Plumbing Collection
2017/18
**M18 CAG125X**

**M18 FUEL 125 MM ANGLE GRINDER**

- Milwaukee® designed and built brushless POWERSHIFT™ motor with the power to grind and up to 15% more motor life
- REDLITHIUM® battery pack delivers up to 2x more run time, up to 25% more power, up to 2x more battery life and operates better down to -30°C than other lithium-ion technologies
- Non-slip grip guard - great cutting capacity and fast guard adjustment without using a spanner
- 100% tool-free wheel change thanks to integrated FIXTEC system
- Slimmest handle design available on market with paddle switch

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**Specifications**

- 100% tool-free wheel change thanks to integrated FIXTEC system
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**Powerful 800 W motor for various applications with only 2.0 kg of weight for comfortable use during longer working periods**

**Geared design with an overall short length of 276 mm**

**Line lock out function to prevent automatic start up after power interruption**

**Frame made of die-cast magnesium alloy, flat metal gear head for excellent visibility of workpiece, optimised cutting depth and work in restricted areas**

**Features**

- Automatic cut-off carbon brushes
- RedLink Plus intelligence system delivers the most durability.
- Unique, fast and easy disc change
- Burst resistant quick release safety guard for fast adjustment
- Automatic cut-off carbon brushes

**Supplied with**

- M18 FUEL™ 125 MM ANGLE GRINDER
- M18 FUEL™ 125 MM BRAKING GRINDER

**Article Number**

- AG800-115E
- AG800-125E
- AG800-115 ED-SET

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**M18 CAG125XPDB**

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**DIAMOND PLUS™ WET / DRY HOLESAWS**

- Diamond grit edge drills and holesaws have been specially developed for professionals that need to drill in extremely hard materials such as porcelain/gres/quarry tiles, cast iron or fibreglass where it is increasingly difficult to drill with hard materials such as porcelain/gres/quarry tiles, cast iron or fibreglass where it is increasingly difficult to drill

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- Slimmest handle design available on market with paddle switch

**Powerful 1000 W motor for strong performance in all applications**

**Geared design with an overall short length of 276 mm**

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- M18 FUEL™ 125 MM BRAKING GRINDER

**Article Number**

- AG10-125 X-0X
- AG10-125 X-502 X
**AGV 12**

1200 W ANGLE GRINDER

- Powerful, 1200 W motor with powder field coating for increased run time and outstanding performance in all applications
- Extremely compact design with an overall length of 445 mm and 5.4 kg for most comfortable handling
- Soft start for smooth start up
- AutoBalancer. Reduces oscillation movement allowing quick completion of professional applications into materials such as cast iron, wood and plastics
- Fuel gauge displays remaining charge
- Individual battery cell monitoring optimises tool run time and long term pack durability
- REDLITHIUM-ION™ battery pack delivers up to 2x more battery life and runs cooler than conventional batteries
- Up to 50% faster and versatile cordless solution for cutting and removal applications
- REDLINK™ overload protection and constant speed electronics and operates better down to -20°C than other lithium-ion batteries
- Will accept competitor accessories
- Provides 1.7 mm, DHTS 115 = 1.8 mm) for very fast, precise}{cutting most building materials.

**AGVK 24**

2400 W ANGLE GRINDER

- Powerful, 2400 W motor with powder field coating for increased run time and outstanding performance in all applications
- Extremely compact design with an overall length of 485 mm and 5.4 kg for most comfortable handling
- Soft start for smooth start up
- AutoBalancer. Reduces oscillation movement allowing quick completion of professional applications into materials such as cast iron, wood and plastics
- Fuel gauge displays remaining charge
- Individual battery cell monitoring optimises tool run time and long term pack durability
- REDLITHIUM-ION™ battery pack delivers up to 2x more battery life and runs cooler than conventional batteries
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- Will accept competitor accessories
- Provides 1.7 mm, DHTS 115 = 1.8 mm) for very fast, precise}{cutting most building materials.

**M12 CT MT-0**

M12™ SUB COMPACT MULTI-TI-TOOL

- Versatile cordless solution for cutting and removal applications
- REDLINK™ overload protection electronics in tool and battery pack extend tool and system durability
- M12™ REDLITHIUM-ION™ battery pack delivers up to 2x more battery life and runs cooler than conventional batteries
- Will accept competitor accessories
- Provides 1.7 mm, DHTS 115 = 1.8 mm) for very fast, precise}{cutting most building materials.

**M18 BMT M18™ COMPACT MULTI-TOOL**

- Up to 50% faster and versatile cordless solution for cutting and removal applications
- REDLINK™ overload protection electronics in tool and battery pack extend tool and system durability
- M18™ REDLITHIUM-ION™ battery pack delivers up to 2x more battery life and runs cooler than conventional batteries
- Will accept competitor accessories
- Provides 1.7 mm, DHTS 115 = 1.8 mm) for very fast, precise}{cutting most building materials.

**THIN METAL CUTTING DISCS PRO+**

- Applications: iron and sulphur free top line thin cut-off wheels for all metals. suitables for stainless and acid resistant steel, titanium, heat resisting cast steel, spring steel, tool and die steels
- Characteristics: +30% more life, 50% less cutting time, 50% faster, lower noise levels
- Orders are only possible in master carton (with 50 x 4932451487). Minimum order quantity is 50; 4932451488 (4 x 1) master cartons. Order quantities greater than 50 pcs are to be ordered in multiples of 50 pcs (ie. 100, 150, 200, ...)

**DIAMOND BLADES DHTS**

- A trade quality blade with extra thin body (DHTS 115 = 1.7 mm, DHTS 125 = DHTS 230 = 1.8 mm) for very fast, precise and chips free cuts. In this market, are such grades, media discs are still cut to the cheaper quality levels. This is still available for cutting most building materials.

**GROUT REMOVAL BLADE, FOR REMOVING DAMAGED GROUT BETWEEN WALL OR FLOOR TILES. IN WOOD AND PLASTICS FOR CUTTING GROOVES IN DRYWALL.**

**80 MM FLUSH CUT SEGMENTED BLADE, FOR ACCURATE AND FLUSH CUTS IN WOOD AND PLASTICS.**

**32 MM PLUNGE CUT BLADE, PLUNGE / RECESS / FLUSH CUTTING IN WOOD AND PVC.**
M12 BS
M12™ SUB COMPACT BANDSAW
- Compact light weight design for cutting with one hand
- Powerful 1100 watt motor provides maximum performance and durability
- 4 step variable speed selection from 0 - 116 m/min
- Powerful 1100 watt motor provides maximum performance and durability
- On board fuel gauge and LED work surface illumination for best cut visibility
- Tool-free adjustable shoe
- Compact and light weight design for most comfortable use
- Cold cuts - reduces sparks for increased jobsite safety
- Tool-free blade locking mechanism for quick and easy saw blade changes

HD18 BS
M18™ HEAVY DUTY METAL BANDSAW
- 4.5 kg compact light weight design for cutting overhead and in tight places
- REDLINK™ overload protection electronics in tool and battery
- 85 mm cut capacity - cuts most common materials
- Tool-free blade locking mechanism for quick and easy blade changes
- Blade ejection system - quickly change the blade by moving the material guide bar up and positioning the handle
- On board fuel gauge and LED work surface illumination for best cut visibility
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BANDSAW BLADES
- Bi-metal blades with teeth in high speed machining with high cobalt content yield conventional blades up to 3 times, requiring fewer blade changes.
- Extremely hard and uniform tooth point is electron beam welded onto a tough carbide backing with high flex life for faster cutting.
- High speed cutting of aluminium, angle iron, brass, brass, malleable iron, cast iron and plastic.
- Toughest steels including stainless, chrome, tungsten steel plus other precision materials at edge points.

BLADE LENGTH 1139.83 MM (CORDED & M18 FUEL™)
- Material thickness (mm) 0.8 - 0.9
- Pack quality 12
- Article Number 4933419122
- Supplied in Kitbox
- Blade length (mm) 1139.83
- Blade diameter (mm) 150
- No. of batteries supplied 2
- Battery pack capacity (Ah) 4.0
- Charger supplied M12 BS-0 M18 BS-402C
- Max. cutting capacity metal pipe Ø (mm) 125
- No load speed (rpm) 3900
- Power input (W) 1100
- Stroke length (mm) 13
- Weight with battery pack (kg) 5.0
- Article Number 4933447150
- Cutting capacity rect. stock (mm) 125 x 125

C12 HZ
M12 SUB COMPACT HACKZALL
- Milwaukee® high performance compact one handed use hack saw, measuring only 380 mm in length, making it ideal for working with limited space.
- Milwaukee® patented FRAMELOCK clamp for fast and easy toolless blade change.
- Low vibration at 1.0 m/s²
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability.
- Milwaukee® patented FIXTEC clamp for fast and easy toolless blade change.
- Exceptional run time, up to 2x more battery life and compares better down to -20°C than other lithium-ion technologies
- 4 step variable speed selection from 0 - 116 m/min
- Tool-free blade locking mechanism for quick and easy saw blade changes
- Tool-free allen key storage for easy access and preventing loss.
- Integrated rafter hook for easy storage between uses
- Tool-free blade locking mechanism for quick and easy saw blade changes
- Tool-free adjustable shoe
- Compact and light weight design for most comfortable use
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M18 CBS125
M18 FUEL™ DEEP CUT BANDSAW
- Milwaukee® designed and built brushless POWERTIP™ motor provides extended cutting performance with up to 2x more run time compared to other competitive solutions
- Milwaukee® patented FIXTEC clamp for fast and easy toolless blade change.
- Exceptional run time, up to 2x more battery life and compares better down to -20°C than other lithium-ion technologies
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload and blade lock-up protection and unique monitoring for the best performance under load.
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 2x more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion battery packs;
- Solid cast-aluminum housing for maximum durability
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M18 FMCS
M18 FUEL™ METAL SAW
- Milwaukee® designed and built brushless POWERTIP™ motor for fast cutting, targeted tooth life and up to 2x more run time in the toughest applications for extended performance.
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HACKZALL™

Milwaukee® designed and built brushless POWERSTATE™ motor for up to 5x longer motor life and up to 70% faster cutting. REDLITHIUM-ION™ intelligence system delivers the most advanced digital overload protection for tool and battery and accurately enhances the tool performance under load. REDLITHIUM-ION™ battery pack delivers up to 2X more run time, up to 25% more power, up to 2x more battery life and operates longer down to -20°C than other lithium-ion technologies.

Individual battery cell monitoring optimizes tool run time and individual battery cell performance.

Patented FIXTEC clamp for fast and easy keyless blade change.

Counter balance mechanism lowers vibration to 6.5 m/s², increases the operator to work safely for longer periods of time reducing fatigue.

REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 25% more power, up to 2x more battery life and operates longer down to -20°C than other lithium-ion technologies.

REDLINK™ overload protection electronics in tool and battery. Includes individual battery cell monitoring to extend battery pack life by absorbing high impact forces caused by sudden blade lock-ups.

Patented FIXTEC clamp for fast and easy keyless blade change.

Individual battery cell monitoring optimizes tool run time and individual battery cell performance.

Variable speed trigger for extra control during cutting.

Flexible battery system: works with all Milwaukee® M18™ batteries.

Accurate cuts with maximum cutting depth of 2.0 mm in steel.

Cut optimisation gives longer blade life and easier cutting in a wide range of materials.

Belt clip for secure mobility.

Variable speed trigger switch.

Automatic brake allows the saw to stop the blade after it has completed a cut.

In-Line wrist design for increased control during cutting.

In-Line wrist design for increased user control.

Connect via Bluetooth® with the Milwaukee® ONE-KEY™ app.

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### Metal: Heavy Duty Demolition Blades

- **Torch.**
- **Bi-metal quality cutting teeth with 8% cobalt giving the ultimate in performance and lifetime.**
- **Heat treated and black oxide coated blade for extended life.**
- **All-metal design for durability through demanding jobsite use.**
- **NAIL GUARD™ protects the tooth during nail impacts for increased durability and flush cut performance.**
- **FANG TIP™ for faster plunge cutting and reaching into restricted areas.**
- **2x faster. A fast and aggressive 5TPi tooth pattern allows for 30x longer life than standard Bi-metal blades. Carbide teeth deliver long life and extreme durability in the heaviest applications.**
- **AX™ for fractionally faster cutting when compared to 2x faster.**
- **CARBIDE DEMOLITION BLADES especially engineered blades for exclusive use on 12 V M12™ and M18™ HACKZALL™.**

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<th>Tooth pitch (mm)</th>
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</table>

### Metal: Thin Kerf Blades

- **Improved tooth geometry for best speed and double life lifetime.**
- **Bi-metal quality cutting teeth with 8% cobalt giving the ultimate in performance and lifetime.**
- **TOUGH NICK™ - Self-sharpening teeth and Durametal® alloy blades.**
- **Slim 0.90 mm thick blade body optimised for maximum speed and lifetime.**
- **Especially engineered blades for exclusive use on 12 V M12™ and M18™ HACKZALL™.**
- **AX™ for fractionally faster cutting when compared to 2x faster.**
- **CARBIDE DEMOLITION BLADES especially engineered blades for exclusive use on 12 V M12™ and M18™ HACKZALL™.**

<table>
<thead>
<tr>
<th>Blade length (mm)</th>
<th>Tooth pitch (mm)</th>
<th>Teeth per inch</th>
<th>Ref. No.</th>
<th>Pack quantity</th>
<th>Article Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>125</td>
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<td>48004187</td>
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<td>2 - 4</td>
<td>6.35</td>
<td>Yes</td>
<td>48004187</td>
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</table>

### Reaming Pen

- **REAMING PEN.**
- **Provides easy deburring of copper tubing and PVC.**
- **Slide resistant clip allows easy storage in the users pocket or tool bag for quick access.**
C12 PC
M12™ SUB COMPACT COPPER PIPE CUTTER

- Milwaukee high performance 500 rpm motor cuts 12 mm copper pipe in three seconds.
- Massive cutting pressure of 175 kg/cm².
- Robust copper cutting mechanism: durable tool and battery life.
- Long-life motor and gearbox: maximum durability.
- Powerful mechanism cuts up to 50 mm PVC pipe in 3 seconds.
- Constant speed mechanism ensures smooth cuts.
- Heavy Duty full metal gearbox and gears for superior durability and minimized torque.
- Variable speed trigger for complete cut out control.
- Super sharp blade for better cuts.
- Highly efficient mechanism delivers over 200 cuts per charge.
- Individual battery cell monitoring optimizes tool run time and ensures long term pack durability.
- On board fuel gauge and LED light - added user convenience and illumination in low lit working conditions.
- Unique Two Pack system. Works with all Milwaukee® M12™ batteries.

<table>
<thead>
<tr>
<th>Max. cutting capacity in copper (mm)</th>
<th>3 - 20</th>
<th>3 - 22</th>
<th>3 - 28</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blade length (mm)</td>
<td>105</td>
<td>106</td>
<td>110</td>
</tr>
<tr>
<td>Weight with battery pack (kg)</td>
<td>1.5</td>
<td>1.6</td>
<td>1.8</td>
</tr>
<tr>
<td>No. of batteries supplied</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Battery pack capacity (Ah)</td>
<td>2</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Charger supplied</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Supplied in pouch</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

C12 PPC
M12™ SUB COMPACT PEX CUTTER

- Massive cutting pressure of 175 kg/cm².
- Robust copper cutting mechanism: durable tool and battery life.
- Long-life motor and gearbox: maximum durability.
- Powerful mechanism cuts up to 50 mm PVC pipe in 3 seconds.
- Constant speed mechanism ensures smooth cuts.
- Heavy Duty full metal gearbox and gears for superior durability and minimized torque.
- Variable speed trigger for complete cut out control.
- Super sharp blade for better cuts.
- Highly efficient mechanism delivers over 200 cuts per charge.
- Individual battery cell monitoring optimizes tool run time and ensures long term pack durability.
- On board fuel gauge and LED light - added user convenience and illumination in low lit working conditions.
- Unique Two Pack system. Works with all Milwaukee® M12™ batteries.

<table>
<thead>
<tr>
<th>Max. cutting capacity tube &amp; pipe (mm)</th>
<th>Ø 25</th>
<th>Ø 32</th>
</tr>
</thead>
<tbody>
<tr>
<td>No load speed (rpm)</td>
<td>0 - 500</td>
<td>0 - 500</td>
</tr>
<tr>
<td>No. of batteries supplied</td>
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<tr>
<td>Battery pack capacity (Ah)</td>
<td>2</td>
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<tr>
<td>Charger supplied</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Supplied in pouch</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

MINI COPPER TUBING CUTTERS

- Proprietary adjustment mechanism, cutters are engineered for longer life.
- Chrome coated for added durability and extended performance.
- Easy grip knobs allow faster adjustment and easier one handed use.
- Compact design to cut pipes in restricted areas.

<table>
<thead>
<tr>
<th>Mini copper tubing</th>
<th>Max cutting capacity in copper (mm)</th>
<th>Max cutting capacity in tube &amp; pipe (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/8&quot;</td>
<td>3 - 15</td>
<td>Ø 32</td>
</tr>
<tr>
<td>3/16&quot;</td>
<td>3 - 22</td>
<td>Ø 32</td>
</tr>
<tr>
<td>1/4&quot;</td>
<td>3 - 28</td>
<td>Ø 32</td>
</tr>
<tr>
<td>Blade length (mm)</td>
<td>102</td>
<td>102</td>
</tr>
<tr>
<td>Weight with battery pack (kg)</td>
<td>0.6</td>
<td>0.6</td>
</tr>
</tbody>
</table>

PLASTIC CUTTER

- Cuts PVC, PEX, MDPE, PC, plastic electrical conduits, pneumatic pipe, plastic overflow pipe, rubber hose up to Ø 42 mm.
- High efficiency mechanism: back and straight cuts; prevents crushing of material.
- Robust chrome coated steel blade.
- Robust construction – metal core from the head to the handles for maximum durability.
- Grip on the head allows stripping of couplings.
- Compact, rounded finish.
- Corrosion resistant head.
- One handed locking mechanism, tool remains closed while in pouch, spring loaded but easy opening.
- Super sharp blade delivers smooth and durable crosscutting and clean and fast cuts.

<table>
<thead>
<tr>
<th>Cut</th>
<th>Max. capacity tube &amp; pipe (mm)</th>
<th>Max. capacity tube &amp; pipe (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/8&quot;</td>
<td>Ø 25</td>
<td>Ø 25</td>
</tr>
<tr>
<td>1/2&quot;</td>
<td>Ø 32</td>
<td>Ø 32</td>
</tr>
<tr>
<td>3/4&quot;</td>
<td>Ø 42</td>
<td>Ø 42</td>
</tr>
<tr>
<td>Blade length (mm)</td>
<td>65</td>
<td>65</td>
</tr>
<tr>
<td>Weight with battery pack (kg)</td>
<td>0.8</td>
<td>0.8</td>
</tr>
</tbody>
</table>

COMPACT HACKSAW

- Tool free blade change for changing blades up to 1/4" thick.
- Compact design, short to medium cutting in tight spaces.
- Accepts standard 15 TPI blades.
- Rubber overmould grip for increased comfort.
- Supplied with 10" / 24 TPI blade.

<table>
<thead>
<tr>
<th>Cut</th>
<th>Max. cutting capacity in material (mm)</th>
<th>Max. cutting capacity in material (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/8&quot;</td>
<td>Ø 25</td>
<td>Ø 25</td>
</tr>
<tr>
<td>1/2&quot;</td>
<td>Ø 32</td>
<td>Ø 32</td>
</tr>
<tr>
<td>3/4&quot;</td>
<td>Ø 42</td>
<td>Ø 42</td>
</tr>
<tr>
<td>Blade length (mm)</td>
<td>65</td>
<td>65</td>
</tr>
<tr>
<td>Weight with battery pack (kg)</td>
<td>0.8</td>
<td>0.8</td>
</tr>
</tbody>
</table>

FOLDING JABSAW

- Tool free blade change - change blades up to 1/4" thick.
- Folding blade - easier and safer storage.
- Rubber overmould grip - increased comfort.
- Accepts all Sawzall® blades - increased versatility.
- Supplied with 18 TPI / 53 mm blade.

<table>
<thead>
<tr>
<th>Cut</th>
<th>Max. cutting capacity in material (mm)</th>
<th>Max. cutting capacity in material (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/8&quot;</td>
<td>Ø 25</td>
<td>Ø 25</td>
</tr>
<tr>
<td>1/2&quot;</td>
<td>Ø 32</td>
<td>Ø 32</td>
</tr>
<tr>
<td>3/4&quot;</td>
<td>Ø 42</td>
<td>Ø 42</td>
</tr>
<tr>
<td>Blade length (mm)</td>
<td>65</td>
<td>65</td>
</tr>
<tr>
<td>Weight with battery pack (kg)</td>
<td>0.8</td>
<td>0.8</td>
</tr>
</tbody>
</table>

HACKSAW

- Tough metal blade, supports higher tension (25,000 PSI / 170 Bar).
- Overmould handle ensures secure grip and user comfort.
- Internal blade storage for extra blades.
- Supplied with 12" / 34 TPI blade.
- Will accept up to 12" blades.

<table>
<thead>
<tr>
<th>Cut</th>
<th>Max. cutting capacity in material (mm)</th>
<th>Max. cutting capacity in material (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/8&quot;</td>
<td>Ø 25</td>
<td>Ø 25</td>
</tr>
<tr>
<td>1/2&quot;</td>
<td>Ø 32</td>
<td>Ø 32</td>
</tr>
<tr>
<td>3/4&quot;</td>
<td>Ø 42</td>
<td>Ø 42</td>
</tr>
<tr>
<td>Blade length (mm)</td>
<td>65</td>
<td>65</td>
</tr>
<tr>
<td>Weight with battery pack (kg)</td>
<td>0.8</td>
<td>0.8</td>
</tr>
</tbody>
</table>
# PRESS TOOLS & EXPANDERS

**M12™ SUB COMPACT FORCE LOGIC® HYDRAULIC PRESS TOOL**

- The industry’s smallest, lightest press tool: weighs only 1.8 kg for greater user comfort
- REDLINK™ overload protection electronics in tool and battery pack deliver tool in class system durability
- Patented one hand operation allows to work in restricted areas
- Battery-tool communication: press operation doesn’t start to prevent incomplete pressing in case of low charged battery.
- Press indicator: provides visual confirmation of a quality connection
- Service intervals: advanced electronics count cycles and notify users when tool reaches calibration intervals
- Fuellage at display: remaining charge
- REDLITHIUM-ION™ battery pack delivers up to 3x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium ion battery packs
- Flexible battery system: works with all Milwaukee® M12™ batteries

### Technical Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage (V)</th>
<th>Battery type</th>
<th>Battery pack capacity (Ah)</th>
<th>No. of batteries supplied</th>
<th>Charger supplied</th>
<th>Press cycles</th>
<th>Weight with battery pack (kg)</th>
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</thead>
<tbody>
<tr>
<td>M12 HPT-202C</td>
<td>12</td>
<td>Li-ion</td>
<td>2.0</td>
<td>2</td>
<td>40 min</td>
<td>40,000</td>
<td>1.8</td>
</tr>
<tr>
<td>M12 HPT-202C M-KIT</td>
<td>12</td>
<td>Li-ion</td>
<td>2.0</td>
<td>2</td>
<td>40 min</td>
<td>40,000</td>
<td>1.8</td>
</tr>
<tr>
<td>M12 HPT-202C V-KIT</td>
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<td>Li-ion</td>
<td>2.0</td>
<td>2</td>
<td>40 min</td>
<td>40,000</td>
<td>1.8</td>
</tr>
<tr>
<td>M12 HPT-202C TH-KIT</td>
<td>12</td>
<td>Li-ion</td>
<td>2.0</td>
<td>2</td>
<td>40 min</td>
<td>40,000</td>
<td>1.8</td>
</tr>
<tr>
<td>M12 HPT-202C U-KIT</td>
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<td>Li-ion</td>
<td>2.0</td>
<td>2</td>
<td>40 min</td>
<td>40,000</td>
<td>1.8</td>
</tr>
</tbody>
</table>

### Jaw Profile

<table>
<thead>
<tr>
<th>Jaw Profile</th>
<th>Related Supplier</th>
<th>Related Supplier</th>
<th>Article Number</th>
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<td></td>
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<td>V14</td>
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<tr>
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<td>Raccorderie</td>
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<td>Viega</td>
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<td>Piegler</td>
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<td></td>
<td>Sanha</td>
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<td>U</td>
<td>Uponor: Unipipe, Airpipe</td>
<td>U14</td>
<td>4932430291</td>
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<tr>
<td></td>
<td>Kan: Kan-therm</td>
<td>U16</td>
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<tr>
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<td>Wavin: Press-Systeme</td>
<td>U18</td>
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<td>Frankische: Alpex F50</td>
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<td></td>
<td>Henco (TH14 - TH25 only)</td>
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<tr>
<td></td>
<td>Sanha</td>
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</tr>
</tbody>
</table>

### Additional Information

**M12 HPT-202C**
- **M12™ SUB COMPACT FORCE LOGIC® HYDRAULIC PRESS TOOL**
- **The industry’s smallest, lightest press tool: weighs only 1.8 kg for greater user comfort**
- **REDLINK™ overload protection electronics in tool and battery pack deliver tool in class system durability**
- **Patented one hand operation allows to work in restricted areas**
- **Battery-tool communication: press operation doesn’t start to prevent incomplete pressing in case of low charged battery.**
- **Press indicator: provides visual confirmation of a quality connection**
- **Long-term reliability: goes an industry-leading 40,000 cycles between calibration inspections - the tool will not stop working after reaching 40,000 cycles**
- **Individual battery cell monitoring optimises tool run time and eliminates long term pack unavailability**
- **Fuellage at display: remaining charge**
- **REDLITHIUM-ION™ battery pack delivers up to 3x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium ion battery packs**
- **Flexible battery system: works with all Milwaukee® M12™ batteries**
M18 BLHPT
M18™ FORCE LOGIC™ COMPACT BRUSHLESS PRESSTOOL

- New compact brushless motor in FORCE LOGIC™ press tools delivers up to 10% better balance and 20% more runtime
- Standard equipment
  - Max. press size in plastic (mm) 110
  - Max. press size in metal (mm) 108
  - Press force (kN) 32
  - Press cycles 40,000
  - No. of batteries supplied 2

- BRUSHLESS PRESSTOOL
  - New compact brushless motor in FORCE LOGIC™ press tools
  - REDLINK™ overload protection electronics in tool and battery
  - One hand operated tool for overhead applications and working in awkward spaces

- FORCE LOGIC™ press indicator: provides visual confirmation of a valid connection
- FORCE LOGIC™ helps reduce cycle time by reducing the time it takes to achieve the proper connection
- Allows to press systems sized up to 108 mm metal pipes and 130 mm composite pipes
- Milwaukee® design and built brushless POWERSTATE™ motor delivers unmatched runtime and quick expansions

- Included heads: 16/20/25 mm
- Steel gears and integrated magnesium frame
- Quick cam mechanism - single pull continuous action installs in seconds
- Robust D-handle design for easy installation of Q&E fittings
- Auto-rotation head expands PEX pipe quickly and evenly
- Intelligent design delivers optimum balance for overhead applications and illumination in low lit working conditions
- Individual battery cell monitoring optimises tool run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion batteries
- REDLITHIUM-ION™ battery pack delivers up to 4x faster connections and 20% more runtime

C12 PXP
M12™ SUB COMPACT UPONOR® Q&E EXPANSION TOOL

- Auto-rotating head 12 mm to 32 mm (6 bar) and to 25 mm (10 bar) provides accurate, one-handed expansion
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- On-board fuel gauge and LED light
- Battery-tool communication: press operation doesn’t start to deliver up to 10% faster connections and 20% more runtime

HD18 PXP
M18™ HEAVY DUTY UPONOR® Q&E EXPANSION TOOL

- Auto-rotating head 18 mm to 46 mm (6 bar) up to 35 mm (10 bar) provides accurate, one-handed expansion
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- On-board fuel gauge and LED light
- Battery-tool communication: press operation doesn’t start to deliver up to 10% faster connections and 20% more runtime

M18 BLPXPL
M18™ FORCE LOGIC™ UPONOR® Q&E HYDRAULIC PIPE EXPANDING TOOL

- The FORCE LOGIC™ hydraulic expander is the world’s first purely hydraulic expansion tool
- M18™ designed and built brushless POWERSTATE™ motor delivers unmatched runtime and quick expansions
- Expands dimensions DN40, DN50, DN63 and DN75 of 6 and 8 bar) provides accurate, one-handed expansion
- Intelligent design delivers optimum balance for overhead applications and illumination in low lit working conditions

- Auto-rotating head expands PEX pipe quickly and evenly
- Auto-rotation head expands PEX pipe quickly and evenly
- Auto-rotation head expands PEX pipe quickly and evenly

EXPANDER HEADS

<table>
<thead>
<tr>
<th>Pipe diameter (mm)</th>
<th>Pipe wall thickness (mm)</th>
<th>Pipe pressure (bar)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>0.4</td>
<td>6</td>
</tr>
<tr>
<td>5</td>
<td>0.4</td>
<td>6</td>
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<tr>
<td>6</td>
<td>0.5</td>
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<td>1.0</td>
<td>25</td>
</tr>
<tr>
<td>25</td>
<td>1.1</td>
<td>32</td>
</tr>
</tbody>
</table>

- TH63: Right angle design for easy installation of Q&E fittings
- TH: Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- RJA-1: Robust D-handle design for easy installation of Q&E fittings
- U: Right angle design for easy installation of Q&E fittings

- PXPH: High quality connection
- PXPH9: Includes an LED light
- PXPH12: Best in class system durability
- PXPH16: Best in class system durability
M12 CH
M12 FUEL™ COMPACT SDS-PLUS HAMMER

- Industry’s first brushless compact 12V rotary hammer with 1.7 J output (EPTA), 0 - 6575 bpm & 0 - 900 rpm
- REDLINK™ overload protection electronics in tool and battery
- High powered motor gives corded tool performance
- M18™ HEAVY DUTY 4-MODE HD18 H
- Milwaukee®’s high performance 4-pole motor delivers
- M12™ UNIVERSAL HAMMER VAC M12 DE
- Fits all Milwaukee® SDS-plus and the majority of competitor’s
- M12™ UNIVERSAL HAMMER VAC M12 DE
- Superb power to weight ratio of its class with Milwaukee®
- M12™ UNIVERSAL HAMMER VAC M12 DE
- REDLINE PLUS™ intelligence system delivers the most
- M12™ UNIVERSAL HAMMER VAC M12 DE
- 8 hours in a day
- 1.1 Joules (EPTA), 0 - 6575 bpm & 0 - 900 rpm
- Article Number 4933440510 4933440500
- Max. percussion rate (bpm) 7000 7000
- Max. drilling concrete (mm) 16 16
- Max. drilling steel (mm) 10 10
- Max. drilling wood (mm) 16 16
- Tool reception SDS-Plus SDS-Plus
- Charger supplied
- No. of batteries supplied 0 2
- Battery pack capacity (Ah) 2.0 6.0
- No. of batteries supplied 0 2
- Weight with battery pack (kg) 3.5 2.5
- Weight with battery pack (kg) 3.5 2.5
- HD18 H
M18™ HEAVY DUTY 4-MODE SDS HAMMER DRILL
- High powered motor gives cordless tool performance
- REDLINE™ overload protection electronics in tool and battery
- designed and built brushless POWERSTATE™ motor for up to
- All metal gear case: optimum seating for gears to enhance service life
- 4-mode operation: choose rotary hammer, hammer only, rotation only and variolock for maximum versatility
- Vibration and hammer stop function
- Forward & reverse switch for added versatility in fastening applications
- Anti-Vibration-System: delivers max. comfort by minimising vibration
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Fuel gauge displays remaining charge
- Article Number 4933443320 4933443330
- Article Number 4933443468
- Article Number 4933441947 4933441997 4933451510
- Vibration drilling (m/s²) 12.2 4.4 4.4
- Max. drilling concrete (mm) 24 13 13
- Max. drilling steel (mm) 13 10 10
- Max. drilling wood (mm) 30 13 13
- Blow energy (EPTA)(J) 2.4 1.2 1.1
- Tool reception SDS-Plus SDS-Plus SDS-Plus
- Charger supplied 80 min 90 min 40 min
- No. of batteries supplied 2 2 2
- Battery pack capacity (Ah) 4.0 2.0 2.0
- No. of batteries supplied 2 2 2
- Weight with battery pack (kg) 2.5 1.7 1.7
- Weight with battery pack (kg) 2.5 1.7 1.7
- M12 DE
M12™ UNIVERSAL HAMMER VAC
- Fits all Milwaukee® SDS-plus and the majority of competitor’s
- Article Number 4933440510 4933440500
- Article Number 4933443320 4933443330
- Vibration drilling (m/s²) 10.3 10.3
- Vibration drilling (m/s²) 10.3 10.3
- Max. drilling concrete (mm) 16 16
- Max. drilling concrete (mm) 16 16
- Max. drilling steel (mm) 10 10
- Max. drilling steel (mm) 10 10
- Max. drilling wood (mm) 16 16
- Max. drilling wood (mm) 16 16
- Tool reception SDS-Plus SDS-Plus
- Charger supplied
- No. of batteries supplied 0 1
- Battery pack capacity (Ah) 2.0
- No. of batteries supplied 0 1
- Battery pack capacity (Ah) 2.0
- Weight with battery pack (kg) 2.5
- Weight with battery pack (kg) 2.5
- M18 BH
M18™ COMPACT SDS HAMMER
- Superior power to weight ratio in its class 2.5 kg 1.2 J (EPTA)
- Milwaukee®’s high performance 4-pole motor delivers
- Maximum power whilst maximising the power to weight ratio
- REDLINE™ overload protection electronics in tool and battery
- Low vibration value of 10.3 m/s²
- Optional hammer setting from 6 to 10 mm, max diameter 16
- Forward & reverse switch for added versatility in fastening applications
- 16 mm neck size: compatible with M12 DE dust extractor
- Fuel gauge displays remaining charge
- Brightest LED workspace illumination
- Article Number 4933440510 4933440500
- Article Number 4933443320 4933443330
- Article Number 4933443468
- Article Number 4933441947 4933441997 4933451510
- Vibration drilling (m/s²) 4.4 4.4 4.4
- Max. drilling concrete (mm) 13 13 13
- Max. drilling steel (mm) 10 10 10
- Max. drilling wood (mm) 13 13 13
- Blow energy (EPTA)(J) 1.2 1.2 1.1
- Tool reception SDS-Plus SDS-Plus SDS-Plus
- Charger supplied 80 min 90 min 40 min
- No. of batteries supplied 2 2 2
- Battery pack capacity (Ah) 4.0 2.0 2.0
- No. of batteries supplied 2 2 2
- Weight with battery pack (kg) 2.5 1.7 1.7
- Weight with battery pack (kg) 2.5 1.7 1.7
### HD18 HX
**M18** HEAVY DUTY 4-MODE SDS HAMMER DRILL

- High powered motor gives control tool performance
- REDLITHIUM™-ION battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life
- All metal gear case - optimum seating of the gears for enhanced service life
- Vibration chiseling: 9.5 m/s²
- Max. percussion rate: 0 - 4900 bpm
- Max. drill bit length: 160 mm
- Max. drill bit diameter: 16 mm
- Max. drilling depth: 90 mm
- Battery pack capacity: 5.0 Ah
- Max. drill bit length: 160 mm
- Max. drill bit diameter: 16 mm
- Battery pack capacity: 5.0 Ah

### M18 CHX
**M18 FUEL™** SDS-PLUS HAMMER

- Milwaukee® designed and built brushless POWERSTATE™ motor for maximum performance
- REDLINK PLUS™ intelligence system delivers the most advanced digital power management for maximum durability
- All metal gear case - optimum seating of the gears for enhanced service life

### M18 CDEX
**M18 FUEL™** SDS-PLUS DUST EXTRACTOR

- Designed to collect dust effectively with automatic operation from the tool on/off trigger switch
- High demand 9.0 Ah REDLITHIUM-ION™ battery pack delivers up to 5x more run time, up to 35% more power, up to 2x more battery life
- Large dust collection box
- HEPA filter: widely regarded as the ultimate filter that traps all sizes of particles with an efficiency rating of 99.75%
- Dust extraction aluminium tube is adjustable according to the size of the drill bit and length 16 mm max over 90 cm depth
- Compatible with M18 CHX

### M18 CHPX
**M18 FUEL™** SDS-PLUS HAMMER

- Milwaukee® designed and built brushless POWERSTATE™ motor for maximum performance
- REDLINK PLUS™ intelligence system delivers the most advanced digital power management for maximum durability
- All metal gear case - optimum seating of the gears for enhanced service life

### M18 FUEL™ SDS-MAX DRILLING AND BREAKING HAMMER

- The world’s first 19.5 kg SDS-Max hammer for maximum versatility and productivity with equal performance to an AC tool
- Milwaukee® designed and built brushless POWERSTATE™ motor
- REDLINK PLUS™ intelligence system delivers the most advanced digital power management for maximum durability and service life
- All metal gear case - optimum seating of the gears for enhanced service life

---

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<tr>
<th>Model</th>
<th>Battery Pack</th>
<th>Tool Weight (Lb)</th>
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<tr>
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<td>19.5 kg</td>
</tr>
<tr>
<td>M18 CDEX</td>
<td>5.0 Ah</td>
<td>19.5 kg</td>
</tr>
<tr>
<td>M18 CHPX</td>
<td>5.0 Ah</td>
<td>19.5 kg</td>
</tr>
</tbody>
</table>

---

### M18-28 CPDEX
**M18-28 FUEL™** HEAVY DUTY DUST EXTRACTOR

- Designed to collect dust effectively with automatic operation from the tool on/off trigger switch
- REDLITHIUM-ION™-ION battery pack delivers up to 5x more run time, up to 35% more power, up to 2x more battery life
- Dust extraction aluminium tube is adjustable according to the size of the drill bit and length 16 mm max over 90 cm depth
- Compatible with M18 CHX
PH 26
26 MM SDS-PLUS 3-MODE HAMMER

- Most compact, slanting hammer available in its class
- Unbeatable performance with 8 J of blow energy and 450 rpm full speed
- The highest tool reception 180 mm, 2 x hexagonal (499023010)
- Extreme M35 head assembly thanks to integrated metal block
- Innovative and patented internal weight reduction technology
- Roto-stop function
- Safety clutch protects machine and user if bit jams
- X-variables come with fast changing FIXTEC adapter with keyless chuck
- 4 in case

K 545 S
5 KG CLASS DRILLING AND BREAKING HAMMER

- Large, heavy weight striker delivers maximum 8.5 J impact energy
- Powerful 1520 watt assures maximum power yet due to better heat dissipation, guarantees maximum possible durability
- Soft start for precise start of drilling/chiseling
- Soft magnet reduces blow energy for drilling/ chiseling
- Roto-stop and multi-position chisel function
- Service indicator light
- Variable (12 positions) for selecting the most appropriate chisel angle

PH 30
30 MM SDS-PLUS 3-MODE HAMMER

- Over sized heavy weight striker delivers 3.5 J of impact energy
- 1050 watt motor combined with optimised drilling speed results in optimum performance
- Soft start for precise start of drilling/chiseling
- Long lifetime due to keyless and gap in main and side handle
- Soft handle mode for drilling in sensitive materials
- Fast tool changing from FIXTEC system with keyless chuck
- Great density in steel in accordance with the integrated non-wear steel mount
- Special design for the soft action and rotational direction
- Built-in indicator light (for white glowing on forward & reverse action)
- Built-in pressure protection machine and user if 9.8 J bit jams
- 4 in case

K 750 S
7 KG CLASS DRILLING AND BREAKING HAMMER

- Large, heavy weight striker delivers maximum 11.2 J impact energy
- Powerful 1950 watt assures maximum power yet due to better heat dissipation, guarantees maximum possible durability
- Soft start for precise start of drilling/chiseling
- Soft magnet reduces blow energy for drilling/ chiseling
- Roto-stop and multi-position chisel function
- Service indicator light
- Variable (12 positions) for selecting the most appropriate chisel angle

PH 28
3 KG L-SHAPE SDS-PLUS HAMMER

- Hardest hitting compact SDS-hammer in its class. Tough, durable hammer with excellent drilling performance in concrete from the high torque motor and gears and a 4.1 joule single blow
- 1050 watt motor combined with optimised drilling speed results in optimum performance
- Low vibration 8.4 m/s² thanks to integrated anti-vibration handle
- Good balance and easy handling from the compact L-shape design with keyless chuck
- 13 different positions to optimise working angle
- Roto-stop and variable for maximum control when using light chiseling or drilling
- X-variable comes with fast changing FIXTEC-adapter and 13 mm beyond chisel

K 540 S
5 KG CLASS DRILLING AND BREAKING HAMMER

- Best power to weight ratio in its class - 7.2 J and 6.5 kg
- Powerful 1350 watt assures maximum power yet due to better heat dissipation, guarantees maximum possible durability
- Soft start for precise start of drilling/chiseling
- Soft magnet reduces blow energy for drilling/ chiseling
- Roto-stop and multi-position chisel function gives 12 different positions to select the most appropriate angle
- 4 in case

PH 26 - K 545 S
PH 30 - K 750 S
PH 28 - K 540 S

- Article Number 4932430835
- Fixtec Yes
- Tool reception SDS-Plus
- Max. drilling wood (mm) 40
- Max. drilling steel (mm) 13
- Max. drilling concrete (mm) 30
- Full load hammer action (bpm) 0 - 3800
- Blow energy (EPTA)(J) 3.6
- Power input (W) 800
- Full load speed (rpm) 0 - 1000
- No load speed (rpm) 450
- Vibration drilling (m/s² ) 9.5
- Vibration chiseling (m/s² ) 9.1
- Weight (kg) 6.7
- Weight (kg) 2.4
- Vibration drilling (m/s² ) 11.2
- Vibration chiseling (m/s² ) 9
- Tool reception SDS-Max
- Max. drilling solid bit (mm) 50
- Full load hammer action (bpm) 2840
- Full load speed (rpm) 350
- No load speed (rpm) 450
- Weight (kg) 6.3
- Vibration drilling (m/s² ) 10.6
- Vibration chiseling (m/s² ) 6.8
### SDS-MAX HP FLAT CHISEL SELF SHARPENING

- Up to 2x longer life vs standard chisels.
- Longer tip promotes longer lifetime.
- Tip maintains shape throughout its life minimizing the need for re-sharpening.
- Reinforced head maintains head shape even at the base.
- Provides self-sharpening action and maintains productivity level by efficiently breaking material.

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</tbody>
</table>

### SDS-MAX HP POINTED CHISEL SELF SHARPENING

- Up to 2x longer life vs standard chisels.
- Longer tip promotes longer lifetime.
- Tip maintains shape throughout its life minimizing the need for re-sharpening.
- Reinforced head maintains head shape even at the base.
- Provides self-sharpening action and maintain productivity level by efficiently breaking material.

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### SDS-MAX DUSTLESS DRILL BITS

- Faster and more efficient drill bit due to effective dust removal.
- Efficient drilling with less dust for cleaner working environment.
- New flute geometry ensures the highest volume dust removal.
- Symmetrical 4 cutter geometry (4x90°) Perfect round holes for optimal anchor fitting.
- Reinforced flute. High volume flute geometry for optimum dust extraction.
- Tapered shoulder design. Thinner shoulder towards drill tip.
- Enlarged rebar chamfers. Prevents side tip damage when hitting rebar.
- Centering tip ensures immediate spot drilling with high precision.
- 4 breaker points pulverize material more efficiently and allow higher durability of the tip and higher lifetime.
- Up to 20% higher speed and less friction providing for greater speed. Ideal for cordless drills.
- Produces a “Demolition” effect and create micro cracks in the base for higher stability and reduced breakage.

<table>
<thead>
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### SDS-MAX HP FLAT CHISEL SETS

- Drills holes 25 mm to 124 mm with Ø 16 to Ø 24 mm.
- Packed in a plastic container.

<table>
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### SDS-MAX HP FLAT CHISEL SETS

- Drills holes 25 mm to 124 mm with Ø 16 to Ø 24 mm.
- Packed in a plastic container.

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</table>

### SDS-MAX DUSTLESS DRILL BITS SETS

- Drills holes 16 mm to 100 mm with Ø 3.5 to Ø 16 mm.
- Packed in a plastic container.

<table>
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</tbody>
</table>
### Milwaukee® M12™ Sub Compact Drill Driver

- **Milwaukee® high performance sub compact drill driver measures 150 mm in length making it ideal for working within confined spaces.
- **REDLITHIUM™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies.
- **Individual battery cell monitoring optimises tool run time and assures long term pack durability.
- **Flexible battery system: works with all Milwaukee® M12™ batteries.
- **Flexible battery system delivers the most advanced digital overload protection for tool and battery and assures maximum tool performance under load.
- **REDLITHIUM™ battery pack delivers up to 2x more run time, up to 25% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies.
- **Individual battery cell monitoring optimises tool run time and assures long term pack durability.
- **Flexible battery system: works with all Milwaukee® M12™ batteries.

### Milwaukee® M12™ FUEL™ Compact 2-Speed Drill Driver

- **Milwaukee® high performance sub compact drill driver measures 150 mm in length making it ideal for working within confined spaces.
- **REDLITHIUM™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies.
- **Individual battery cell monitoring optimises tool run time and assures long term pack durability.
- **Flexible battery system: works with all Milwaukee® M12™ batteries.

<table>
<thead>
<tr>
<th>Article Number</th>
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<td><strong>No load speed gear 2 (rpm)</strong></td>
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### Milwaukee® M12™ FUEL™ Compact 2-Speed Driver

- **Milwaukee® high performance sub compact drill driver measures 150 mm in length making it ideal for working within confined spaces.
- **REDLITHIUM™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies.
- **Individual battery cell monitoring optimises tool run time and assures long term pack durability.
- **Flexible battery system: works with all Milwaukee® M12™ batteries.

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<tr>
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### Milwaukee® M12™ FUEL™ Compact 2-Speed Drill Driver

- **Milwaukee® high performance sub compact drill driver measures 150 mm in length making it ideal for working within confined spaces.
- **REDLITHIUM™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies.
- **Individual battery cell monitoring optimises tool run time and assures long term pack durability.
- **Flexible battery system: works with all Milwaukee® M12™ batteries.

<table>
<thead>
<tr>
<th>Article Number</th>
<th>M12 CDD-0</th>
<th>M12 CDD-202C</th>
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### M12 BPD

**M12** **SUB COMPACT PERCUSSION DRILL**

- Milwaukee high performance sub compact percussion drill measuring only 185 mm in length, making it ideal for working within confined spaces.
- REDLINK™ overload protection electronics in tool and battery pack deliver extended run time and more cycles working in every situation.
- 10 mm metal chuck for quick bit changes and bit retention.
- Individual battery pack monitoring optimises tool run time and ensures long term pack durability.
- On board fuel gauge and LED light - added user convenience and visibility.
- REDLINK™ PLUS battery pack delivers up to 2x more run time, up to 24% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies.
- Flexible battery system: works with all Milwaukee™ M12™ batteries.

### M12 CPD

**M12** **FUEL™ COMPACT 2-SPEED PERCUSSION DRILL**

- Milwaukee®’s designed and built brushless POWERSTATE™ motor for up to 16% longer run time, up to 2x more power and up to 3x more run time.
- Select from a range of application profiles or quickly create your own for perfect results on every trigger pull.
- Connect via Bluetooth® with the Milwaukee® ONE-KEY™ app for complete tool customisation via ONE-KEY™ app to tune the tool to your needs.
- Complete tool customisation via ONE-KEY™ app to tune the tool to your needs.
- One-key technology offers intuitive functions and LED.
- Battery fuel gauge displays remaining charge.
- Optimised speed for faster drilling & fastening (0 - 450 / 0 - 400 rpm).
- All-metal gear case and 13 mm metal chuck for quick bit changes and bit retention.
- Battery fuel gauge displays remaining charge.
- Battery pack capacity (Ah): 2.0
- Max. torque (Nm): 50
- Max. drilling steel (mm): 13
- No load speed gear 1 (rpm): 0 - 450
- No load speed gear 2 (rpm): 0 - 550
- Max. percussion rate (bpm): 25,500
- Max. drilling wood (mm): 22
- Max. drilling masonry (mm): 10
- 10 mm metal chuck for quick bit changes and bit retention.
- Individual battery pack monitoring optimises tool run time and ensures long term pack durability.
- REDLINK™ overload protection electronics in tool and battery pack deliver extended run time and more cycles working in every situation.
- 10 mm metal chuck for quick bit changes and bit retention.
- Individual battery pack monitoring optimises tool run time and ensures long term pack durability.
- REDLINK™ PLUS battery pack delivers up to 2x more run time, up to 24% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies.
- Flexible battery system: works with all Milwaukee™ M12™ batteries.

### M18 BPD

**M18** **SUB COMPACT DRILL DRIVER**

- Compact drill driver measuring only 116 mm in length, making it ideal for working in confined spaces.
- Milwaukee®’s designed and built brushless POWERSTATE™ motor delivers more torque, longer run time and 2x fewer failures compared to competition.
- REDLINK™ overload protection electronics in tool and battery pack deliver extended run time and more cycles working in every situation.
- Full metal gear box delivers maximum performance and long life.
- 13 mm metal chuck for quick bit changes and bit retention.
- Individual battery pack monitoring optimises tool run time and ensures long term pack durability.
- Flexible battery system: works with all Milwaukee™ M18™ batteries.

### M18 FDD

**M18** **FUEL™ DRILL DRIVER**

- More power - unmatched torque of 125 ft-lb.
- More speed - delivers up to 3000 rpm.
- Smaller size - length of just 116 mm.
- M18 FUEL™ Drill Driver powered by REDLITHIUM-ION™ 4.0 battery pack delivers up to 2X more run time, up to 20% more power, up to 2X more battery life and operates better down to -20°C than other lithium-ion technologies.
- Individual battery pack monitoring optimises tool run time and ensures long term pack durability.
- Battery fuel gauge displays remaining charge.
- Battery pack capacity (Ah): 2.0
- Max. torque (Nm): 37
- Max. drilling wood (mm): 22
- No load speed gear 1 (rpm): 0 - 400
- No load speed gear 2 (rpm): 0 - 1800
- Max. drilling masonry (mm): 10
- 10 mm metal chuck for quick bit changes and bit retention.
- Individual battery pack monitoring optimises tool run time and ensures long term pack durability.
- REDLINK™ overload protection electronics in tool and battery pack deliver extended run time and more cycles working in every situation.
- 10 mm metal chuck for quick bit changes and bit retention.
- Individual battery pack monitoring optimises tool run time and ensures long term pack durability.
- REDLINK™ PLUS battery pack delivers up to 2x more run time, up to 24% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies.
- Flexible battery system: works with all Milwaukee™ M18™ batteries.

---

### Table of Specifications

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<td>Charger supplied</td>
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</table>
**M18 BLPD**

**M18™ COMPACT BRUSHLESS PERCUSSION DRILL**

- More speed - delivers up to 2000 rpm
- More power - unmatched torque of 135 Nm
- REDLINK™ overload protection electronics in tool and battery protect tool and battery from damage

**Specifications**
- MAXIMUM DRILLING MASONRY (mm): 13
- MAX. TORQUE (Nm): 135
- MAX. PERCUSSION RATE (bpm): 0 - 32,000
- MAX. DRILLING WOOD (mm): 13
- CHUCK CAPACITY (mm): 13
- NO LOAD SPEED GEAR 2 (rpm): 0 - 2000
- BATTERY PACK DELIVERS: up to 2.5x more power
- REDLITHIUM®-ION™ battery pack delivers up to 2.5x more power
- On board fuel gauge and LED light
- Multi-position handle design allows for multiple hand positions
- Step drills are ideal for drilling into the following materials:
  - Hard materials such as porcelain/gres/quarry tiles, cast iron, and non-ferrous metals
  - Ferrous & non-ferrous sheets metals, profiles and pipes.

**Supplied in HD Box**
- Article Number: 4933451446
- No. of batteries supplied: 0
- No. of chargers supplied: 1
- Charger supplied

**M18 FPD**

**M18 FUEL™ PERCUSSION DRILL**

- MORE SPEED - delivers up to 3000 rpm
- MORE POWER - unmatched torque of 135 Nm
- REDLITHIUM®-ION™ battery pack delivers up to 2.5x more power
- REDLINK™ overload protection electronics in tool and battery protect tool and battery from damage

**Specifications**
- MAXIMUM DRILLING MASONRY (mm): 13
- MAX. TORQUE (Nm): 20
- MAX. PERCUSSION RATE (bpm): 0 - 32,000
- MAX. DRILLING WOOD (mm): 13
- CHUCK CAPACITY (mm): 13
- NO LOAD SPEED GEAR 2 (rpm): 0 - 1800
- 2.0 5.0
- 2.5
- Kitbox

**Supplied in Kitbox**
- Article Number: 4933448446
- No. of batteries supplied: 0
- No. of chargers supplied: 1
- Charger supplied

**M18 ONEPD**

**ONE-KEY™ FUEL PERCUSSION DRILL**

- MORE POWER - delivers up to 3000 rpm
- MORE SPEED - delivers up to 3000 rpm
- REDLITHIUM®-ION™ battery pack delivers up to 2.5x more power
- REDLINK™ overload protection electronics in tool and battery protect tool and battery from damage

**Specifications**
- MAXIMUM DRILLING MASONRY (mm): 13
- MAX. TORQUE (Nm): 20
- MAX. PERCUSSION RATE (bpm): 0 - 32,000
- MAX. DRILLING WOOD (mm): 13
- CHUCK CAPACITY (mm): 13
- NO LOAD SPEED GEAR 2 (rpm): 0 - 1800
- 2.0 5.0
- 2.5
- Kitbox

**Supplied in Kitbox**
- Article Number: 4933448447
- No. of batteries supplied: 0
- No. of chargers supplied: 1
- Charger supplied

**C18 RAD**

**M18™ COMPACT RIGHT ANGLE DRILL**

- Optimised performance: 1500 rpm at 20 Nm
- REDLINK™ overload protection electronics in tool and battery protect tool and battery from damage
- Multi-position handle design allows for multiple hand positions and maximum control over tool
- Built-in LED light illuminates the work surface

**Specifications**
- MAXIMUM DRILLING WOOD (mm): 13
- MAX. PERCUSSION RATE (bpm): 0 - 32,000
- MAX. DRILLING MASONRY (mm): 13
- CHUCK CAPACITY (mm): 13
- NO LOAD SPEED GEAR 2 (rpm): 0 - 2000
- 2.0 5.0
- 2.5
- Kitbox

**Supplied in Kitbox**
- Article Number: 49324083
- No. of batteries supplied: 0
- No. of chargers supplied: 1
- Charger supplied

**DIAMOND PLUS™ WET / DRY DRILL BITS**

- Diamond grit edge drill and holesaw have been specially developed for use on extremely hard materials such as porcelain/gres/quarry tiles, cast iron, steel and non-ferrous metals. Superior performance and superior lifetime even in the hardest of materials.

**Specifications**
- DIAMETER (mm): 5 - 19
- RECEPTION: reception
- Article Number: 49224152
- No. of pilots supplied: 2
- No. of pilot drills supplied: 2
- Pilot drills: for holesaws Ø 14 - 30 mm (Id. 49224102)
- Arbor: for holesaws Ø 19 - 25 mm (Id. 49569100) 2 x pilot drills,

**Supplied in Article Number**
- Article Number: 49960060
- No. of pilot drills supplied: 2
- No. of pilots supplied: 2
- Pilot drills: Ø 25, 32, 40, 54, 68, 76 mm. Arbor - for holesaws Ø 14 - 30 mm (Id. 49224201)
- Arbor: for holesaws Ø 19 - 25 mm (Id. 49224102) 2 x pilot drills, "A" hex allen key.

**HOLE DOZER™ HOLESAW SETS**

- Cutting edge technology for maximum productivity.
- Tooth design - A variable 4 - 6 teeth per inch tooth design with a positive 15° tooth angle provides the following benefits: higher chip clearance resulting in the requirement of less force during drilling, chip clearance prevents snagging and heat build up. Special diamond grit Holland only use for holesaw in to ensure durability.
- Tooth design - A variable 4 - 6 teeth per inch tooth design with a positive 15° tooth angle provides the following benefits: higher chip clearance resulting in the requirement of less force during drilling, chip clearance prevents snagging and heat build up.

**METAL DRILL BITS THUNDERWEB - DIN 338 CASSETTES**

- Thunderweb design is characterised by a conical shaped web which guides flute cleaner towards the back of the drill. Standard 3 flute drills have a constant thickness throughout their length. Each flute has the shaped pointed web of the Thunderweb tool which results in superb chip extraction and minimum cutting forces. The web design is built-in.

**Step drills are ideal for drilling into the following materials:**
- Non-ferrous metals, brass, copper and plastic.
- Non-ferrous metals, brass, copper and plastic.
- Copper, brass and aluminium.
- Stainless steel - Plastic, Wood.

**STEP DRILLS**

**Description**
- Shank diameter
- Overall length
- No. of steps

**Supplied in Article Number**
- Article Number: 49224212
- No. of pilots supplied: 2
- No. of pilots supplied: 2
- Pilot drills: Ø 25, 32, 40, 54, 68, 76 mm. Arbor - for holesaws Ø 14 - 30 mm (Id. 49224102)
- Arbor: for holesaws Ø 19 - 25 mm (Id. 49224102) 2 x pilot drills, "A" hex allen key.

**Supplied in Article Number**
- Article Number: 49224212
- No. of pilots supplied: 2
- No. of pilots supplied: 2
- Pilot drills: Ø 25, 32, 40, 54, 68, 76 mm. Arbor - for holesaws Ø 14 - 30 mm (Id. 49224102)
- Arbor: for holesaws Ø 19 - 25 mm (Id. 49224102) 2 x pilot drills, "A" hex allen key.

**Description**
- Shank diameter
- Overall length
- No. of steps

**Supplied in Article Number**
- Article Number: 49224212
- No. of pilots supplied: 2
- No. of pilots supplied: 2
- Pilot drills: Ø 25, 32, 40, 54, 68, 76 mm. Arbor - for holesaws Ø 14 - 30 mm (Id. 49224102)
- Arbor: for holesaws Ø 19 - 25 mm (Id. 49224102) 2 x pilot drills, "A" hex allen key.
**IMPACT DRIVERS**

**REDLITHIUM-ION™ battery pack delivers up to 2X more run time, up to 20% more power, up to 2X more battery life and operates better down to -20°C than other lithium-ion technologies.**

**On board fuel gauge and LED light - added user convenience**

**Individual battery cell monitoring optimises tool run time and maximum torque**

**Heavy duty full metal gears and gears for superior durability and maximum torque**

**Flexible battery system: works with all Milwaukee® M18™ batteries**

**REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability**

**REDLINK PLUS™ intelligence system delivers the most application versatility**

**One-handed bit insert with retention lock**

**Brightest LED workspace illumination**

**Heavy duty full metal gearbox and gears for superior durability**

**1/4˝ Hex chuck for quick and easy bit change**

**˝ Hex drive with click lock for single hand loading of bit**

**˝ Hex chuck for quick and easy bit change**

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### M12 BID
**M12™ SUB COMPACT IMPACT DRIVER**

- Milwaukee® high performance sub compact impact driver measures 137 mm in length making it ideal for working within confined spaces.
- Milwaukee® designed and built brushless FUEL™/BID™ motor for up to 2x longer motor life and up to 2x more power.
- REDLINK PLUS™ intelligence system delivers the most application versatility.
- Unique enhancements in design and materials uniquely enhances the tool performance under load.
- The Milwaukee® DRIVE CONTROL™ allows the user to shift into two different speed and torque settings to maximise application versatility.
- Mode 1 for precision work.
- Mode 2 delivers maximum performance for the toughest applications.
- REDLITHIUM™ battery pack delivers up to 2X more run time, up to 20% more power, up to 2X more battery life and operates better down to -20°C than other lithium-ion technologies.
- Individual battery cell monitoring optimises tool run time and maximum torque.

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### M12 CID
**M12 FUEL™ COMPACT 1/4˝ HEX IMPACT DRIVER**

- Milwaukee® high performance sub compact impact driver measures 165 mm in length making it ideal for working within confined spaces.
- Milwaukee® designed and built brushless FUEL™/BID™ motor for up to 2x longer motor life and up to 2x more power.
- REDLINK PLUS™ intelligence system delivers the most application versatility.
- Unique enhancements in design and materials uniquely enhances the tool performance under load.
- The Milwaukee® DRIVE CONTROL™ allows the user to shift into two different speed and torque settings to maximise application versatility.
- Mode 1 for precision work.
- Mode 2 delivers maximum performance for the toughest applications.
- REDLITHIUM™ battery pack delivers up to 2X more run time, up to 20% more power, up to 2X more battery life and operates better down to -20°C than other lithium-ion technologies.
- Individual battery cell monitoring optimises tool run time and maximum torque.

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### M18 BID
**M18™ COMPACT IMPACT DRIVER**

- Compact impact driver measures 140 mm in length making it ideal for working within confined spaces.
- Milwaukee® high performance 4-pole motor delivers maximum power whilst maximising the power to weight ratio.
- Powerful 18 V REDLITHIUM™ ion battery pack delivers best in class system durability.
- Heavy duty full metal gears and gears for superior durability and maximum torque.
- ˝ Hex drive with click lock for single hand loading of bit.
- Individual battery cell monitoring optimises tool run time and maximum torque.
- REDLITHIUM™ battery pack delivers up to 2X more run time, up to 20% more power, up to 2X more battery life and operates better down to -20°C than other lithium-ion technologies.

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<td>Weight with battery pack (kg)</td>
<td>1.7</td>
</tr>
<tr>
<td>Max. torque (Nm)</td>
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<td>Max. torque (Nm)</td>
<td>180</td>
<td>Max. torque (Nm)</td>
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<tr>
<td>Impact rate (ipm)</td>
<td>0 - 3600</td>
<td>Impact rate (ipm)</td>
<td>0 - 3600</td>
<td>Impact rate (ipm)</td>
<td>0 - 3600</td>
</tr>
<tr>
<td>No load speed (rpm)</td>
<td>0 - 2000/0 - 2750</td>
<td>No load speed (rpm)</td>
<td>0 - 2000/0 - 2750</td>
<td>No load speed (rpm)</td>
<td>0 - 2000/0 - 2750</td>
</tr>
</tbody>
</table>

---

### M18 BLID
**M18™ COMPACT BRUSHLESS IMPACT DRIVER**

- Compact impact driver measures only 137 mm in length with 99 mm head height.
- Shaftless motor technology delivers 170 Nm of torque, 2600 rpm and 0 - 3600 ipm.
- Milwaukee® high performance 4-pole motor delivers maximum power whilst maximising the power to weight ratio.
- Powerful 18 V REDLITHIUM™ ion battery pack delivers best in class system durability.
- Heavy duty full metal gears and gears for superior durability and maximum torque.
- Brightest LED workspace illumination.
- Individual battery cell monitoring optimises tool run time and maximum torque.
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability.
- REDLINK PLUS™ intelligence system delivers the most application versatility.
- One-handed bit insert with retention lock.
- Flexible battery system: works with all Milwaukee® M18™ batteries.

<table>
<thead>
<tr>
<th>Article Number</th>
<th>4933444440</th>
<th>Article Number</th>
<th>4933444444</th>
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<td>Weight with battery pack (kg)</td>
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<td>Impact rate (ipm)</td>
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<td>Impact rate (ipm)</td>
<td>0 - 3600</td>
</tr>
<tr>
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<td>0 - 2000/0 - 2750</td>
<td>No load speed (rpm)</td>
<td>0 - 2000/0 - 2750</td>
</tr>
</tbody>
</table>
**M18 FID**

**M18 FUEL™ 1/4” HEX IMPACT DRIVER**

- Milwaukee designed and built brushless POWERSTATE™ motor for up to 4X longer life and up to 50% more power than previous generation drivers.
- Cruise control allows the user to set a torque or speed value within preset ranges to increase productivity.
- Available with ONE-KEY™ technology for complete tool customization via ONE-KEY™ app.
- FEATURES INTO THE FID: Designed for demanding industrial and professional applications. Perfect balance of speed, torque, and power.
- The Milwaukee DRIVE CONTROL™ allows the user to shift Mode 1 for precision work or Mode 3 for increased power, torque and speed for applications requiring greater force.

**Specifications**

<table>
<thead>
<tr>
<th>Model</th>
<th>Tool</th>
<th>Battery Pack</th>
<th>Motor</th>
<th>Charger</th>
<th>No. of Batteries</th>
<th>Max. Torque (Nm)</th>
<th>Impact Rate (ipm)</th>
<th>No Load Speed (rpm)</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>M18 FID-0X</td>
<td>Tool Only</td>
<td>M12B1</td>
<td>M1811</td>
<td>M1812</td>
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<td>M18 FID-502X</td>
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<td>M1811</td>
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<td>900/2100/3000/3000</td>
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</table>

**M18 ONEID**

**ONE-KEY™ FUEL™ 1/4” HEX IMPACT DRIVER**

- Designed for use with Impact Drivers the Shockwave Impact Duty™ accessory line is not only ideal for heavy duty impact applications, but also delivers a full system solution for all the way from impact and drilling to cutting and driving.
- The Shockwave Impact Duty™ accessory line is not only ideal for heavy duty impact applications, but also delivers a full system solution for all the way from impact and drilling to cutting and driving.
- New REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and advanced battery management to deliver maximum performance and increased durability over a standard impact driver.
- Electrically controlled tool reaction and overdrive management for optimal tool control.
- The Milwaukee DRIVE CONTROL™ allows the user to shift Mode 1 for precision work or Mode 3 for increased power, torque and speed for applications requiring greater force.

**Specifications**

<table>
<thead>
<tr>
<th>Model</th>
<th>Tool</th>
<th>Battery Pack</th>
<th>Motor</th>
<th>Charger</th>
<th>No. of Batteries</th>
<th>Max. Torque (Nm)</th>
<th>Impact Rate (ipm)</th>
<th>No Load Speed (rpm)</th>
<th>Price</th>
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</thead>
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<td>M1812</td>
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</table>

**M18 FOID**

**M18 FUEL™ SURGE™ 1/4” HEX HYDRAULIC IMPACT DRIVER**

- The M18 FUEL™ SURGE™ hydraulic driver is the quietest cordless fastening solution on the market.
- POWERSTATE™ brushless motor delivers up to 0 - 3000 RPM with constant power output to drive screws faster.
- REDLITHIUM-ION™ battery pack delivers up to 2.5x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion batteries.
- Battery cell monitoring optimizes tool run time and ensures long term pack durability.
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and advanced battery management to deliver maximum performance and increased durability over a standard impact driver.

**Specifications**

<table>
<thead>
<tr>
<th>Model</th>
<th>Tool</th>
<th>Battery Pack</th>
<th>Motor</th>
<th>Charger</th>
<th>No. of Batteries</th>
<th>Max. Torque (Nm)</th>
<th>Impact Rate (ipm)</th>
<th>No Load Speed (rpm)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>M18 FOID-0X</td>
<td>Tool Only</td>
<td>M12B1</td>
<td>M1811</td>
<td>M1812</td>
<td>0</td>
<td>26/80/203/0-203</td>
<td>1800/2900/3700/0-3700</td>
<td>850/1500/2100/3000</td>
<td>$100</td>
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</tbody>
</table>
**M12 BDC6**

**M12™ SUB COMPACT DRAIN CLEANER WITH SPIRAL DIAMETER 6 MM**

- Lightest professional drain cleaner on the market
- Versatile design, provides benefits of both handheld and floor-based drain cleaners in one machine
- Best user flexibility and manoeuvrability due to the independence of electric power supply
- Tool includes a highly flexible 6 mm spiral for easy access in drainpipes up to 50 mm, even all standard Ø 6 & 8 mm spirals can be used with the tool
- Robust drum shield protects user & fixtures from spinning drum during use
- Easy removable inner drum helps to prevent spiral bind up and contains dirt inside the drum
- Quick cable lock mechanism for manual feeding and releasing the spiral
- Integrated LED light illuminates work area underneath sinks and other dark spaces

**Specifications**

<table>
<thead>
<tr>
<th>M12 BDC6-0</th>
<th>M12 BDC6-202C</th>
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</thead>
<tbody>
<tr>
<td>Battery pack capacity (Ah)</td>
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<tr>
<td>No. of batteries supplied</td>
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<tr>
<td>Charger supplied</td>
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<tr>
<td>No load speed (rpm)</td>
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<tr>
<td>Max. drain diameter (mm)</td>
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</tr>
<tr>
<td>Spiral diameter (mm)</td>
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<tr>
<td>Spiral length (m)</td>
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<tr>
<td>Bucket capacity (l)</td>
<td>22.5</td>
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<tr>
<td>Weight with battery pack (kg)</td>
<td>−</td>
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</table>

**M12 BDC8**

**M12™ SUB COMPACT DRAIN CLEANER WITH SPIRAL DIAMETER 8 MM**

- Lightest professional drain cleaner on the market
- Versatile design, provides benefits of both handheld and floor-based drain cleaners in one machine
- Best user flexibility and manoeuvrability due to the independence of electric power supply
- Tool includes a tough 8 mm spiral for strong blockages in pipes up to 60 mm, even all standard Ø 6 & 8 mm spirals can be used with the tool
- Robust drum shield protects user & fixtures from spinning drum during use
- Easy removable inner drum helps to prevent spiral bind up and contains dirt inside the drum
- Quick cable lock mechanism for manual feeding and releasing the spiral
- Integrated LED light illuminates work area underneath sinks and other dark spaces

**Specifications**

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<th>M12 BDC8-0</th>
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</thead>
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<td>No. of batteries supplied</td>
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<td>No load speed (rpm)</td>
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<td>Max. drain diameter (mm)</td>
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<td>Bucket capacity (l)</td>
<td>22.5</td>
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<tr>
<td>Weight with battery pack (kg)</td>
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**M12 DRAIN CLEANER ACCESSORIES**

- Ø 8 mm x 7.6 m spiral, bulb auger. Article Number: 48532571
- Ø 8 mm x 7.6 m spiral, pivot bulb auger. Article Number: 48532572
- Ø 6 mm x 7.6 m spiral, bulb auger. Article Number: 48532573
- Ø 6 mm x 7.6 m spiral, pivot bulb auger. Article Number: 48532574
- Ø 8 mm x 7.6 m spiral, bulb auger with drum. Article Number: 48532581
- Ø 8 mm x 7.6 m spiral, pivot bulb auger with drum. Article Number: 48532582
- Ø 6 mm x 7.6 m spiral, bulb auger with drum. Article Number: 48532583
- Ø 6 mm x 7.6 m spiral, pivot bulb auger with drum. Article Number: 48532584
### M12 PCG/600
**M12** SUB COMPACT CAULK GUN WITH 600 ML TUBE

- **Up to 4500 N of force.** Min 40% higher than current Milwaukee® caulk guns.
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability.
- Optimised performance with all construction adhesives and cool temperatures.
- Anti-stick feature prevents unwanted dripping when trigger is released.
- Dial control with 6 speed settings allows for maximum bead control.
- Large robust plunger design ensures constant flow, reduces blow-back and expels all sealant from cartridge.
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability.
- Fuel gauge displays remaining charge.
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies.
- Flexible battery system: works with all Milwaukee® M12™ batteries.

<table>
<thead>
<tr>
<th>Article Number</th>
<th>Type</th>
<th>Speed Settings</th>
<th>Max. Pushing Force (N)</th>
<th>No. of Batteries Supplied</th>
<th>Weight with Battery Pack (kg)</th>
<th>Battery Pack Capacity (Ah)</th>
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</table>

### M12 PCG/400
**M12** SUB COMPACT CAULK GUN WITH 400 ML TUBE

- **Up to 4500 N of force.** Min 40% higher than current Milwaukee® caulk guns.
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability.
- Optimised performance with all construction adhesives and cool temperatures.
- Anti-stick feature prevents unwanted dripping when trigger is released.
- Dial control with 6 speed settings allows for maximum bead control.
- Large robust plunger design ensures constant flow, reduces blow-back and expels all sealant from cartridge.
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability.
- Fuel gauge displays remaining charge.
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies.
- Flexible battery system: works with all Milwaukee® M12™ batteries.

<table>
<thead>
<tr>
<th>Article Number</th>
<th>Type</th>
<th>Speed Settings</th>
<th>Max. Pushing Force (N)</th>
<th>No. of Batteries Supplied</th>
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<th>Battery Pack Capacity (Ah)</th>
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<th>Tool Bag</th>
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<td>Yes</td>
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</table>

### M12 PCG/310
**M12** SUB COMPACT CAULK GUN WITH 310 ML CARTRIDGE HOLDER

- **Up to 1780 N of force.**
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability.
- Optimised performance with all construction adhesives and cool temperatures.
- Anti-stick feature prevents unwanted dripping when trigger is released.
- Dial control with 6 speed settings allows for maximum bead control.
- Large robust plunger design ensures constant flow, reduces blow-back and expels all sealant from cartridge.
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability.
- Fuel gauge displays remaining charge.
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies.
- Flexible battery system: works with all Milwaukee® M12™ batteries.

<table>
<thead>
<tr>
<th>Article Number</th>
<th>Type</th>
<th>Speed Settings</th>
<th>Max. Pushing Force (N)</th>
<th>No. of Batteries Supplied</th>
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<th>Battery Pack Capacity (Ah)</th>
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</tbody>
</table>
**MILWAUKEETOOL**

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TEST & MEASUREMENT

### M12 IC

**M12™ SUB COMPACT M-SPECTOR™ 360° CAMERA**

- Rotating screen: screen rotates 270 degrees providing the user fluid image control
- Optimised 68.6 mm LCD: digital image and larger screen delivers crisp, clear picture
- 9 mm 640 x 480 digital image sensor: superior image quality in nearly half the size
- 4 surround LED lights: best in class brightness without shadow or glare
- Enhanced cable: aluminium head and improved flexibility deliver unmatched durability and pipe manoeuvrability
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M12™ batteries

### M12 IC AV3

**M12™ DIGITAL INSPECTION CAMERA**

- Removable screen: screen can be removed from console and works within a range of 10 m
- M12™ digital inspection camera: 4x zoom and screen rotation
- Optimised 85 mm LCD, digital image and larger screen delivers crisp, clear picture
- 12 mm 320 x 240 digital image sensor, superior image quality in improved larger screen
- 4 surround LED lights, for best in class brightness without shadow or glare
- Supplied with 8 GB SD memory card and 2.7 m digital cable
- Flexible battery system, works with all Milwaukee® M12™ batteries

### 2309-60

**ALKALINE INSPECTION CAMERA**

- Optimised 65.8 mm LCD screen, digital image and large screen delivers crisp clear picture
- 9 mm 320 x 240 digital image sensor, superior image quality in nearly half the size
- Lightweight sub 0.5 kg design
- Anti-glare function allowing better screen visibility
- Supplied with 9V alkaline battery for over an hour continuous run time

### CABLE EXTENSIONS

- All extension cables are water splash and dust proof.
- Extensions are attached between the base camera unit and standard supplied camera cable.

<table>
<thead>
<tr>
<th>Description</th>
<th>Cable length (m)</th>
<th>Cable diameter (mm)</th>
<th>Fits inspection cameras</th>
<th>Article Number</th>
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<tbody>
<tr>
<td>0.9 17 C12 IC 48530110</td>
<td>0.9</td>
<td>17</td>
<td>C12 IC</td>
<td>48530110</td>
</tr>
<tr>
<td>2.4 17 C12 IC,C12 AVD,C12 AVA 48530140</td>
<td>2.4</td>
<td>17</td>
<td>C12 IC,C12 AVD,C12 AVA</td>
<td>48530140</td>
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<tr>
<td>1m Replacement Cable Camera for the M-spector camera 1 12 M12 IC AV3 48530150</td>
<td>1</td>
<td>12</td>
<td>M12 IC AV3</td>
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<tr>
<td>3m Replacement Cable Camera for the M-spector camera 3 12 M12 IC AV3 48530151</td>
<td>3</td>
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<tr>
<td>1 m articulating cable. 1 12 M12 IC AV3 48530155</td>
<td>1</td>
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<td>M12 IC AV3</td>
<td>48530155</td>
</tr>
</tbody>
</table>

*All extension cables are water splash and dust proof.*

*Extensions are attached between the base camera unit and standard supplied camera cable.*
**LDM 30**

**LASER DISTANCE METER**

- Easy to use one person point and shoot system
- IP54 water & dust protection
- Wide angle measurement range from 0.15 to 45 m to cover more measurement situations
- Auto shut off and low power indication
- Built-in 3-position auto-reference fold out pin for easy transport
- Enables user to perform single measurements & continuous tracking
- Large 3 line LCD graphical display with automatic white backlight
- Display shows last three measurements
- Auto shut off and low power indication
- Large 3 line 50 mm diameter multi-color LCD graphical display
-准确性 ± 1.5
- Display size (mm) 31.5 x 40
- Battery type 2 x AAA
- Max. measurement range (m) 45

**LDM 45**

**LASER DISTANCE METER**

- Easy to use one person point and shoot system
- IP54 water & dust protection
- Wide angle measurement range from 0.15 to 45 m to cover more measurement situations
- Auto shut off and low power indication
- Large 3 line 50 mm diameter multi-color LCD graphical display
- 具有自动白光背光
- 显示最后 30 次测量
- Auto level feature to enhance user convenience in difficult measurement situations
- Area, total area and volume
- 精度 ± 1.5
- 电池类型 AAA2
- 最大测量范围（m）45

**LDM 100**

**LASER DISTANCE METER**

- Easy to use one person point and shoot system
- IP54 water & dust protection
- Large 3 line 25 mm diameter multi-color LCD graphical display
- 具有自动白光背光
- 显示最后 30 次测量
- Auto level feature to enhance user convenience in difficult measurement situations
- Area, total area and volume
- 精度 ± 1.5
- 电池类型 AAA2
- 最大测量范围（m）30

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**M12 TD**

**M12® THERMAL IMAGER**

- Unmatched details for a thermal imager with 160 x 120 pixel high resolution display
- Up to 5x higher resolution vs competitors in its class
- Large 3 line 50 mm diameter multi-color LCD graphical display
- Auto shut off and low power indication
- Extremely high accuracy
- On-screen Highs/Lows on temperature locations show extreme temps
- Dual beam thermal measurement function
- Complete report software to easily analyze images
- Supplied with a M12 18" cable, LCD cable and SD card reader
- Comes with a protective rubber cover for screen and sensor
- Battery system: works with all Milwaukee® M12™ batteries

**2270-20**

**CONTACT TEMP METER**

- Measures temperatures from +1271°C to -200°C to cover most common applications
- Dual temperature measurement for faster measurement of different situations
- Time function for easy tracking of minimum, maximum and average temperatures over time
- Accuracy ± 0.1 % of reading ± 0.3 °C for correct measurements every time
- Hold button for capturing on screen readings
- High contrast white on black display for easy reading in all applications
- Dual lasers frame measurement target
- Supplied with 2 x K-type thermocouples, 3 x AA batteries, magnetic strap, protective rubber cover for screen and sensor

**2206-40**

**FORK METER FOR HVAC/R**

- TRMS always guarantees accurate readings
- Built-in 3-position auto-reference fold out pin for easy handling and nylon carry pouch for safe transport
- Dual lasers frame measurement target
- Magnets for hanging meter in all applications
- Supplied with 2 x K-type thermocouples, 3 x AA batteries, magnetic strap, protective rubber cover for screen and sensor

---

**2267-40**

**10:1 INFRARED TEMP-GUN™**

- 10:1 distance to spot ratio, a 1 m spot from 10 m away
- Up to +30°C to 400°C temperature range
- Sheathed thermocouples for superior readability
- Large 3 line 50 mm diameter multi-color LCD graphical display
- Easy to use one person point and shoot system
- Built-in 3-position auto-reference fold out pin for easy handling and nylon carry pouch for safe transport
- Skin housing protects lens and screen from direct impact

---

**2267-40**

**CONTACT TEMP METER**

- Measures temperatures from +1271°C to -200°C to cover most common applications
- Dual temperature measurement for faster measurement of different situations
- Time function for easy tracking of minimum, maximum and average temperatures over time
- Accuracy ± 0.1 % of reading ± 0.3 °C for correct measurements every time
- Hold button for capturing on screen readings
- High contrast white on black display for easy reading in all applications
- Dual lasers frame measurement target
- Supplied with 2 x K-type thermocouples, 3 x AA batteries, magnetic strap, protective rubber cover for screen and sensor

---

**2206-40**

**FORK METER FOR HVAC/R**

- TRMS always guarantees accurate readings
- Built-in 3-position auto-reference fold out pin for easy handling and nylon carry pouch for safe transport
- Dual lasers frame measurement target
- Magnets for hanging meter in all applications
- Supplied with 2 x K-type thermocouples, 3 x AA batteries, magnetic strap, protective rubber cover for screen and sensor

---

**2267-40**

**10:1 INFRARED TEMP-GUN™**

- 10:1 distance to spot ratio, a 1 m spot from 10 m away
- Up to +30°C to 400°C temperature range
- Sheathed thermocouples for superior readability
- Large 3 line 50 mm diameter multi-color LCD graphical display
- Easy to use one person point and shoot system
- Built-in 3-position auto-reference fold out pin for easy handling and nylon carry pouch for safe transport
- Skin housing protects lens and screen from direct impact

---

**CONTACT TEMP METER**

- Measures temperatures from +1271°C to -200°C to cover most common applications
- Dual temperature measurement for faster measurement of different situations
- Time function for easy tracking of minimum, maximum and average temperatures over time
- Accuracy ± 0.1 % of reading ± 0.3 °C for correct measurements every time
- Hold button for capturing on screen readings
- High contrast white on black display for easy reading in all applications
- Dual lasers frame measurement target
- Supplied with 2 x K-type thermocouples, 3 x AA batteries, magnetic strap, protective rubber cover for screen and sensor

---

**FORK METER FOR HVAC/R**

- TRMS always guarantees accurate readings
- Built-in 3-position auto-reference fold out pin for easy handling and nylon carry pouch for safe transport
- Dual lasers frame measurement target
- Magnets for hanging meter in all applications
- Supplied with 2 x K-type thermocouples, 3 x AA batteries, magnetic strap, protective rubber cover for screen and sensor

---

**10:1 INFRARED TEMP-GUN™**

- 10:1 distance to spot ratio, a 1 m spot from 10 m away
- Up to +30°C to 400°C temperature range
- Sheathed thermocouples for superior readability
- Large 3 line 50 mm diameter multi-color LCD graphical display
- Easy to use one person point and shoot system
- Built-in 3-position auto-reference fold out pin for easy handling and nylon carry pouch for safe transport
- Skin housing protects lens and screen from direct impact
TRUEVIEW™ high definition lighting

- Trueview™ LED lighting provides 1000 Lumens of light output when powered by an M18™ battery pack. This high-powered LED provides light for tasks that require reliable illumination.
- Eight high performance LEDs provide 1000 Lumens of light output. These LEDs are designed to cast a bright and focused beam of light.
- Compact roll cage design provides superior durability. The roll cage is made of durable materials that can withstand abusive job site conditions.
- Twelve high performance LEDs provide 2000 Lumens on high output. The high-powered LEDs are designed to cast a bright and focused beam of light.
- Sliding head allows adjustment of beam pattern from flooding to spotting. This feature allows users to optimize brightness and run time by adjusting the light output.
- Battery pack capacity (Ah) - The battery pack capacity is 5.0 Ah, providing a long run time for extended work.
- Voltage (DC) (V) - The voltage is 18 V, ensuring compatibility with Milwaukee® M18™ battery packs.
- Voltage (AC) (V) - The voltage is 220 - 240 VAC, providing versatility in use across different regions.
- Beam distance (m) - The beam distance is up to 350 m, providing a wide radius of illumination.
- Max. light output High/Medium/Low/Strobe - The light output is 2000 Lumens on high, 1300 Lumens on medium, and 850 Lumens on low. The strobe mode is useful for signaling or attracting attention.
- Bulb type LED - The bulb type is LED, providing long life expectancy and energy efficiency.
- Article Number 4933451394 - The article number is 4933451394, identifying the specific model.
- Weight with battery pack (kg) - The weight is 1.3 kg, making it lightweight and easy to handle.
- Max. run time with M12 B4 battery (h) - The run time is up to 3.5 hours with an M12 B4 battery pack.

The TRUEVIEW™ LED lantern light is a versatile tool for job site durability and compliance with industry standards. Its advanced features and durability make it a valuable addition to any professional's toolkit.

#MILWAUKEETOOL
WWW.MILWAUKEETOOL.EU
### M12 HV

**M12™ SUB COMPACT STICK VAC**

- Excellent suction power for wood, metal and common debris
- Clear viewing window gives the user the ability to see debris build up
- Lock on switch reduces fatigue during sustained use
- Versatile accessories for small or large clean up areas
- Compact design makes it easy to clean in tight spaces
- Secure canister lock guards against unwanted spillage

### M18 CV

**M18™ COMPACT HAND VAC**

- Excellent suction power for wood, metal and common debris
- HEPA filter will collect 99.97% of airborne particles down to 0.3 microns
- Versatile accessories for small or large clean up areas
- Clear viewing window gives the user the ability to see debris build up
- Up to 23 minutes continuous run time on a 5.0 Ah battery
- Flexible battery system: works with all Milwaukee® M18™ batteries

### M18 VC

**M18™ HEAVY DUTY 7.5 L WET/DRY VACUUM**

- Powerful 18V motor with a maximum air flow of 1246 l/min / 80 bar suction power
- HEPA rated 99.7% high efficiency wet/dry filter: for fine dust collection
- Built-in blower: provides 21 l/sec of air flow for maximum efficiency
- 7.5 l capacity: reduces downtime to emptying
- Stackable tool box design: for added portability and easier storage
- On-board accessory and hose storage: quick access to accessories
- Flexible battery system: works with all Milwaukee® M18™ batteries
- Supplied with washable filter, hose, crevice tool and utility nozzle

### AS 42 MAC

**42 L M-CLASS DUST EXTRACTOR**

- Compact 42 litre tank for site/workshop use
- 4500 litres/min airflow with 250 mbar suction
- Dust class M. Standard MAK-factor > 0.1 mg/m³: mineral dust, wood dust (oak, beech)
- Power take off for auto switching of powertools
- Durable PTFE filter with high filtration efficiency and washable non-stick membrane
- Automatic filter cleaning with minimised performance loss
- Visual LED and acoustic warning signal
- Easy access filter hatch for convenient servicing and cleaning
- Super silent turbine for low noise
- Anti-static hose to prevent shocks caused by static build up
- Trolley handle for convenient transportation onto the job site
- Supplied with 2 x tool adaptor, hand tube, 2 x extension tubes, floor / crevice nozzle, fleece filter bag, disposable bag, hose 4 m x 38 mm
RADIOS & SPEAKERS
C12 JSR
M12™ SUB COMPACT RADIO WITH MP3 PLAYER CONNECTION

- Advanced technology tuner for high-reception and clarity
- Powers from either M12™ or 230 V mains supply
- Digital Bluetooth® receiver: play music up to 30 m away from your smartphone, computer, or tablet
- Weather sealed auxiliary compartment protects M3 players and other audio devices
- Dual speaker with passive radiators - deliver loud, clear sound in both AC and DC mode
- Reinforced roll cage and metal handles protects against abusive jobsite conditions
- Supplied with auxiliary input cord, 2 x AAA batteries
- Battery pack capacity: 1100 mAh
- Screen with rotary encoder
- Tuning range DAB+ (MHz): 174.928 - 239.20
- Tuning range FM (MHz): 87.50 - 108.00
- Tuning range AM (kHz): 522 - 1629
- Dimensions (mm): 267 x 102 x 178
- Weight with battery pack (kg): 4.9
- Weight (kg): 1.8
- Battery type: Li-ion
- Voltage (AC) (V): 220-240
- Voltage (DC) (V): 18
- Supplied in: 1
- Article Number: 4933451250
- Charger supplied
- No. of batteries supplied: 0
- Battery pack capacity (Ah): 1100
- Battery type: Li-ion
- Voltage (AC) (V): 220 - 240
- Voltage (DC) (V): 18

M12 JSSP
M12™ JOBSITE BLUETOOTH® SPEAKER

- Advanced technology Bluetooth® jobsite speaker
- Connect wirelessly with portable electronic devices from up to 30 m
- Digital display tuner for accurate signal selection
- Customizable equalizer for enhanced sound quality and signal clarity
- Premium speaker with bass port
- Loud, clear sounds at all volumes in both AC and DC mode
- Supplied in: 1
- Article Number: 4933448380
- Charger supplied
- No. of batteries supplied: 0
- Battery pack capacity (Ah): 5
- Battery type: Li-ion
- Voltage (AC) (V): 220 - 240
- Voltage (DC) (V): 18
- Supplied with auxiliary input cord, 2 x AAA batteries.

M12-18 JSSP
M12™ - M18™ BLUETOOTH® SPEAKER

- Advanced technology Bluetooth® jobsite speaker
- Connect wirelessly with portable electronic devices from up to 30 m
- Digital Bluetooth® receiver: play music up to 30 m away from your smartphone, computer, or tablet
- Weather sealed auxiliary compartment protects M3 players and other audio devices
- Ramp speaker with passive radiators - deliver loud, clear sound in both AC and DC mode
- Weather sealed device compartment protects mobile devices from drops, water and debris on the jobsite
- Supplied with auxiliary input cord, 2 x AAA batteries.

M18 JSR
M18™ JOBSITE RADIO

- High performance audio system - AM/FM tuner with digital processor delivers highest reception accuracy and signal clarity
- Dual speaker with passive radiators - deliver loud, clear sound with deep, accurate bass
- Customizable equalizer for enhanced sound quality and signal clarity
- Premium speaker and 10-station preset - delivers rich, full sound
- Weather sealed auxiliary compartment protects M13 players and other audio devices
- Reinforced roll cage and metal handles protects against abusive jobsite conditions
- Supplied with auxiliary input cord, 2 x AAA batteries. Milwaukee® battery sold separately
- Battery pack capacity: 1100 mAh
- Screen with backlit LCD display
- Tuning range DAB+ (MHz): 174.928 - 239.20
- Tuning range FM (MHz): 87.50 - 108
- Tuning range AM (kHz): 522 - 1629
- Dimensions (mm): 300 x 307 x 370
- Weight with battery pack (kg): 7.7
- Weight (kg): 2.3
- Battery type: Li-ion
- Voltage (AC) (V): 220 - 240
- Voltage (DC) (V): 18
- Supplied in: 1
- Article Number: 4933451251
- Charger supplied
- No. of batteries supplied: 0
- Battery pack capacity (Ah): 1100
- Battery type: Li-ion
- Voltage (AC) (V): 220 - 240
- Voltage (DC) (V): 18

M18 JSR DAB+
M18™ JOBSITE RADIO/DACER

- High performance audio system - DAB+/FM tuner with digital processor delivers highest reception accuracy and signal clarity
- DAB+ gives best sound quality and additional information like song, artist and program data
- Dual speaker with passive radiators - deliver loud, clear sound with deep, accurate bass
- Customizable equalizer for enhanced sound quality and signal clarity
- Shock absorbing end caps and metal speaker grill - protect from drops, water and debris on the Jobsite
- Supplied with auxiliary input cord, 2 x AAA batteries.
- Built in charger function allows for quick, convenient charging of any M18™ battery or electronic devices via USB port
- AC/DC versatility: powered by Milwaukee® M18™ batteries, or 230 V mains supply
- Weather sealed auxiliary compartment protects M3 players and other audio devices
- Supplied with auxiliary input cord, 2 x AAA batteries.
- Milwaukee® battery sold separately
- Battery pack capacity: 1100 mAh
- Screen with backlit LCD display
- Tuning range DAB+ (MHz): 174.928 - 239.20
- Tuning range FM (MHz): 87.50 - 108
- Tuning range AM (kHz): 522 - 1629
- Dimensions (mm): 402 x 197 x 197
- Weight with battery pack (kg): 4.9
- Weight (kg): 2.3
- Battery type: Li-ion
- Voltage (AC) (V): 220 - 240
- Voltage (DC) (V): 18
- Supplied in: 1
- Article Number: 4933448381
- Charger supplied
- No. of batteries supplied: 0
- Battery pack capacity (Ah): 1100
- Battery type: Li-ion
- Voltage (AC) (V): 220 - 240
- Voltage (DC) (V): 18
- Supplied with auxiliary input cord, 2 x AAA batteries.
- Milwaukee® battery sold separately

M18 RC
M18™ JOBSITE RADIO/CHARGER

- Built in charger function allows for quick, convenient charging of any M18™ battery or electronic devices via USB port
- Digital Bluetooth® receiver, play music up to 30 m away from your smartphone, computer, or tablet
- Weather sealed auxiliary compartment protects M3 players and other audio devices
- Supplied with auxiliary input cord, 2 x AAA batteries. Milwaukee® battery sold separately
- Battery pack capacity: 1100 mAh
- Screen with backlit LCD display
- Tuning range DAB+ (MHz): 174.928 - 239.20
- Tuning range FM (MHz): 87.50 - 108
- Tuning range AM (kHz): 522 - 1629
- Dimensions (mm): 300 x 307 x 370
- Weight with battery pack (kg): 7.7
- Weight (kg): 2.3
- Battery type: Li-ion
- Voltage (AC) (V): 220 - 240
- Voltage (DC) (V): 18
- Supplied in: 1
- Article Number: 4933451252
- Charger supplied
- No. of batteries supplied: 0
- Battery pack capacity (Ah): 1100
- Battery type: Li-ion
- Voltage (AC) (V): 220 - 240
- Voltage (DC) (V): 18
- Supplied with auxiliary input cord, 2 x AAA batteries.
- Milwaukee® battery sold separately

M18 JSR DAB+
M18™ JOBSITE RADIO/DACER

- High performance audio system - DAB+/FM tuner with digital processor delivers highest reception accuracy and signal clarity
- DAB+ gives best sound quality and additional information like song, artist and program data
- Dual speaker with passive radiators - deliver loud, clear sound with deep, accurate bass
- Customizable equalizer for enhanced sound quality and signal clarity
- Shock absorbing end caps and metal speaker grill - protect from drops, water and debris on the Jobsite
- Supplied with auxiliary input cord, 2 x AAA batteries.
- Built in charger function allows for quick, convenient charging of any M18™ battery or electronic devices via USB port
- AC/DC versatility: powered by Milwaukee® M18™ batteries, or 230 V mains supply
- Weather sealed auxiliary compartment protects M3 players and other audio devices
- Supplied with auxiliary input cord, 2 x AAA batteries.
- Milwaukee® battery sold separately
- Battery pack capacity: 1100 mAh
- Screen with backlit LCD display
- Tuning range DAB+ (MHz): 174.928 - 239.20
- Tuning range FM (MHz): 87.50 - 108
- Tuning range AM (kHz): 522 - 1629
- Dimensions (mm): 402 x 197 x 197
- Weight with battery pack (kg): 4.9
- Weight (kg): 2.3
- Battery type: Li-ion
- Voltage (AC) (V): 220 - 240
- Voltage (DC) (V): 18
- Supplied in: 1
- Article Number: 4933448382
- Charger supplied
- No. of batteries supplied: 0
- Battery pack capacity (Ah): 1100
- Battery type: Li-ion
- Voltage (AC) (V): 220 - 240
- Voltage (DC) (V): 18
- Supplied with auxiliary input cord, 2 x AAA batteries.
- Milwaukee® battery sold separately
### BATTERIES & CHARGERS

#### CHARGERS

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<th>Charging range</th>
<th>Charging time (min)</th>
<th>Battery pack capacity (Ah)</th>
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#### M12™ BATTERIES

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Handtools

Quick Adjust Water Pump Pliers

- For gripping, fastening and holding work pieces.
- One-hand push-button adjustment for fast and firm grip.
- Fine-scaled adjustment positions for precise grip. Less downtime and more efficiency.
- V-groove jaws for firm grip, more precision fit and reduced slipping. Special teeth hardening 60 HRC.
- Made from Nickel and Chrome forged alloy steel for best durability and good rust protection.
- Ergonomic and durable overmoulded grips add comfort and last longer.
- Deburring head and handle design. No need for extra tools.
- Available in 3 lengths for optimum leverage.
- Ergonomic slim design to allow access in confinements areas.

Cheater - Adaptable Pipe Wrench

- New-to-world 3 length design - 10˝/250 mm mode for tight spaces, 18˝/450 mm mode for general purpose, 24˝/600 mm mode for maximum leverage and reach.
- Overbite jaw for secure grip on pipes and fittings.
- Dual coil springs for maximum durability and tool life.
- Ergonomic handle for maximum comfort, won't dig into the palm.
- Hardened jaws for increased durability and better grip.
- Lanyard hole.

Steel and Aluminium Pipe Wrenches

- Overbite jaw for secure grip on pipes and fittings.
- Dual coil springs for maximum durability and tool life.
- Ergonomic handle for maximum comfort, won't dig into the palm.
- Hardened jaws for increased durability and better grip.
- Lanyard hole.
# Milwaukee

## BASIN WRENCH
- Ratchet compatible design accepts 7/16" socket.
- Heavy-duty design attaches to basin edge to ensure true "V" cut
- Dual-kaled handle more comfortable than square.
- Easy to adjust handle; best in-class adjustability.

## ADJUSTABLE WRENCHES
- Precision adjustment screw with accurate threads and light torquing. The jaws won’t back off during use.
- Chrome plating for best rust protection and increased durability.
- Ergonomic milled handle design for a comfortable fit in the hand and maximum pressure points on the palm.
- Skin friendly design for reaching into tight spaces.
- Radius jaws won’t nick or mar flat surfaces.
- Permanent laser etched inch and mm markings for accurate adjustment.

## TORQUE LOCK™ LOCKING PLIERS
- "TORQUE LOCK™" Faster set up and easy release when changing fast and round materials. Each tool can be applied to the "TORQUE LOCK™" jaw for better and more secure grip.
- Can also be used for tightening, tapping, expanding, or spreading.
- Rust protection: chrome plated tool increases life by reducing corrosion.
- Lever release design: traditional release lever for jobsite convenience.
- MAXIMIZE™ handles have special jaw geometry for maximum grip.

## PREMIUM MAGNETIC TAPE MEASURES
- Potential finger stop: stable when stands alone.
- Compact and ergonomic design.
- Improved, more compact hook for better side markings and ease of use.
- Additional 24" tape, longer, more pocket friendly.
- Non-reflective bright blade protection, up to 10x more resistant to jobsite damage.
- 27 mm blade with double-sided printing on tape for easier readability.
- Grip handle design allows easy hooking onto flat surfaces and round pipes.
- Anti-slide ramp allows tip to rest on tip of rounded object, keeping longer horizontally or vertically.
- 5 point reinforced frame for jobsite durability.
- Class II accuracy.

## METAL SNIPS
- Thumb and forefinger slots for increased comfort and less fatigue. "Maxbite™" jaws to peek through sheet metal with ease with compound leverage action.
- Grips with serrated cutting edges prevent slippage when cutting.
- Lever hand design improves cutting through thicker materials. Design with compound leverage action.
- "Torque Lock™" Action: automatic during cutting for faster cutting action and less fatigue work.
- Chrome plated ratchet design to protect blades for increased durability.
- Extra hardened to 65 HRC.
- "Maxbite™" jaws with extra depth for hard durability — Cr Steel.
- Flash trim design for non-marring in material.
- Serrated cutting edge identification — on the head, handle and by color coded handle.
- Ergonomic and durable overmolded grips add comfort and improved speed.
- "Maxangle" style: For short, straight and shaped cuts. Ideal for cutting rounded cuts in one go.

## PRO COMPACT TAPE MEASURES
- Improved ergonomics and comfortable size.
- "Maxbite™" handles make all measurements easier.
- 32 Tread extruded housing, improves comfort and durability, better protection.
- "Maxbite™" handles add durability and flexibility.
- Magnetic for easy hanging.
- Non-magnetic.
- Outlorded end re-measurements for better durability.
- Smaller compact hook design.
- "Maxbite™" handles add durability.
- Improved belt clip — more pocket friendly.

---

### Metal snips specifications:
- Max. cutting capacity: 1.0 mm steel, 1.0 mm aluminum
- Edge length: 31 mm, 31 mm, 31 mm, 37 mm, 30 mm, 30 mm, 76 mm, 63 mm
- Total length: 260 mm, 260 mm, 260 mm, 260 mm, 260 mm, 260 mm, 310 mm, 290 mm
- Cutting direction: Straight (yellow), Right (green), Left (red)

### Basin wrench specifications:
- Back wrench compact: 37 - 76 mm
- Back wrench: 37 - 150 mm

### Adjustable wrenches specifications:
- C adjustable wrench: 6 mm, 8 mm, 10 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm
- C adjustable wrench: 6 mm, 8 mm, 10 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm
- C adjustable wrench: 6 mm, 8 mm, 10 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm
- C adjustable wrench: 6 mm, 8 mm, 10 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm

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### Magnetic tape measures specifications:
- Length: 3 m, 5 m, 10 m
- Blade width: 16 mm, 19 mm, 25 mm, 8 mm, 25 mm, 25 mm

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### Pro compact tape measures specifications:
- Length: 5 m, 8 m, 10 m
- Blade width: 16 mm, 19 mm, 25 mm, 8 mm, 25 mm, 25 mm

---

### Pro compact tape measures specifications:
- Length: 5 m, 8 m, 10 m
- Blade width: 16 mm, 19 mm, 25 mm, 8 mm, 25 mm, 25 mm

---

### Metal snips specifications:
- Max. cutting capacity: 1.0 mm steel, 1.0 mm aluminum
- Edge length: 31 mm, 31 mm, 31 mm, 37 mm, 30 mm, 30 mm, 76 mm, 63 mm
- Total length: 260 mm, 260 mm, 260 mm, 260 mm, 260 mm, 260 mm, 310 mm, 290 mm
- Cutting direction: Straight (yellow), Right (green), Left (red)
**Tape Measures Compact Line**

- Nylon coating blade protection against debris, dirt and water.
- Anti-slip housing with stainless steel used for pliability.
- Shock absorbing blade return bumper for improved blade and spring life.
- High quality hook with 2 rivets for precise measurements.
- Overmolded TPR (thermoplastic rubber) gripping area for extra comfort and durability.
- Ergonomic compact design.
- High quality hook with 2 rivets for precise measurements.
- 4-point reinforced frame prevents the top of the tape measure from splitting open when dropped.
- Nylon coating blade protection against debris, dirt and water.
- Shock absorbing blade return bumper for improved blade and spring life.
- Quick dry time – reduced smearing markings on PVC, metal and plastic.
- Anti-roll design – won’t roll off surfaces.
- Can be used on rough, dirty and greasy surfaces.

Orders are only possible in master cartons (contains 12 or 6 tapes depending on sku). Minimum order quantity is 6 or 12 depending on sku.

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<td>Blade width (mm)</td>
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<tr>
<td>Length (m)</td>
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</tbody>
</table>

**INKZALL™ Markers**

- Shiny finish, does not smear or push back under pressure.
- Acrylic ink ideal for rough surfaces such as GSE and concrete.
- Shall not flake off when in contact with water, dirt, oil or grease.
- For use on concrete, brick, masonry and metal, GSE, plastic, rubber and tyres.
- Can be used on wet, oily, dusty, rusty, with debris surfaces.
- Water and UV resistant markings.
- Permanent markers. Markings last up to 6 months.
- Valve action marker. Stays sharp, doesn’t mushroom or push back under pressure.
- Marker continues to write after 72+ hours of cap off time.
- Water and UV resistant markings.
- Can be used on concrete, wood, metal, plywood, OSB, plastic.

**INKZALL™ Liquid Paint Markers**

- Valve action marker.
- Durable acrylic nib for the most demanding environmental conditions: surface temperature from -10° up to + 145°.
- Easy open cap for one hand operation.
- Anti-Roll design – won’t roll off surfaces.
- For use on concrete, brick, stone, PVC, steel & stainless steel, rubber and tyres.
- 10 seconds dry time.
- Marker continues to write after 72+ hours of cap off time.
- Water and UV resistant markings.
- INKZALL™ Liquid Paint Markers are to be ordered in multiples of 36 pcs (i.e. 72, 108, 144, 180...).

**INKZALL™ Highlighters**

- Durable tip stays sharp longer.
- No smearing, inks do not bleed through.
- Made to be water-resistant: perfect for labels, office paper, construction plans, and more.
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- Construction helmet clip: the INKZALL™ highlighters can be clipped to the construction site cap, helmet, trousers, overalls, etc.
- Marker continues to write after 72+ hours of cap off time.
- Layered hole, e.g. to attach the INKZALL™ highlighters to the belt.

**INKZALL™ Fine Tip Markers**

- Approx. 0.6 mm tip.
- Clog resistant.
- Non-toxic ink, ASTM D 4236 certification.
- No smearing, won’t bleed through.
- Mark applications: marking of labels for electrical wires, adding comments to architect plans.
- Marker continues to write after 72+ hours of cap off time.

**INKZALL™ Composite Folding Rule**

- Locks at 90°/180°.
- Angle reference.
- High quality hook with 2 rivets for precise measurements.
- Overmolded TPR (thermoplastic rubber) gripping area for extra comfort and durability.
- Ergonomic compact design.
- Quick dry time – reduced smearing markings on PVC, metal and plastic.
- Anti-roll design – won’t roll off surfaces.
- Can be used on rough, dirty and greasy surfaces.

**INKZALL™ Wood Folding Rule**

- Locks at 90°/180°.
- Angle reference.
- Nylon coating blade protection against debris, dirt and water.
- Shock absorbing blade return bumper for improved blade and spring life.
- Quick dry time – reduced smearing markings on PVC, metal and plastic.
- Anti-roll design – won’t roll off surfaces.
- Can be used on rough, dirty and greasy surfaces.

Orders are only possible in master cartons (contains 12 or 6 tapes depending on sku). Minimum order quantity is 36 pcs (= 1 master carton). Order quantities greater than 36 pcs are to be ordered in multiples of 36 pcs (i.e. 72, 108, 144, 180...).
**BLOCK TORPEDO LEVEL**

- SMARTVISE™ - 90° technology improves the readability of the vial.
- Laser cut aluminium body withstands the conditions of the jobsite.
- Precision milled measuring surface provides maximum accuracy.
- Lanyard hole for use with all most prevention programs.
- Accurate to 0.029° (0.0005 ˝/in, 0.5 mm/m).
- VPA third party certificate on accuracy.
- Non-slip grips stick to the wall and prevent sliding.
- Shock absorbing rubber end caps.
- Amplified rare earth magnets for maximum holding power (only magnetic levels)
- Bottom milled measuring surface provides maximum accuracy.
- Compact and durable frame.
- 90° adjustable vial for reading angles.
- Weld clearance. Easily level over weld joints in pipes and other reinforced areas.
- Reinforced acrylic vials offer maximum durability.
- SHARPSITE™ vial technology improves the readability of the vial.
- Index finger groove for more comfort.
- Large handle loops for use with gloves.
- Bolt lock technology protects blades from loosening to ensure precise cutting.
- Large handle loops for use with gloves.
- Integrated gut hook. Allows users to make cuts without exposing the blade.
- All metal core: full metal handle construction to protect from exposure to harmful chemicals.
- Chrome plated blades for maximum rust protection.
- Iron carbide blade for longer lifetime, increased sharpness and clean cut finish.
- Laser edged ruler markings on the blade allows to measure accurately.
- Jobsite offset scissors with micro-serrated blades for maximum durability and better grip.
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