21 (0721-20 Tool-Only)

Specifications:

Chuck Type	1/2" Keyed
RPM	0 – 400 / 0 – 1,000
Torque	1,081 in-lbs
Tool Weight	10.9 lbs

Includes: (1) M28™ LITHIUM-ION Battery Pack, 1-Hour Charger, Chuck Key, Side Handle, Carrying Case

M28™ 1" Compact SDS Plus Rotary Hammer Kit
0756-22 (0756-20 Tool-Only)

Specifications:

BPM	0 – 4,700
RPM	0 – 1,400
Solid Bit Capacity	1"
Thin Wall Core Bit Capacity	2-1/2"
Tool Weight	9.5 lbs

Includes: (2) M28™ LITHIUM-ION Battery Packs, 1-Hour Charger, Depth Gauge, Side Handle, Carrying Case
Compatible with 2306-22 M12™ HAMMERVAC™ Universal Dust Extractor

M28™ 1/2" High Torque Impact Wrench Kit
0779-22 (0779-20 Tool-Only)

Specifications:

Torque	325 ft-lbs
RPM / IPM	0 – 1,450 / 0 – 2,450
Anvil	1/2" Pin Detent
Length	12-1/8"
Trigger	Variable

Includes: (2) M28™ LITHIUM-ION Battery Packs, 1-Hour Charger, Hanger Bracket w/ Steel Ring, Carrying Case

M28™ 7/16" Hex Utility Impacting Drill
0799-20 (Tool-Only)

Specifications:

Torque	325 ft-lbs
RPM / IPM	0 – 1,450 / 0 – 2,450
Anvil	7/16" Hex
Length	12-1/8"
Trigger	Variable

Battery and Charger Sold Separately

Includes: Hanger Bracket w/ Steel Ring

M28™ SAWZALL® Recip Saw Kit
0719-22 (0719-20 Tool-Only)

Specifications:

SPM	0 – 2,000 / 0 – 3,000
Stroke Length	1-1/8"
Blade Clamp	QUIK-LOK®
Trigger	Variable
Weight	9.8 lbs

Includes: (2) M28™ LITHIUM-ION Battery Packs, 1-Hour Charger, (2) SAWZALL® Blades, Carrying Case

M28™ 6-1/2" Circular Saw Kit
0730-22 (0730-20 Tool-Only)

Specifications:

RPM	4,200
Blade Size	6-1/2"
Blade Guard	Magnesium
Shoe	Aircraft Aluminum
Weight	9.8 lbs

Includes: (2) M28™ LITHIUM-ION Battery Packs, 1-Hour Charger, Circular Saw Blade, Rip Fence, Wrench, Carrying Case

M28™ Metal Cutting Saw Kit
0740-22 (0740-20 Tool-Only)

Specifications:

RPM	3,200
Blade Size	6-7/8"
Shoe	Steel
Blade Guard	Magnesium
Weight	9.4 lbs

Includes: (2) M28™ LITHIUM-ION Battery Packs, 1-Hour Charger, (1) Circular Saw Blade, Wrench, Carrying Case

M28™ Band Saw Kit
0729-21 (0729-20 Tool-Only)

Specifications:

SFPM (Low)	0 – 225
SFPM (High)	0 – 350
Capacity	4-3/4" x 4-3/4"
LED Light	Yes

Includes: (1) M28™ LITHIUM-ION Battery Pack, 1-Hour Charger, Carrying Case

M28™ 4-1/2" Cut-Off / Grinder Kit
0725-21 (0725-20 Tool-Only)

Specifications:

RPM	8,000
Switch	Slide
Guard	Tool Free
Overload Protection	Yes
Weight	6.8 lbs

Includes: (1) M28™ LITHIUM-ION Battery Pack, 1-Hour Charger, Side Handle, (1) Spanner Wrench, (1) Type 1 Cut-Off Wheel & Guard, (1) Type 27 Grinding Wheel & Guard, Contractor Bag

M28™ Wet/Dry Vacuum
0780-20

Specifications:

Material	Wet/Dry
Capacity	2 gal
Air Flow	45 cu. ft/min
Sealed Suction in Water	32"
Height	11-1/2"

Battery and Charger Sold Separately

Includes: Filter Assembly, Crevice Tool, Wide Utility Nozzle, Wireless Vinyl Hose

M28™ LED Work Light
49-24-0187

Specifications:

Light	180 Lumen LED
Optics	Faceted Reflector
Head Rotation	135°
Hands Free	Integrated Hook

Battery and Charger Sold Separately

M28™ Work Light
49-24-0185

Specifications:

Bulb	High Intensity Xenon
Optics	Faceted Reflector
Head Rotation	135°
Hands Free	Integrated Hook

Battery and Charger Sold Separately

Related Accessory:
49-81-0090 – LED Upgrade
Compatible with Milwaukee® M12™, M18™, M28™ and most other power tool work lights

M28™ REDLITHIUM™ Battery Pack
48-11-2830

Specifications:

Battery Type	LITHIUM-ION

M28™ LITHIUM-ION Battery Charger
48-59-2819

Specifications:

Charge Time	1 Hour

M28™ 3-Tool Combo Kit
0928-23

Tools Included:

1/2" Hammer Drill/Driver	0726-20
SAWZALL® Recip Saw	0719-20
Work Light	49-24-0185

Includes: (2) M28™ LITHIUM-ION Battery Packs, 1-Hour Charger, (2) General Purpose SAWZALL® Blades, Side Handle, Contractor Bag

M28™ 4-Tool Combo Kit
0928-29

Tools Included:

1/2" Hammer Drill/Driver	0726-20
SAWZALL® Recip Saw	0719-20
Circular Saw	0730-20
Work Light	49-24-0185

Includes: (2) M28™ LITHIUM-ION Battery Packs, 1-Hour Charger, (2) General Purpose SAWZALL® Blades, (1) Circular Saw Blade, Rip Fence, Side Handle, Contractor Bag

M4™ 1/4" Hex Screwdriver
2101-22, 2101-21 (2101-20 Tool-Only)

Specifications:

Peak Torque	44 in-lbs
RPM	0 – 200 / 0 – 600
Chuck Type	1/4" Hex Quick Change
Length	9-5/8"
Weight	1.0 lbs

Includes: 2101-22 (2) M4™ REDLITHIUM™ 2.0 Battery Packs, Charger, Carrying Case; **2101-21** Includes (1) M4™ REDLITHIUM™ 2.0 Battery Pack

REPLACEMENT BATTERIES

12 Volt NiCd Battery Pack
48-11-1970

Specifications:

Battery Type	NiCd
Warranty	1 Year

14.4 Volt NiCd Battery Pack
48-11-1024

Specifications:

Battery Type	NiCd
Warranty	1 Year

18 Volt NiCd Battery Pack
48-11-2230

Specifications:

Battery Type	NiCd
Warranty	1 Year

M4™ REDLITHIUM™ 2.0 Battery Pack
48-11-2001

Specifications:

Amp-Hour	2.0
Cell Chemistry	LITHIUM-ION
Charge Time	45 Minutes

M4™ LITHIUM-ION Battery Charger
48-59-2001

Specifications:

Compatibility	All M4™ Batteries
Integrated Hang Holes	Yes
On-Board Indicator Light	Yes
Cell Voltage Monitoring	Yes

Battery and Charger Sold Separately

PORTABLE POWER TOOL (LIMITED WARRANTY):
Every MILWAUKEE power tool (including cordless product – tool, battery pack(s) - see separate & distinct CORDLESS BATTERY PACK LIMITED WARRANTY statements & battery charger and Work Lights*) is warranted to the original purchaser only to be free from defects in material and workmanship. Subject to certain exceptions, MILWAUKEE will repair or replace any part on an electric power tool which, after examination, is determined by MILWAUKEE to be defective in material or workmanship for a period of five (5) years* after the date of purchase unless otherwise noted. Return of the power tool to a MILWAUKEE factory Service Center location or MILWAUKEE Authorized Service Station, freight prepaid and insured, is required. A copy of the proof of purchase should be included with the return product. This warranty does not apply to damage that MILWAUKEE determines to be from repairs made or attempted by anyone other than MILWAUKEE authorized personnel, misuse, alterations, abuse, normal wear and tear, lack of maintenance, or accidents.

*The warranty period for, **Job Site Radios, M12™ Power Port, M18™ Power Source,** and **Trade Titan™ Industrial Work Carts** is **one (1) year from the date of purchase.** The warranty period for a **LED Work Light** and **LED Upgrade Bulb** is a **limited LIFETIME warranty to the original purchaser only,** if during normal use the LED bulb fails the Work Light or Upgrade Bulb will be replaced free of charge.

*This warranty does not cover Air Nailers & Stapler, Airless Paint Sprayer, Cordless Battery Packs, Gasoline Driven Portable Power Generators, Hand Tools, Hoist – Electric, Lever & Hand Chain, M12™ Heated Jackets, Reconditioned product and Test & Measurement products. There are separate and distinct warranties available for these products.

Warranty Registration is not necessary to obtain the applicable warranty on a MILWAUKEE power tool product. The manufacturing date of the product will be used to determine the warranty period if no proof of purchase is provided at the time warranty service is requested.

ACCEPTANCE OF THE EXCLUSIVE REPAIR AND REPLACEMENT REMEDIES DESCRIBED HEREIN IS A CONDITION OF THE CONTRACT FOR THE PURCHASE OF EVERY MILWAUKEE PRODUCT. IF YOU DO NOT AGREE TO THIS CONDITION, YOU SHOULD NOT PURCHASE THE PRODUCT. IN NO EVENT SHALL MILWAUKEE BE LIABLE FOR ANY INCIDENTAL, SPECIAL, CONSEQUENTIAL OR PUNITIVE DAMAGES, OR FOR ANY COSTS,

ATTORNEY FEES, EXPENSES, LOSSES OR DELAYS ALLEGED TO BE AS A CONSEQUENCE OF ANY DAMAGE TO, FAILURE OF, OR DEFECT IN ANY PRODUCT INCLUDING, BUT NOT LIMITED TO, ANY CLAIMS FOR LOSS OF PROFITS. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESS WARRANTIES, WRITTEN OR ORAL. TO THE EXTENT PERMITTED BY LAW, MILWAUKEE DISCLAIMS ANY IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE; TO THE EXTENT SUCH DISCLAIMER IS NOT PERMITTED BY LAW, SUCH IMPLIED WARRANTIES ARE LIMITED TO THE DURATION OF THE APPLICABLE EXPRESS WARRANTY AS DESCRIBED ABOVE. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU, THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

This warranty applies to product sold in the U.S.A. and Canada only.

Please consult the **'Service Center Search'** in the **Parts & Service** section of MILWAUKEE's website www.milwaukeetool.com or call 1.800.SAWDUST (1.800.729.3878) to locate your nearest service facility for warranty and non-warranty service on a Milwaukee **electric power tool.**

CORDLESS BATTERY PACK (LIMITED WARRANTY):
Every MILWAUKEE Battery Pack (sold with cordless product and/or as a replacement battery pack) is warranted to the **original purchaser only** to be free from defects in material and workmanship. Subject to certain exceptions, MILWAUKEE will repair or replace a battery pack which, after examination, is determined by MILWAUKEE to be defective in material or workmanship for the **stated warranty period** from date of purchase. Return of the battery pack to a MILWAUKEE factory Service Center location or MILWAUKEE Authorized Service Station, freight prepaid and insured, is required. A copy of the proof of purchase should be included with the return product. This warranty does not apply to damage that MILWAUKEE determines to be from repairs made or attempted by anyone other than MILWAUKEE authorized personnel, misuse, alterations, abuse, normal wear and tear, lack of maintenance, or accidents.

Battery Pack Description	Chemistry	Warranty Period (from date of purchase)
M12™ XC REDLITHIUM™, M12™ REDLITHIUM™ XC 4.0, M18™ XC REDLITHIUM™, M18™ REDLITHIUM™ XC 4.0, M28™ XC LITHIUM-ION, M28™ XC REDLITHIUM™	LITHIUM-ION	Three (3) Years
M4™ REDLITHIUM™ 2.0, V4 LITHIUM-ION, M12™ Compact LITHIUM-ION, M12™ Compact REDLITHIUM™, M12™ XC LITHIUM-ION, M12™ REDLITHIUM™ 2.0, M18™ Compact LITHIUM-ION, M18™ Compact REDLITHIUM™, M18™ REDLITHIUM™ 2.0	LITHIUM-ION	Two (2) Years
M18™ XC LITHIUM-ION, V18™ V™-technology LITHIUM-ION Serial number prefix "A95", V28™ V™-technology LITHIUM-ION	LITHIUM-ION	Two (2) Years – plus, Three (3) Years Pro-Rata (prorated)*
Ni-Cd, Ni-Cd Super-Tough, Ni-Cd Power-Plus, Ni-MH	Ni-Cd / Nickel-Cadmium, Ni-MH / Nickel-Metal-Hydride	One (1) Year
V18™ V™-technology LITHIUM-ION Serial number prefix "E95"	LITHIUM-ION	

The warranty period for all **Ni-CD** and Ni-MH **Battery Packs** is **one (1) year** from the date of purchase. The warranty period for V4 Lithium-Ion, M12™ Compact Lithium-ion, M12™ Compact **REDLITHIUM™**, M12™ XC LITHIUM-ION, M18™ Compact LITHIUM-ION and M18™Compact **REDLITHIUM™ Battery Packs** is **two (2) years** from the date of purchase. The warranty period for **M12™ XC REDLITHIUM™, M18™ XC REDLITHIUM™, M28™ XC REDLITHIUM™** and **M28™ XC LITHIUM-ION Battery Packs** is **three (3) years** from the date of purchase. *The warranty period for every MILWAUKEE **V™-technology V28™ LITHIUM-ION Battery Pack, M18™ Extended CAPACITY LITHIUM-ION Battery Pack, and V™-technology V18™ LITHIUM-ION Battery Pack (with the serial number prefix "A95")** is **five (5) years / 2000 charges** from the date of purchase, whichever first occurs. The first 1000 charges or 2 years of the warranty, whichever first occurs, are covered through free replacement of the defective battery. This means that for the earlier of the first 1000 charges or two (2) years from the date of purchase/ first charge, a replacement battery will be provided to the customer for any defective battery free of charge. Thereafter, the remaining charges up to a total of 2000 or the remainder of the five (5) year period from the date of purchase, whichever first occurs, will be covered on a pro rata basis. This means that every customer gets an additional 1000 charges or three (3) years of pro rata warranty on the **V™ technology V28™ LITHIUM-ION** Battery Pack, **M18™ XC LITHIUM-ION Battery Pack, and V™-technology V18™ LITHIUM-ION Battery Pack (with the serial number prefix "A95")** depending upon the amount of use. The warranty period for **V™-technology V18™ LITHIUM-ION Battery Pack (with the serial number prefix "E95")** is **one (1) year.**

Warranty Registration is not necessary to obtain the applicable warranty on a MILWAUKEE battery pack. The manufacturing date of the product will be used to determine the warranty period if no proof of purchase is provided at the time warranty service is requested.

ACCEPTANCE OF THE EXCLUSIVE REPAIR AND REPLACEMENT REMEDIES DESCRIBED HEREIN IS A CONDITION OF THE CONTRACT FOR THE PURCHASE OF EVERY MILWAUKEE PRODUCT. IF YOU DO NOT AGREE TO THIS CONDITION, YOU SHOULD NOT PURCHASE THE PRODUCT. IN NO EVENT SHALL MILWAUKEE BE LIABLE FOR ANY INCIDENTAL, SPECIAL, CONSEQUENTIAL OR PUNITIVE DAMAGES, OR FOR ANY COSTS,

ATTORNEY FEES, EXPENSES, LOSSES OR DELAYS ALLEGED TO BE AS A CONSEQUENCE OF ANY DAMAGE TO, FAILURE OF, OR DEFECT IN ANY PRODUCT INCLUDING, BUT NOT LIMITED TO, ANY CLAIMS FOR LOSS OF PROFITS. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESS WARRANTIES, WRITTEN OR ORAL. TO THE EXTENT PERMITTED BY LAW, MILWAUKEE DISCLAIMS ANY IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE; TO THE EXTENT SUCH DISCLAIMER IS NOT PERMITTED BY LAW, SUCH IMPLIED WARRANTIES ARE LIMITED TO THE DURATION OF THE APPLICABLE EXPRESS WARRANTY AS DESCRIBED ABOVE. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU, THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

This warranty applies to product sold in the U.S.A. and Canada only.

Please consult the **'Service Center Search'** in the **Parts & Service** section of MILWAUKEE's website www.milwaukeetool.com or call 1.800.SAWDUST (1.800.729.3878) to locate your nearest service facility for warranty and non-warranty service on a Milwaukee **Cordless Battery Pack.**

M12 HEATED JACKET (LIMITED WARRANTY):
Every MILWAUKEE **M12 HEATED JACKET** (including its battery holder) is warranted to the **original purchaser only** to be free from defects in material and workmanship. Subject to certain exceptions, MILWAUKEE will repair or replace any part on M12™ Heated Jacket which, after examination, is determined by MILWAUKEE to be defective in material or workmanship for a period of one (1) year* after the date of purchase. Return of the Heated Jacket to a MILWAUKEE **factory** Service Center location, freight prepaid and insured, is required. A copy of the proof of purchase should be included with the return product. This warranty does not apply to damage that MILWAUKEE determines to be from repairs made or attempted by anyone other than MILWAUKEE personnel, misuse, alterations, abuse, normal wear and tear, or accidents.

*This warranty does not cover a M12™ LITHIUM-ION Battery Pack; **there is a separate and distinct warranty** available for a battery pack.

Warranty Registration is not necessary to obtain the applicable warranty on a MILWAUKEE heated jacket. The manufacturing date of the product will be used to determine the warranty period if no proof of purchase is provided at the time warranty service is requested.

ACCEPTANCE OF THE EXCLUSIVE REPAIR AND REPLACEMENT REMEDIES DESCRIBED HEREIN IS A CONDITION OF THE CONTRACT FOR THE PURCHASE OF EVERY MILWAUKEE PRODUCT. IF YOU DO NOT AGREE TO THIS CONDITION, YOU SHOULD NOT PURCHASE THE PRODUCT. IN NO EVENT SHALL MILWAUKEE BE LIABLE FOR ANY INCIDENTAL, SPECIAL, CONSEQUENTIAL OR PUNITIVE DAMAGES, OR FOR ANY COSTS, ATTORNEY FEES, EXPENSES, LOSSES OR DELAYS ALLEGED TO BE AS A CONSEQUENCE OF ANY DAMAGE TO, FAILURE OF, OR DEFECT IN ANY PRODUCT INCLUDING, BUT NOT LIMITED TO, ANY CLAIMS FOR LOSS OF PROFITS. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESS WARRANTIES, WRITTEN OR ORAL. TO THE EXTENT PERMITTED BY LAW, MILWAUKEE DISCLAIMS ANY IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE; TO THE EXTENT SUCH DISCLAIMER IS NOT PERMITTED BY LAW, SUCH IMPLIED WARRANTIES ARE LIMITED TO THE DURATION OF THE APPLICABLE EXPRESS WARRANTY AS DESCRIBED ABOVE. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU, THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

This warranty applies to product sold in the U.S.A. and Canada only.

Please consult the **'Service Center Search'** in the **Parts & Service** section of MILWAUKEE's website www.milwaukeetool.com or call 1.800.SAWDUST (1.800.729.3878) to locate your nearest MILWAUKEE **factory** Service Center location.

FACTORY SERVICE CENTERS
1-800-SAWDUST (1-800-729-3878)

Atlanta
6155 Jimmy Carter Blvd,
Suite F2
Norcross, GA 30071

Boston
375 University Avenue
Westwood, MA 02090

Chicago
6310 Gross Point Road
Niles, IL 60714

Cleveland
8200 Sweet Valley Drive
Valley View, OH 44125

Dallas
2701 W Airport Freeway,
Unit 110
Irving, TX 75062

Denver
2500 W 8th Avenue, Unit E
Denver, CO 80204

Houston
3566 West T.C. Jester Blvd
Houston, TX 77018

Las Vegas
5580 S Decatur Blvd,
Unit 110
Las Vegas, NV 89118

Miami
3311 NW 82nd Avenue
Miami, FL 33122

Minneapolis/St. Paul
9705 Valley View Road
Eden Prairie, MN 55344

Milwaukee
13145 W Lisbon Road
Brookfield, WI 53005

New York City
3068 Whitestone Expressway
Flushing, NY 11354

Philadelphia
821 W Sproul Road
Springfield, PA 19064

San Antonio
14329 San Pedro Avenue, Suite D
San Antonio, TX 78232

San Diego
8252 Clairmont Mesa Blvd, Unit D
San Diego, CA 92111

San Francisco/Oakland
41601 Albrea Street
Fremont, CA 94538

Seattle
18939 120th Avenue NE,
Suite 111
Bothell, WA 98011

Washington D.C.
11712 Baltimore Avenue
Beltsville, MD 20705

CANADA

Edmonton
18129 111 Avenue NW
Edmonton, AB T5S 2P2

Toronto
140 Fernstaff Court, Unit 4
Vaughan, ON L4K 3L8

NEED TO HAVE YOUR MILWAUKEE® PRODUCT REPAIRED?

USE e-SERVICE
BENEFITS OF USING e-SERVICE

- FREE FedEx® GROUND Shipping to Milwaukee®'s Central Repair Facility
- 1,800+ convenient drop-off FedEx® Office (formerly FedEx® Kinkos) locations – some locations available 24/7
- All work is done by factory trained technicians
- Only genuine Milwaukee® parts used – NO GENERIC PARTS
- Repair of your tool in 5 working days or less (shipping times excluded)
- Your tool is returned directly to you – no need to come back to pick it up (saving time) – a return freight charge will apply

Fill out the form found at www.milwaukeetool.com/e-service

Milwaukee®

FALL 2013 CORDLESS CATALOG

M12 SYSTEM **M18** SYSTEM **M28** SYSTEM