DRILLING & DRIVING
**M12 FUEL™ COMPACT 2-SPEED DRILL DRIVER**

- Milwaukee® designed and built brushless POWERSTATE™ motor
- M12 FUEL™ technology delivers more power, run time, and efficient tool and battery design
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time
- Electronic clutch with indicator light for complete control
- REDLINK™ overload protection electronics in tool and battery
- 10-stage clutch delivers up to 195 max torque
- 13 mm metal chuck for quick bit changes and bit retention
- On board fuel gauge and LED light - added user convenience
- Individual battery cell monitoring optimizes tool run time and maximizes run time
- Optimised handle for better control and improved grip

**Specifications**

<table>
<thead>
<tr>
<th>Model</th>
<th>No load speed gear 1 (rpm)</th>
<th>No load speed gear 2 (rpm)</th>
<th>Max. drilling wood (mm)</th>
<th>Max. drilling steel (mm)</th>
<th>Max. torque (Nm)</th>
<th>Weight with battery pack (kg)</th>
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<tbody>
<tr>
<td>M12 CDD-02</td>
<td>0 - 350</td>
<td>0 - 2000</td>
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<td>0 - 2000</td>
<td>22</td>
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</tr>
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**C12 RAD**

- Heavy-duty 1/4 in hex-gear for superior durability and maximum lifespan
- Variable speed paddle switch trigger for comfortable working during high-torque applications
- 10 mm chuck for quick bit changes and bit retention
- Electronic clutch with indicator light for complete control
- Individual battery cell monitoring optimizes tool run time and maximizes run time
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- On board fuel gauge and LED light - added user convenience

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<td>0 - 450</td>
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</tbody>
</table>

**M12 FUEL™ ONE-KEY™ FUEL™ DRILL DRIVER**

- More power - unmatched torque of 135 Nm
- More speed - delivers up to 3000 rpm
- Smaller size - length of only 144 mm
- One-Handed Polish and Polish +2 functions
- Connect via Bluetooth® with the Milwaukee® ONE-KEY™ app to tune the tool to your needs
- Complete tool customisation via ONE-KEY™ app to tune the tool to your needs
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- Connect via Bluetooth® with the Milwaukee® ONE-KEY™ app to tune the tool to your needs
- Complete tool customisation via ONE-KEY™ app to tune the tool to your needs
- On board fuel gauge and LED light - added user convenience
- Individual battery cell monitoring optimizes tool run time and maximizes run time
- Battery fuel gauge displays remaining charge

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</tbody>
</table>
Milwaukee® designed and built brushless POWERSTATE™ DRIVER

Milwaukee® high performance sub compact screw driver

Optimised performance: 1500 rpm at 20 Nm

Magnetic bit holder with quick release clutch.

HSS-G Metal drill bits are ground from one piece of solid iron, alloyed and non alloyed material up to 900 N/mm² according to DIN 3126 - E 6.3. Suitable for drilling in steel, cast iron, through harden and other high quality materials.

Secure latch system - easy opening and safe closing.

Slimline pocket design: 110 mm x 65 mm x 15 mm.

Flexible battery system: works with all Milwaukee® M12™ REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 10x longer motor life, up to 2x more power and up to 2x more battery life.

1/4˝ Hex reception. 25 mm bits manufactured according to DIN 3126 - C 6.3. 50 mm bits are manufactured according to DIN 3126 - E 6.3. 50 mm: PH 2 x 1. 50 mm: PZ 2 x 1. Magnetic bit holder with quick release clutch.

1/4˝ Hex reception. 25 mm bits manufactured according to DIN 3126 - C 6.3. 50 mm: PH 2 x 1. 50 mm: PZ 2 x 1. Magnetic bit holder with quick release clutch.

M12 CD

M12 FUEL™ COMPACT 2-SPEED DRIVER

Milwaukee® designed and built brushless FUEL™ DRIVER for up to 10x longer motor life, up to 2x more power and up to 2x more run time.

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.

Individual battery cell monitoring optimizes tool run time and individual pack durability.

1/4˝ Hex reception. 25 mm bits manufactured according to DIN 3126 - C 6.3. 50 mm: PH 2 x 1. 50 mm: PZ 2 x 1. Magnetic bit holder with quick release clutch.

Fuel gauge display remaining charge.

Flexible battery system: works with all Milwaukee® M12™ batteries.

M12 BD

M12™ SUB COMPACT DRIVER

Milwaukee® high performance sub compact screw drive measures 159 mm in length making it ideal for working within tight areas.

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.

Individual battery cell monitoring optimizes tool run time and individual pack durability.

On board fuel gauge and LED light - ideal user convenience and operation when working with Milwaukee® tools.

100 mm compact head designed to fit in the tightest work areas.

Combination of perfect speed to power ratio for fast application completion.

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

Built in LED light illuminates the work surface.

10 + 1 electronic clutch enables complete control while driving or drilling.

Multi-position handle design allows for multiple hand positions.

27 pc robust and compact with an extra big latch. PH 1 x 2 / PH 2 x 2 / PH 3 x 1. PZ 1 x 2 / PZ 2 x 4 / PZ 3 x 5 / PZ 4 x 7 / PZ 5 x 10 / PZ 6 x 13 / PZ 7 x 20 / PZ 8 x 30 / PZ 9 x 50 / PZ 10 x 65 / PZ 12 x 70.

Shockwave HSS-G TiN Red Hex drill bit set in plastic cassette (19 pcs) Ø 2 / 2.5 / 2 x 3 / 3.5 / 2 x 4 / 4.5 / 5.5 / 6 / 6.5 / 7 / 7.5 / 8 / 8.5 / 9 / 9.5 / 10 mm.

Shockwave HSS-G TiN Red Hex drill bit set in plastic cassette (10 pcs) Ø 3 / 3.5 / 4 / 4.5 / 5 / 6 / 7 / 8 / 9 / 10 mm.

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HSS-G Metal drill bits are ground on one piece of solid high-speed steel according to DIN 3126 - C. Right hand fluted cutting tip with 135° angle for improved centering. Type N fine design for fast chip removal. Reception manufactured according to DIN 3126 - E. Suitable for drilling in steel, cast iron, through harden and other high quality materials.

50 mm: PH 2 x 1. 50 mm: PZ 2 x 1. Magnetic bit holder with quick release clutch.

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IMPACT DRIVERS & WRENCHES
### M18 FQID Surge 1/4" Hex Hydraulic Impact Driver

- **Power**: 1/4" hex hydraulic driver is the motor for up to 3x longer motor life and up to 30% more power.
- **REDLINK PLUS™ Intelligence System** delivers the most seamless tool and battery integration in the industry.
- **Power Adjustments** allows you to shift into 4 different speed and torque settings to maximize application versatility.
- **Mode 1** for precision work
- **Mode 2** delivers maximum performance for the toughest applications.
- **Mode 3** for repeatable precision
- **Mode 4** is the optimum between precision work and maximum performance and automatically adjusts speed, torque, and mode.
- **REDLINK™ Overload Protection Electronics** in tool and battery prevents the tool from damage.
- **Power state Brushless Motor** delivers up to 0-3000 RPM with constant power output to drive screws faster.
- ** Milwaukee® Drive Control™** allows the user to shift into one of four different speed and torque settings to maximize application versatility.
- **Hillside Motor Technology** delivers 170 Nm of torque, 2600 RPM and 30% more power.
- **REDLINK PLUS™** Intelligence system delivers the most seamless tool and battery integration in the industry.
- **Milwaukee® Drive Control™** allows the user to shift into one of four different speed and torque settings to maximize application versatility.

<table>
<thead>
<tr>
<th>Model</th>
<th>Power</th>
<th>Mode 1</th>
<th>Mode 2</th>
<th>Mode 3</th>
<th>Mode 4</th>
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<tr>
<td>M18 FQID-0X</td>
<td>3x longer motor life</td>
<td>0-3000 RPM</td>
<td>0-3000 RPM</td>
<td>0-3000 RPM</td>
<td>0-3000 RPM</td>
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<tr>
<td>M18 FQID-502X</td>
<td>30% more power</td>
<td>0-3000 RPM</td>
<td>0-3000 RPM</td>
<td>0-3000 RPM</td>
<td>0-3000 RPM</td>
</tr>
</tbody>
</table>

### M18 FID 1/4" Hex Impact Driver

- **Power**: 1/4" hex impact driver measures 137 mm in length making it ideal for working within confined spaces.
- **Brightest LED Workspace Illumination**
- **Individual Battery Cell Monitoring** optimises tool run time and ensures long term pack durability.
- **REDLITHIUM-ION™ Battery Pack** delivers up to 2x more capacity into four different speed and torque settings to maximize application versatility.
- **Advanced Digital Overload Protection** for tool and battery and maximizes application versatility.
- **Milwaukee® Drive Control™** allows the user to shift into one of four different speed and torque settings to maximize application versatility.
- **Hillside Motor Technology** delivers 170 Nm of torque, 2600 RPM and 30% more power.
- **REDLINK PLUS™** Intelligence system delivers the most seamless tool and battery integration in the industry.
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<tr>
<th>Model</th>
<th>Battery Pack</th>
<th>Mode 1</th>
<th>Mode 2</th>
<th>Mode 3</th>
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<td>1/4&quot; hex impact driver</td>
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<td>0-3000 RPM</td>
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<tr>
<td>M18 FID-502X</td>
<td>30% more power</td>
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<td>0-3000 RPM</td>
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#MILWAUKEETOOL

## SHOCKWAVE IMPACT DUTY™ SETS

- 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 lot system solution for all the common accessory needs for every task.
- Shock Zone reduces stress at the tip, resulting in less tip breakages. This combination of the Shock Zone design and special heat treatment absorbs impacts and allows the bit to flex with spring like action.
- Compression forged tip provides the best fit with screw head, reducing cam out and stripping, resulting in outstanding lifetime.
- Custom engineered steel - Milwaukee® custom metal formula.
- Minimum order quantity = 6 pcs. Orders > 6 pcs must be ordered in multiples of 6 (i.e. 6, 12, 18).
- Shock Zone Geometry - Designed to Flex.
- 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 lot system solution for all the common accessory needs for every task.
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<thead>
<tr>
<th>Description</th>
<th>Pack quantity</th>
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<td>Impact drill sets</td>
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## SHOCKWAVE™ IMPACT HOLESAWS

- 8 TPI’s smooth saw have fewer breaks.
- Thin wall: 0.8 mm thick, low resistance, up to 40% faster.
- Shock rated optimized for thin metal.
- Steel nose, arch shaped, non-weldable.
- 90° and 30° positions.
- 0° and 30° positions.
- Suitable for use with 1/4 ˝ Hex drill drivers.
- Optimized for use with cordless tools.

### Description

<table>
<thead>
<tr>
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<tbody>
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<tr>
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</table>

## KNUCKLE™

- Offset attachment for heavy duty impact applications.
- Impact rated. Can be used with both cordless and impact drills.
- Very compact offset attachment.
- Easily adaptive to working in confined and limited spaces.
- Designed for use with KNUCKLE™ impact drivers.
- 0° and 30° positions.
- 0° and 30° positions.
- 0° and 30° positions.
- 0° and 30° positions.
- 90° and 30° positions.
- Height when 30° tilted = 40 mm

### Description

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## SHOCKWAVE IMPACT DRIVER GUIDE Cassettes

- Slides pocket design.
- Drive Guide bit holder with extendable sleeve to hide long screws when using. Up to 110 mm total length.
- Heat treated, heat resistant hardened steel.
- Wire keep net up to 5 mm².

### Description

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# MILWAUKEETOOL
## Milwaukee® Designed and Built Brushless Powerstate™ Wrench with Friction Ring

- Compact right angle impact driver measures 287 mm in length making it ideal for working within confined spaces.
- Milwaukee® drive control™ allows the user to shift between two different speed and torque settings to maximise application versatility.
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class durability and maximum torque.
- On-board fuel gauge and LED light - added user convenience and illumination in low lit working conditions.
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates down to -20°C than other lithium-ion technologies.
- Reinforced housing - provides high durability similar to steel and operates better down to -20°C than other lithium-ion technologies.
- REDLITHIUM-ION™ 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.

### Specifications

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<tr>
<th>Model</th>
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<th>No load speed (rpm)</th>
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## Milwaukee® High Performance Sub Compact Impact Wrench

- Milwaukee® designed and built brushless POWERSTATE™ motor delivers more torque and runs cooler than other观看者．
- Milwaukee® drive control™ allows the user to shift between two different speed and torque settings to maximise application versatility.
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class durability and maximum torque.
- On-board fuel gauge and LED light - added user convenience and illumination in low lit working conditions.
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates down to -20°C than other lithium-ion technologies.
- Reinforced housing - ensures long term pack durability.

### Specifications

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## Milwaukee® Fuel™ Compact 1/4” Impact Wrench

- Milwaukee® designed and built brushless POWERSTATE™ motor delivers more torque and runs cooler than other lithium-ion technologies.
- Milwaukee® drive control™ allows the user to shift between two different speed and torque settings to maximise application versatility.
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class durability and maximum torque.
- On-board fuel gauge and LED light - added user convenience and illumination in low lit working conditions.
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates down to -20°C than other lithium-ion technologies.
- Reinforced housing - ensures long term pack durability.

### Specifications

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## M18 CHIWF12

**M18 FUEL™ 1/2˝ HIGH TORQUE IMPACT WRENCH WITH PIN DETENT**

- The M18 FUEL™ high torque impact wrench delivers pneumatic breaking performance – up to 800 ft-lb, featuring torque detent pin.
- The Milwaukee® ONE-KEY™ technology allows you to store, track, and configure tools for optimum performance.

### Specifications

<table>
<thead>
<tr>
<th>Description</th>
<th>Article Number</th>
<th>Description</th>
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## M18 FMTIWF12

**M18 FUEL™ 1/2˝ MID TORQUE IMPACT WRENCH WITH PIN DETENT**

- The M18 FUEL™ mid torque impact wrench delivers 610 Nm in a compact size of only 170 mm.
- Use on any other product than adviced may result in damage to tool/motor and may void warranty.

### Specifications

<table>
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<th>Description</th>
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<th>Description</th>
<th>Article Number</th>
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## RUBBER SLEEVES FOR IMPACT WRNCHES

- Form-fitting, lightweight design protects the tool and work surface while adding minimal size or weight to the tool.
- The rubber sleeves are designed to withstand corrosive environments.

## Images

- [Image of M18 CHIWF12](image1.png)
- [Image of M18 FMTIWF12](image2.png)
- [Image of RUBBER SLEEVES FOR IMPACT WRNCHES](image3.png)
M18 ONEIWP12

M18 FUEL™ 1/2" IMPACT WRENCH WITH PIN DETENT

- M18 FUEL but with ONE-KEY™ technology
- Connect via Bluetooth® with the Milwaukee® ONE-KEY™ app
- Compact and lightweight impact wrench with tool end and LED
- Configure to any application choosing optimal tool settings for measurable revolutions
- Progressive profiles for unmatched control
- Select from a range of application profiles or quickly create your own for perfect results on every bigger task
- On board fuel gauge and LED light
- Individual battery cell monitoring optimises tool run time and performance
- REDLINK™ overload protection electronics in tool and battery
- Milwaukee® designed and built brushless POWERSTATE™ motor for longer motor life and up to 20% more power
- REDLITHIUM-ION™ battery pack delivers up to 2x more battery life
- Full metal gearbox and gears for superior durability and maximum torque
- Magnetic bit holder with 1/4" square drive for use with universal sockets
- Multi-handle design for optimal hand positions and maximum control
- Square drive for use with universal sockets
- Full metal gears and gears for superior durability and maximum torque
- Quick change ratchet
- On board fuel gauge and LED light

M18 FIWF12

M18 FUEL™ 1/2" IMPACT WRENCH WITH FRICTION RING

- Milwaukee® designed and built brushless POWERSTATE™ motor for longer motor life and up to 20% more power
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery
- Multi-handle design for multiple hand positions and maximum comfort
- Select from a range of application profiles or quickly create your own for perfect results on every bigger task
- On board fuel gauge and LED light
- Individual battery cell monitoring optimises tool run time and performance
- REDLINK™ overload protection electronics in tool and battery
- Milwaukee® designed and built brushless POWERSTATE™ motor for longer motor life and up to 20% more power
- REDLITHIUM-ION™ battery pack delivers up to 2x more battery life
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- Full metal gears and gears for superior durability and maximum torque
- Quick change ratchet
- On board fuel gauge and LED light

M18 FIWP12

M18 FUEL™ 1/2" IMPACT WRENCH WITH PIN DETENT

- Milwaukee® designed and built brushless POWERSTATE™ motor for longer motor life and up to 20% more power
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery
- Tool reception 1/2"
- Impact rate (ipm) 2400/2600/3100/2600
- Mode 4 intelligently detects when the tool has impacted on a fastener for one second automatically shutting the tool down, reducing overdriving and damaging materials
- REDLINK™ overload protection electronics in tool and battery
- Milwaukee® designed and built brushless POWERSTATE™ motor for longer motor life and up to 20% more power
- REDLITHIUM-ION™ battery pack delivers up to 2x more battery life
- Full metal gearbox and gears for superior durability and maximum torque
- Magnetic bit holder with 1/4" square drive for use with universal sockets
- Multi-handle design for optimal hand positions and maximum control
- Square drive for use with universal sockets
- Full metal gears and gears for superior durability and maximum torque
- Quick change ratchet
- On board fuel gauge and LED light

M18 BIW12

M18 COMPACT 1/2" IMPACT WRENCH

- Compact 1/2" impact wrench measures 155 mm in length making it ideal for working within confined spaces
- Milwaukee® high performance motor delivers maximum power and speed
- REDLINK™ overload protection electronics in tool and battery pack, delivers up to 5x more system durability
- Heavy duty full metal gears and gears for superior durability and maximum torque
- 1/2" square drive for use with universal sockets
- Individual battery cell monitoring optimises tool run time and performance
- On board fuel gauge and LED light
- REDLITHIUM-ION™ battery pack delivers up to 3x 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
- Quick change ratchet
- On board fuel gauge and LED light

M18 BIW38

M18 COMPACT 3/8" IMPACT WRENCH

- Compact 3/8" impact wrench measures 135 mm in length making it ideal for working within confined spaces
- Milwaukee® high performance motor delivers maximum power and speed
- REDLINK™ overload protection electronics in tool and battery pack, delivers up to 5x more system durability
- Heavy duty full metal gears and gears for superior durability and maximum torque
- 3/8" square drive for use with universal sockets
- Individual battery cell monitoring optimises tool run time and performance
- On board fuel gauge and LED light
- REDLITHIUM-ION™ battery pack delivers up to 3x 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
- Quick change ratchet
- On board fuel gauge and LED light

MAGNETIC BIT HOLDER

- Custom engineered steel and heat treatment for maximum strength and durability
- Solid construction withstands abuse in impact applications
- S eithering bit for secure grip
### MILWAUKEETOOL

#### 1/2" SOCKETS

- Impact duty (Chrome-Molybdenum) steel in high quality alloy steel which provides ultimate strength and durability.
- Best fitting thanks to 6 gripping points.
- Heavy duty construction for fastening capabilities in all impacts.
- Proprietary steel and heat treat process for maximum strength and durability.
- Colour coded for easy identification.

#### 1/4" SOCKETS

- Impact duty (Chrome-Molybdenum) steel in high quality alloy steel which provides ultimate strength and durability.
- Best fitting thanks to 4 gripping points.
- Heavy duty construction for fastening capabilities in all impacts.
- Proprietary steel and heat treat process for maximum strength and durability.
- Colour coded for easy identification.

### MAGNETIC NUT DRIVERS

- Custom engineered steel and heat treatment for maximum strength and extreme durability.
- Made from high quality alloy steel for strength and durability.
- Very suitable for high torque and impact applications.

### SOCKET AND BIT ADAPTORS

- Proprietary steel and heat treat process for maximum strength and durability.
- Heavy duty construction for fastening capabilities in all impacts.

### AUTOMOTIVE SOCKET SET

- Colour coded for easy identification.
- Made from high quality alloy steel for strength and durability.
- Set includes 17 mm, 16 mm and 21 mm.

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#### Table: 1/2" SOCKETS

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<td>17</td>
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<td>4932352848</td>
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#### Table: 1/4" MAGNETIC NUT DRIVERS

<table>
<thead>
<tr>
<th>A (MM)</th>
<th>B (MM)</th>
<th>C (MM)</th>
<th>D (MM)</th>
<th>E (MM)</th>
<th>F (MM)</th>
<th>Article Number</th>
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<td>12</td>
<td>15</td>
<td>21.8</td>
<td>4932352847</td>
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#### Table: 1/4" SOCKET AND BIT ADAPTORS

<table>
<thead>
<tr>
<th>Description</th>
<th>Total length (mm)</th>
<th>Article Number</th>
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<tbody>
<tr>
<td>Socket adapter 1/4&quot; F. To 3/8&quot; Hex</td>
<td>105</td>
<td>49323320</td>
</tr>
<tr>
<td>Socket adapter 1/4&quot; F. To 5/16&quot; Hex</td>
<td>105</td>
<td>49323321</td>
</tr>
<tr>
<td>Socket adapter 1/4&quot; F. To 1/4&quot; Hex</td>
<td>105</td>
<td>49323322</td>
</tr>
<tr>
<td>Bit adaptor 1/4&quot; square drive - 1/2&quot; Hex</td>
<td>80</td>
<td>4932451522</td>
</tr>
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</table>

#### Table: AUTOMOTIVE SOCKET SET

<table>
<thead>
<tr>
<th>Description</th>
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</tr>
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<tbody>
<tr>
<td>Impact wrench 3/8&quot; drive. DIN 3126 - E 6.3.</td>
<td>4932451568</td>
</tr>
<tr>
<td>Impact wrench 1/2&quot; drive. DIN 3126 - E 6.3.</td>
<td>4932451569</td>
</tr>
<tr>
<td>Impact wrench 3/4&quot; drive. DIN 3126 - E 6.3.</td>
<td>4932451570</td>
</tr>
</tbody>
</table>

---

### SHOCKWAVE IMPACT DUTY


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### WWW.MILWAUKEETOOL.EU

- #MILWAUKEETOOL
POLISHING
Variable two speed selection (0-2800 / 0-8300 RPM) for both
POLISHER/SANDER
6 m cable
Thermal overload protection
Special gear for high spindle torque and ideal polishing speed

M18 FAP
M18 FUEL™ POLISHER

- Milwaukee® designed and built brushless FLOWCORE™ motor to deliver the ultimate mobility in car polishing
- REDLITHIUM-ION™ battery pack for greater run time on allapplications
- 1850 W motor to deliver the ultimate mobility in car polishing
- Advanced digital overload protection for tool and battery and motor to deliver the ultimate mobility in car polishing
- Spindle lock allows fast, tool free accessory change
- Spindle size: M 14
- Disc diameter: 150 mm
- No load speed: 0 - 2500 RPM
- Power input: 1200 W
- No. of batteries supplied: 2
- Battery pack capacity (Ah): 4.0
- Charger supplied
- Supplied in HD Box

AP 14-2 200 E
1450 W POLISHER

- Powerful 1450 watt motor for high performance polishing
- Variable high torque per maximum speed under load
- Variable speed selection from 0 - 2100 RPM for all applications
- Spindle lock allows fast, tool free accessory change
- Spindle size: M 14
- Disc diameter: 150 mm
- No load speed: 0 - 2500 RPM
- Power input: 1200 W
- No. of batteries supplied: 2
- Battery pack capacity (Ah): 4.0
- Charger supplied
- Supplied in HD Box

AP 12 E
1200 W POLISHER WITH ELECTRONIC VARIABLE SPEED

- 1200 watt motor
- Ergonomic design for long work shifts
- Special gear for high speed handling and ideal polishing speed
- Soft start function
- Spindle lock allows fast, tool free accessory change
- 6 m cable

M12 BFS
M12™ SUB COMPACT POLISHER/SANDER

- Variable speed selection (0-3300 / 0-6300 RPM) for both polishing and sanding applications
- Lock delivers fast in class system balance
- Soft start function
- Spindle lock allows fast, tool free accessory change
- Spindle size: M 9 x 0.75
- Disc diameter: 76 mm
- No load speed gear 2 (rpm): 0 - 8300
- Power input: 1200 W
- No. of batteries supplied: 2
- Battery pack capacity (Ah): 4.0
- Charger supplied
- Supplied in HD Box

M12 BFS-522XE
M12™ POLISHER/SANDER

- Variable speed selection (0-490 - 2100 RPM) for all applications
- Premium high torque gear maintains speed under load
- Spindle lock allows fast, tool free accessory change
- Spindle size: M 9 x 0.75
- Disc diameter: 52 mm
- No load speed gear 2 (rpm): 0 - 8300
- Power input: 1200 W
- No. of batteries supplied: 2
- Battery pack capacity (Ah): 4.0
- Charger supplied
- Supplied in HD Box

POLISHING ACCESSORIES - SPOT POLISHER

- Polishing sponge - soft. Second polish of lacquer, lacquer care. 125 50 4932373184*
- Polishing sponge - Hard (yellow). Hard sponge for use with more aggressive polish for removal of deep scratches. Hook and loop fixation. For use with polishing / sanding backing pad. 28 11 4932430395
- Lambswool polishing disc. 100% natural lambswool. Premium quality with extremely high fibre density for longer lifetime. Integrated soft touch layer guarantees perfect
- Polishing / Sanding backing pad. Thread: M9 x 0.75. Hook and loop fixation. For use with polishing sponges and abrasive paper. 28 11 4932430475
- Spot polishing pad. Thread: M 9 x 0.75 mm. Hook and loop fixation. Threaded for coated abrasives and surface finishing products for coarse sanding applications, such as rust

PREMIUM POLISHING ACCESSORIES - HOOK & LOOP Ø 125 MM

- Felt polishing disc. Application: second polishing / finish of new lacquer work (spray mist and inclusion of dust), non ferrous metals and stainless steel, can also be used with
- Lambswool polishing disc. 100% natural lambswool. Premium quality with extremely high fibre density for longer lifetime. Integrated soft touch layer guarantees perfect

POLISHING ACCESSORIES - HOOK & LOOP Ø 125 / 150 MM

- Polishing sponge - super-soft. Polishing of lacquer, lacquer reconditioning and polish of plastic. 150 50 4932430397
- Polishing sponge - Hard. Hard sponge for use with more aggressive polish for removal of deep scratches. 145 30 4932300397
- Polish M-Wax 6000 (250 ml). Premium high-tech wax with 6000 grit for removing fine scratches and sealing the paintwork in one step. Excellent performance in removing fine
- Polish M-Cut 1500 (250 ml). A coarse 1500 grit polish for removing deep scratches without damaging the lacquer. Suitable for removing dust grains, orange peel texture,
CUTTING & REMOVAL
**M18 CAG125XPDB**

**M18 FUEL™ 125 MM BRAKING GRINDER**
- Milwaukee-designed and built brushless POWERTACK™ motor with the power to grind and cut up to 30% more metal per charge.
- REDLITHIUM™-ION battery pack delivers up to 20% more power, up to 2x more battery life and operates better down to -30°C than other lithium-ion technologies.
- RAPIDSTOP™ for market disc brake in less than 2 seconds and tool-orientated shutdown for improved user protection.
- Soft start for smooth start up.
- Burst resistant and tool-free quick release safety guard for fast adjustment.
- Ramped side switch for easy start-up, even when wearing gloves.
- 4 m cable

**Specifications**
- **Article Number**: 4933451427, 4933451544, 4933451471
- **Spindle size**: M 14
- **No load speed (rpm)**: 11,000
- **No. of batteries supplied**: 2
- **Battery pack capacity (Ah)**: 4.0
- **Charger supplied**
- **Weight (kg)**: 2.1
- **Max. cutting depth (mm)**: 28
- **Supplied in**: HD Box

**HD18 AG-125**

**M18™ HEAVY DUTY 125 MM ANGLE GRINDER**
- Milwaukee’s high performance 6-pole motor delivers maximum power and efficiency without exceeding the power to weight ratio.
- REDLITHIUM™-ION advanced protection electronics in tool and battery pack delivers maximum run time and tool performance.
- Full metal gear case delivers heavy duty durability.
- Redundant safety features on gear box deliver optimum ergonomics.
- Non lockable switch for best user protection and preventing accidental start up.
- Burst resistant and tool-free safety guard for best user protection and fast adjustment.
- Multi position side handle for ease of use.
- Die-cast magnesium alloy gear case provides exceptional performance tool run time and ensures long term pack durability.
- Fast gauge display remaining charge

**Specifications**
- **Article Number**: 4933440310, 4933440330
- **Spindle size**: M 14
- **No load speed (rpm)**: 9000
- **No. of batteries supplied**: 2
- **Battery pack capacity (Ah)**: 4.0
- **Charger supplied**

**AG 10 EK**

**1000 W ANGLE GRINDER**
- Powerful, 1000 W motor for strong performance in all applications.
- Extreme compact design with an overall short length of 276 mm and only 2.1 kg for maximum comfort handling.
- Line lock out function to prevent automatic start up after power breakdown.
- Soft start for smooth start up.
- Burst resistant and tool-free quick release safety guard for fast adjustment.
- Ramped side switch - easy actuating switch, even when wearing gloves.
- 4 m cable

**Specifications**
- **Article Number**: 4933448866
- **Spindle size**: M 14
- **No load speed (rpm)**: 8500
- **No. of batteries supplied**: 2
- **Battery pack capacity (Ah)**: 5.0
- **Charger supplied**

**AG 9**

**850 W ANGLE GRINDER**
- Powerful, 850 W PROTECTOR ANGLE™ with epoxy resin coated field and Heavy Duty winding protection for increased on time of tool.
- Light weight, slim and compact, a versatile all-purpose angle grinder.
- New digital electronic pack offers constant speed, soft start, motor overload protection and no-load speed limitation.
- Fixtec magnetic brake for precision scanning of work pieces and optimized cutting depth.
- Quick magnetic brake for accurate stop work.
- Automatic cut-off carbon brushes.
- Effective cooling fits keeps the motor cool even under heavy duty conditions.
- Fixtec nut for fast and easy disc change.
- Burst resistant quick release safety guard for easy adjustment.
- Automatic on-off switch.

**Specifications**
- **Article Number**: 4933451210, 4933451211, 4933451281
- **Spindle size**: M 14
- **No load speed (rpm)**: 11,500
- **No. of batteries supplied**: 2
- **Battery pack capacity (Ah)**: 2.5
- **Charger supplied**

**AG 800 E**

**800 W ANGLE GRINDER**
- Powerful 800 Watt motor for various applications with only 2.0 kg of weight for comfortable use during longer working periods.
- Very compact and slim body grip design with only 144 mm for maximum comfort handling.
- Line lock out function to prevent automatic start up after power breakdown.
- Soft start for smooth start up.
- Durable steel gears for long life time.
- Fixed metal gear head for increased cooling.
- Fixed metal gear head for maximum adjustability of workpiece, optimized cutting depth and tool in restricted areas.

**Specifications**
- **Article Number**: 4933448866
- **Spindle size**: M 14
- **No load speed (rpm)**: 11,500
- **No. of batteries supplied**: 2
- **Battery pack capacity (Ah)**: 4.0
- **Charger supplied**

**AG 800 EK**

**800 W ANGLE GRINDER**
- Powerful 800 Watt motor for various applications with only 2.0 kg of weight for comfortable use during longer working periods.
- Very compact and slim body grip design with only 144 mm for maximum comfort handling.
- Line lock out function to prevent automatic start up after power breakdown.
- Soft start for smooth start up.
- Durable steel gears for long life time.
- Fixed metal gear head for increased cooling.
- Fixed metal gear head for maximum adjustability of workpiece, optimized cutting depth and tool in restricted areas.
- Burst resistant quick release safety guard for fast adjustment.
- 4 m cable
### Thin Metal Cutting Discs Pro+

<table>
<thead>
<tr>
<th>Type</th>
<th>Disc diameter (mm)</th>
<th>Thickness (mm)</th>
<th>Bore size (mm)</th>
<th>Pack quantity</th>
<th>Article Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCS 41 / 115</td>
<td>115</td>
<td>1</td>
<td>22.2</td>
<td>1</td>
<td>4932451484</td>
</tr>
<tr>
<td>SCS 41 / 125</td>
<td>125</td>
<td>1.5</td>
<td>22.2</td>
<td>1</td>
<td>4932451487</td>
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<tr>
<td>SCS 41 / 180</td>
<td>180</td>
<td>6</td>
<td>22.2</td>
<td>1</td>
<td>4932451490</td>
</tr>
<tr>
<td>SCS 41 / 230</td>
<td>230</td>
<td>1.9</td>
<td>22.2</td>
<td>1</td>
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</table>

**Applications:** Suitable for mild steel. Not suitable for stainless steel.

**Characteristics:** Provides good lifetime and efficient grinding characteristics.

### Metal Cutting Discs Pro+

<table>
<thead>
<tr>
<th>Type</th>
<th>Disc diameter (mm)</th>
<th>Thickness (mm)</th>
<th>Bore size (mm)</th>
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<th>Article Number</th>
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<td>4932451481</td>
</tr>
<tr>
<td>SCS 41 / 230</td>
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<td>1.9</td>
<td>22.2</td>
<td>1</td>
<td>4932451493</td>
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</table>

**Applications:** Great performance in cutting mild steel with high performance.

**Characteristics:** Excellent cutting properties in combination with high performance.

### Metal Grinding Discs Pro+

<table>
<thead>
<tr>
<th>Type</th>
<th>Disc diameter (mm)</th>
<th>Thickness (mm)</th>
<th>Bore size (mm)</th>
<th>Pack quantity</th>
<th>Article Number</th>
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<td>22.2</td>
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<td>230</td>
<td>1.9</td>
<td>22.2</td>
<td>1</td>
<td>4932451493</td>
</tr>
</tbody>
</table>

**Applications:** Sound performance in mild steel and non alloy tool steel.

**Characteristics:** Provides good lifetime and efficient grinding characteristics.

### Thin Metal Cutting Discs Contractor Series

<table>
<thead>
<tr>
<th>Type</th>
<th>Diameter (mm)</th>
<th>Thickness (mm)</th>
<th>Bore size (mm)</th>
<th>Pack quantity</th>
<th>Article Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCS 41 / 115</td>
<td>115</td>
<td>1</td>
<td>22.2</td>
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<td>4932451484</td>
</tr>
<tr>
<td>SCS 41 / 125</td>
<td>125</td>
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<td>1</td>
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<td>230</td>
<td>1.9</td>
<td>22.2</td>
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**Applications:** Suitable for mild steel. Not suitable for stainless steel.

### Metal Grinding Discs Contractor Series

<table>
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<tr>
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<td>4932451487</td>
</tr>
<tr>
<td>SCS 41 / 180</td>
<td>180</td>
<td>6</td>
<td>22.2</td>
<td>1</td>
<td>4932451490</td>
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<tr>
<td>SCS 41 / 230</td>
<td>230</td>
<td>1.9</td>
<td>22.2</td>
<td>1</td>
<td>4932451494</td>
</tr>
</tbody>
</table>

**Applications:** Suitable for mild steel. Not suitable for stainless steel.

### Flap Discs

<table>
<thead>
<tr>
<th>Type</th>
<th>Disc diameter (mm)</th>
<th>Grit</th>
<th>Bore size (mm)</th>
<th>Backing pad material</th>
<th>Article Number</th>
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</thead>
<tbody>
<tr>
<td>SLC 50 / 115</td>
<td>115</td>
<td>120</td>
<td>22.2</td>
<td>Natural Fibre</td>
<td>4932430408</td>
</tr>
<tr>
<td>SLC 50 / 125</td>
<td>125</td>
<td>120</td>
<td>22.2</td>
<td>Natural Fibre</td>
<td>4932430413</td>
</tr>
<tr>
<td>SLC 50 / 125</td>
<td>125</td>
<td>80</td>
<td>22.2</td>
<td>Natural Fibre</td>
<td>4932430414</td>
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<td>SLC 50 / 125</td>
<td>125</td>
<td>200</td>
<td>22.2</td>
<td>Natural Fibre</td>
<td>4932430415</td>
</tr>
</tbody>
</table>

**Applications:** Ferrous metals, non-ferrous metals (aluminium, brass, etc.), stainless steel (A280 / A400 / A50). Ceramic hybrid disc: grinds stainless steel, bronze, titanium, hardox. Ceramic hybrid disc: does not impair performance when grinding alco steel, mild steel, tool steel.

**Characteristics:** Self trimming backing pad allows grinding on the last grain! Made in Germany. Ideal grinding speed: Ø115 mm: 7.000 – 8.000 rpm. Ø125 mm: 6.000 – 7.000 rpm.

**Fixtec Nut**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Article Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIXTEC - M14</td>
<td>4932352473</td>
</tr>
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</table>


**Fixtec Nut**

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**Applications:** High speed accuracy! Faster than normal Allthread nuts. Stainless steel M14 thread. Counter display 4932352473.

**Fixtec Nut**

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</thead>
<tbody>
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<td>4932352473</td>
</tr>
</tbody>
</table>

**Applications:** High speed accuracy! Faster than normal Allthread nuts. Stainless steel M14 thread. Counter display 4932352473.
M12 BS
M12” SUB COMPACT BANDSAW

- Compact light weight design for cutting with one hand overhead in wall, ceiling and floor installations and tight spaces
- Milwaukee® designed and built brushless POWERSTATE™ motor provides most comfortable cut with best in class run time
- Tool-free depth adjustment, quickly and easily adjusts cutting depth from 0 to 57 mm
- Flexible battery system: works with all Milwaukee® M18™ technologies
- Universal reception to fit both, 6 and 8 mm accessories
- M18™ COMPACT METAL SHEAR
- M18 BMS20
- M18™ COMPACT METAL SHEAR
- 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 technologies
- Flexible battery system: works with all Milwaukee® M18™ batteries

M18 FMCS
M18 FUEL™ METAL SAW

- Milwaukee designed and built brushless POWERSTATE™ motor provides optimal cutting performance with up to 2x more motor life and up to 2x more run time compared to other lithium-ion technologies
- 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 technologies
- Flexible battery system: works with all Milwaukee® M18™ batteries

HD18 BS
M18” HEAVY DUTY METAL BANDSAW

- 4.5 kg compact light weight design for cutting overhead and a tight spaces
- 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
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- In-Line wrist design for increased control during cutting
- Variable speed trigger for extra control during cutting
- Snap for easy pack change
- 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

M18 CBS125
M18 FUEL™ DEEP CUT BANDSAW

- Milwaukee® designed and built brushless POWERSTATE™ motor provides optimal cutting performance with up to 2x more motor life and up to 2x more run time compared to other lithium-ion technologies
- Tool-free adjustable material shoe – quickly adjusts the shoe and maximizes material guide comfortable handling
- Unique 360° tool-free rotating head with 12 locking positions to ensure stock cuts
- In-Line wrist design for increased control during cutting
- Variable speed trigger for extra control during cutting
- Snaps for easy pack change
- 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® M18™ batteries

M18 FDG
M18 FUEL™ DIE GRINDER

- Milwaukee® designed and built brushless POWERSTATE™ motor with controlled performance, up to 20 mm of grinding on a 3/8” (9.52 mm) die
- Unique 360° tool-free rotating head with 12 locking positions to ensure stock cuts
- Advanced digital overload protection for tool and battery and advanced digital overload protection for tool and battery and advanced digital overload protection for tool and battery and advanced digital overload protection for tool and battery
- REDLITHIUM™ 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 technologies
- Flexible battery system: works with all Milwaukee® M18™ batteries
C12 RT
M12® SUB COMPACT ROTARY TOOL
- Versatile cordless solution for cutting and removal applications
- REDLITHIUM™ polymer protection electronics in tool and battery pack deliver best in class system durability
- Variable speed (5000 - 20,000 rpm) and 1.5° left/right oscillation movement allows quick completion of professional applications into materials such as metal, wood and plastic
- Will accept competitor accessories
- Individual battery cut monitoring optimises tool run time and ensures long term pack durability
- Fuel gauge displays remaining charge
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Spindle lock mechanism for easy accessory changes
- Variable speed (5000 - 32,000 rpm)

M18 BMT
M18® COMPACT MULTI TOOL
- Up to 60% faster and versatile cordless solution for cutting and removal applications with control performance
- REDLITHIUM™ polymer protection and constant speed electronics in tool deliver best in class durability and performance
- 12 variable speed settings from 12,000 - 18,000 orbits per minute
- Unique cutting depth stop adaptor to prevent over-cutting in materials
- Unique dust extraction kit to keep the work space dust-free when connected to an AC or DC extraction system
- Flexible battery system: works with all Milwaukee® M18™ batteries

MULTITOOL ACCESSORIES
- Universal blade receptor makes Milwaukee® blades compatible with the most popular oscillating tools

<table>
<thead>
<tr>
<th>Description</th>
<th>Tool no. pack</th>
<th>Width (mm)</th>
<th>Length (mm)</th>
<th>Article Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>18 mm plunge cut blade</td>
<td>4933427180</td>
<td>16</td>
<td>40</td>
<td>4933427180</td>
</tr>
<tr>
<td>32 mm plunge cut blade</td>
<td>4933441705</td>
<td>16</td>
<td>40</td>
<td>4933441705</td>
</tr>
<tr>
<td>32 mm flush cut blade</td>
<td>4933446210</td>
<td>16</td>
<td>40</td>
<td>4933446210</td>
</tr>
<tr>
<td>64 mm Bi-Metal wide blade</td>
<td>4933441710</td>
<td>1.0</td>
<td>1.2</td>
<td>4933441710</td>
</tr>
<tr>
<td>80 mm flush cut segmented blade</td>
<td>4933441715</td>
<td>32 mm fast cut Japanese teeth</td>
<td>0.6</td>
<td>40</td>
</tr>
<tr>
<td>80 mm flush cut segmented blade</td>
<td>4933441720</td>
<td>14</td>
<td>40</td>
<td>4933441720</td>
</tr>
<tr>
<td>80 mm flush cut segmented blade</td>
<td>4933441725</td>
<td>80</td>
<td>20</td>
<td>4933441725</td>
</tr>
<tr>
<td>64 mm flush cut segmented blade</td>
<td>4933446205</td>
<td>64</td>
<td>40</td>
<td>4933446205</td>
</tr>
<tr>
<td>16 mm 60° flush segmented blade</td>
<td>4933427183</td>
<td>1.7</td>
<td>1.7</td>
<td>4933427183</td>
</tr>
<tr>
<td>64 mm 60° flush cut segmented blade</td>
<td>4933427181</td>
<td>1.7</td>
<td>1.7</td>
<td>4933427181</td>
</tr>
<tr>
<td>16 mm 60° flush cut segmented blade</td>
<td>4933427182</td>
<td>1.7</td>
<td>1.7</td>
<td>4933427182</td>
</tr>
<tr>
<td>16 mm 60° flush cut segmented blade</td>
<td>4933427184</td>
<td>1.7</td>
<td>1.7</td>
<td>4933427184</td>
</tr>
</tbody>
</table>

ACCESSORIES
- Carbide grit blade for fast, clean cuts in soft materials
- Bi-Metal wide blade for accurate flush cuts in wood, plastic and fibreglass
- Great removal blade for removing damaged grout between wall or floor tiles. Also good for cutting grooves in drywall.
- Sanding paper, hook & loop. 93 x 93 mm, 150 grit. (100)
BLADE LENGTH 1139.83 MM (CORDED & M18 FUEL™)
- Bi-metal blades with marks to high speed start/leath with 4% cobalt cemented carbide blades up to 3 times, requiring fewer blade changes.
- Externally hardened teeth point in electron beam reducing cutting time by 30% and extending blade life.
- Unique blade technology backed up with high life for faster cutting, and longer blade life.

BLADE LENGTH 898.52 MM (M18)
- Especially engineered blades for exclusive use on 12 V HACKZALL™
- Optimised tooth form for aggressive and faster cutting.
- Taper blades for faster penetration and light weight.
- 90 mm wide scraper for removing strong adhesive silicon, caulk, paint and putty.
- 125 mm blade scraper for removing glue, silicon, caulking, vinyl, paint, and wallpaper.
- Good-quality blade for removing damaged or moulded grout between tiles.

BLADE LENGTH 687.57 MM (M12)
- Especially engineered blades for exclusive use on 12 V C12 HZ-0
- Optimised tooth form for aggressive and faster cutting.
- Taper blades for faster penetration and light weight.
- 50 mm wide scraper for removing strong adhesive silicon, caulk, paint and putty.
- 75 mm blade scraper for removing glue, silicon, caulking, vinyl, paint, and wallpaper.
- Good-quality blade for removing damaged or moulded grout between tiles.

METAL: HEAVY DUTY DEMOLITION BLADES
- Strong: Robust 1.0 mm thick body.
- Superior handling: The bi-metal blade body will bend and flex like a hacksaw.
M18 CV
M18 COMPACT HAND VAC

- Excellent suction power for wood, metal and common debris
- HEPA filter will collect 99.6% of airborne particles down to 0.5 microns
- Variable speed control allows for precise cleaning
- Clear dust filter window gives the user the ability to see debris build up
- Up to 20 minutes continuous run time on a 5.0 Ah battery
- Flexible battery system: works with all Milwaukee® M18™ batteries

<table>
<thead>
<tr>
<th>M18 CV-0</th>
<th>M18 CV-502X</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight with battery pack (kg)</td>
<td>1.2 5.4</td>
</tr>
<tr>
<td>Temperature range (°C)</td>
<td>51 537</td>
</tr>
<tr>
<td>Heater power (W)</td>
<td>90 90</td>
</tr>
<tr>
<td>Battery pack capacity (Ah)</td>
<td>4.0 4.0</td>
</tr>
<tr>
<td>No. of batteries supplied</td>
<td>0 2</td>
</tr>
<tr>
<td>Articulate Heat Gun</td>
<td>X STORAGE</td>
</tr>
</tbody>
</table>

M12 SI
M12® SUB COMPACT SOLDERING IRON

- Quick heat up - ready in 60 - 100 seconds
- Cooling heat resistant - 0°C - 60°C
- Comfortable grip
- Heat resistant rubber grip handle
- LED work light - increased visibility of soldering application
- M12™ system compatible - 40+ tools

<table>
<thead>
<tr>
<th>M12 SI-0</th>
<th>M12 SI-201C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight with battery pack (kg)</td>
<td>0.5 1.2</td>
</tr>
<tr>
<td>Weight with battery pack and cable (kg)</td>
<td>0.5 1.2</td>
</tr>
<tr>
<td>Voltage</td>
<td>12V 12V</td>
</tr>
<tr>
<td>Battery Type</td>
<td>M12™ 4.0Ah 4.0Ah</td>
</tr>
<tr>
<td>Max. cutting depth in non-ferrous metal (mm)</td>
<td>25 25</td>
</tr>
<tr>
<td>Max. cutting depth in aluminium (mm)</td>
<td>25 25</td>
</tr>
<tr>
<td>Max. cutting depth in steel (mm)</td>
<td>20 20</td>
</tr>
</tbody>
</table>

M18 BHG
M18® COMPACT HEAT GUN

- High performance heat coil allows the tool to reach 557°C
- Reached operational temperature in six seconds allowing the user to quickly complete the application
- Milwaukee® patented FIXTEC clamp for fast and easy blade changes
- Durable ladder hook for work space management and safety
- Integrated LED light to illuminate the work area

<table>
<thead>
<tr>
<th>M18 BHG-0</th>
<th>M18 BHG-502C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight with battery pack (kg)</td>
<td>0.5 1.1</td>
</tr>
<tr>
<td>Weight with battery pack and cable (kg)</td>
<td>0.5 1.1</td>
</tr>
<tr>
<td>Voltage</td>
<td>18V 18V</td>
</tr>
<tr>
<td>Battery Type</td>
<td>M18™ 5.0Ah 5.0Ah</td>
</tr>
<tr>
<td>Air volume (l/min)</td>
<td>934 1019.33</td>
</tr>
<tr>
<td>Max. vacuum (mbar)</td>
<td>31.1 84.8</td>
</tr>
</tbody>
</table>

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
- Milwaukee® patented FIXTEC clamp for fast and easy blade changes
- Durable ladder hook for work space management and safety
- Integrated LED light to illuminate the work area

<table>
<thead>
<tr>
<th>M18 VC-0</th>
<th>M18 VC-502X</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight with battery pack (kg)</td>
<td>5.4 8.0</td>
</tr>
<tr>
<td>Air volume (l/min)</td>
<td>1246 1019.33</td>
</tr>
<tr>
<td>Max. vacuum (mbar)</td>
<td>80 84.8</td>
</tr>
<tr>
<td>Hose diameter (mm)</td>
<td>31.5 / 41.7</td>
</tr>
<tr>
<td>Capacity solids (l)</td>
<td>9.65 2.5</td>
</tr>
</tbody>
</table>

M12 HV
M12® SUB COMPACT STICK VAC

- Excellent suction power for wood, metal and common debris
- Clear dust filter window gives the user the ability to see debris build up
- Lock on switch reduces fatigue during sustained use
- Variable speed control allows for precise cleaning
- Compact design makes it easy to clean in tight areas
- Secureer second tier guards against unwanted ejections

<table>
<thead>
<tr>
<th>M12 HV-0</th>
<th>M12 HV-202C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight with battery pack (kg)</td>
<td>0.5 1.9</td>
</tr>
<tr>
<td>Weight with battery pack and charger (kg)</td>
<td>0.5 2.8</td>
</tr>
<tr>
<td>Battery Type</td>
<td>M12™ 4.0Ah 4.0Ah</td>
</tr>
<tr>
<td>Air volume (l/min)</td>
<td>1019.33 1246</td>
</tr>
<tr>
<td>Max. vacuum (mbar)</td>
<td>80 84.8</td>
</tr>
<tr>
<td>Hose diameter (mm)</td>
<td>32 32</td>
</tr>
<tr>
<td>Capacity solids (l)</td>
<td>2.5 9.65</td>
</tr>
</tbody>
</table>

M18 BSX
M18® HEAVY DUTY SAWZALL®

- Milwaukee® high performance 6-piece motor delivers maximum power whilst maintaining the power to weight ratio
- SIWAT®-powered protection electronics in tool and battery ensure optimal performance and maximum safety
- Milwaukee® patented FIXTEC clamp for fast and easy blade changes
- Durable ladder hook for work space management and safety
- Integrated LED light to illuminate the work area

<table>
<thead>
<tr>
<th>M18 BSX-0</th>
<th>M18 BSX-402C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>18V 18V</td>
</tr>
<tr>
<td>Battery Type</td>
<td>M18™ 5.0Ah 5.0Ah</td>
</tr>
<tr>
<td>No. of batteries supplied</td>
<td>0 2</td>
</tr>
<tr>
<td>Weight with battery pack (kg)</td>
<td>4.1 4.4</td>
</tr>
<tr>
<td>Stroke length (mm)</td>
<td>28.6 28.6</td>
</tr>
<tr>
<td>No load stroke rate (spm)</td>
<td>0 - 3000 0 - 3000</td>
</tr>
<tr>
<td>Max. cutting depth in metal pipe (mm)</td>
<td>150 150</td>
</tr>
<tr>
<td>Max. cutting depth in steel (mm)</td>
<td>20 20</td>
</tr>
</tbody>
</table>

M18 CSX
M18 FUEL® SAWZALL®

- Milwaukee® designed and built brushless POWERSHIFT® motor for up to 6X longer motor life and up to 50% faster cut speed
- SIWAT®-powered protection electronics in tool and battery ensure optimal performance and maximum safety
- Milwaukee® patented FIXTEC clamp for fast and easy blade changes
- Durable ladder hook for work space management and safety
- Integrated LED light to illuminate the work area

<table>
<thead>
<tr>
<th>M18 CSX-0</th>
<th>M18 CSX-652X</th>
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</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>18V 18V</td>
</tr>
<tr>
<td>Battery Type</td>
<td>M18™ 5.0Ah 5.0Ah</td>
</tr>
<tr>
<td>No. of batteries supplied</td>
<td>0 2</td>
</tr>
<tr>
<td>Weight with battery pack (kg)</td>
<td>4.0 8.0</td>
</tr>
<tr>
<td>Stroke length (mm)</td>
<td>28.6 28.6</td>
</tr>
<tr>
<td>No load stroke rate (spm)</td>
<td>0 - 3000 0 - 3000</td>
</tr>
<tr>
<td>Max. cutting depth in non-ferrous metal (mm)</td>
<td>25 25</td>
</tr>
<tr>
<td>Max. cutting depth in aluminium (mm)</td>
<td>25 25</td>
</tr>
<tr>
<td>Max. cutting depth in steel (mm)</td>
<td>20 20</td>
</tr>
</tbody>
</table>
LUBRICANTS & SEALANTS
M12™ sub compact caulk gun  

• Powerful 12 V motor delivers over 562 bar max operating pressure  
• REDLITHIUM™ over-molded protection electronics in tool and battery pack deliver extended performance under extreme conditions  
• REDLINK™ overload protection electronics in tool and battery - protects user and tools from abrupt power loss  
• Optimised performance with all adhesives and cool temperatures  
• Anti-drip 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  
• On board fuel gauge and LED light  

Specifications:  
- Max. pushing force (N): 1780  
- Speed settings: 6  
- Battery pack capacity (Ah): 2.0  
- Weight with battery pack (kg): 2.0  
- Charger supplied: 40 min  
- No. of batteries supplied: 1  
- Standard equipment: 310 ml canister cartridge holder  

M12 PCG/310 C18 PCG/310 M18 PCG/310  

M18™ heavy duty caulk gun with 310 ml cartridge holder  

• Powerful 18 V motor delivers over 4500 N of force  
• REDLITHIUM™ over-molded protection electronics in tool and battery pack deliver extended performance under extreme conditions  
• REDLINK™ overload protection electronics in tool and battery - protects user and tools from abrupt power loss  
• Optimised performance with all adhesives and cool temperatures  
• Anti-drip 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  
• On board fuel gauge and LED light  

Specifications:  
- Max. pushing force (N): 4500  
- Speed settings: 6  
- Battery pack capacity (Ah): 2.0  
- Weight with battery pack (kg): 2.3  
- Charger supplied: 40 min  
- No. of batteries supplied: 1  
- Standard equipment: 310 ml canister cartridge holder  

M18™ heavy duty caulk gun with 600 ml tube  

• Powerful 18 V motor delivers over 4500 N of force  
• REDLITHIUM™ over-molded protection electronics in tool and battery pack deliver extended performance under extreme conditions  
• REDLINK™ overload protection electronics in tool and battery - protects user and tools from abrupt power loss  
• Optimised performance with all adhesives and cool temperatures  
• Anti-drip 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  
• On board fuel gauge and LED light  

Specifications:  
- Max. pushing force (N): 4500  
- Speed settings: 6  
- Battery pack capacity (Ah): 2.0  
- Weight with battery pack (kg): 2.3  
- Charger supplied: 40 min  
- No. of batteries supplied: 1  
- Standard equipment: 600 ml alum. tube
MAINTENANCE
### M12™ SUB COMPACT
**M-SPECTOR™ 360° CAMERA**
- Rotating screen: screen rotates 270 degrees providing the user view from any angle.
- Optimized 6.8 mm LCD digital image and large sensor.
- Electronic zoom zooms the image sensor to reduce image quality in easily hot spots.
- Comfortable LED light test in close brightness without shadow or glare.
- Enhanced cable: aluminium head and improved flexibility delivers unmatched durability and pipe manoeuvrability.
- REDLITHIUM™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life than other lithium-ion technologies.
- Flexible battery system: works with all Milwaukee® M12™ batteries.

### M12™ DIGITAL INSPECTION CAMERA
**M12 IC AV3**
- 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.
- Optimized 6.8 mm LCD digital image and larger screen delivers crisp clear picture.
- 3.7 mm mini-CCD image sensor: superior image quality in nearly half the size.
- 4 surround LED lights: for best in class brightness without shadow or glare.
- Optimal 68.6 mm LCD: digital image and larger screen works within a range of 10 m.
- Enhanced cable: aluminium head and improved flexibility delivers unmatched durability and pipe manoeuvrability.
- Enhanced cable: aluminium head and improved flexibility delivers unmatched durability and pipe manoeuvrability.
- 4 surround LED lights, for best in class brightness without shadow or glare.
- Battery pack capacity (Ah): 2.0 Ah.
- Display resolution (pixels): 320 x 240.
- Display size (mm): 65.8 x 30.
- Run time: 40 min.
- No. of batteries supplied: 1.
- Voltage (DC) (V): 600.
- Voltage (AC) (V): 6.00 mV - 600.
- Resistance (kΩ): 40,000.
- Capacitance (μF): 1000.
- Compatibility: Lo-Z, – always guaranteed accurate readings.
- Side mounted dial for one-handed use.
- Cat III 600 V for increased safety.
- High contrast, easy to read display provides clearer readings.
- Slide rail for accessory mount.
- Supplied with electrical test lead set, thermocouple (dual banana) and 3 x AA batteries.

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

### 2217-40
**DIGITAL MULTIMETER**
- TRMS always guarantees accurate readings.
- High contrast easy-to-read display provides clearer readings.
- CAT III 600 V for increased safety.
- Supplied with electrical test lead set and 2 x AA batteries.
- Rugged over-moulding protects your meter in any environment.
- Replaceable test leads for greater flexibility.
- Dual LED and audible indicators for fast and convenient test.
- Side mounted dial for one-handed use.
- Auto voltage range.
- Feature set tailored to electrician – for intuitive use.
- CAT III 600 V for increased safety.
- High contrast, easy to read display provides clearer readings.
- Slide rail for accessory mount.
- Supplied with electrical test lead set and 3 x AA batteries.

### 2216-40
**LIGHT COMMERCIAL MULTIMETER**
- TRMS always guarantees accurate readings.
- CAT III 600 V for increased safety.
- Rugged over-moulding increases durability and user grip.
- CAT III 600 V for increased safety.
- Rugged over-moulding increases durability and user grip.
- High contrast, easy to read display provides clearer readings.
- Slide rail for accessory mount.
- Versatile contact temperature measurement.
- Lo-Z measurement Yes.
- CAT III 600 V for increased safety.
- High contrast, easy to read display provides clearer readings.
- Slide rail for accessory mount.
- Supplied with electrical test lead set and 2 x AAA batteries.

### 2220-20
**AUTO VOLTAGE/CONTINUITY TESTER**
- Provides measurements down to decimals and displays them on an easy-to-read backlit LCD.
- Automatically determines the need for voltage or continuity tests and displays all measurements with proper indication.
- Side mounted dial for one-handed use.
- LED workout for low ohm areas.
- Data LED not available indicators for test and non-test results.
- Rugged over-moulding protects your meter in any environment.

### 2267-40
**10:1 INFRARED TEMP-GUN**
- 10:1 distance to spot ratio, a 1 m spot from 10 m away.
- Up to ±3% at 0 to 40°C, 50% RH temperature range.
- Replaceable LCD display for superior readability.
- Slide rail for accessory mount.
- Side mounted dial for one-handed use.
- Rugged over-moulding protects lens and screen from direct impact.

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LIGHTING
M12 UHL
M12™ UNDERHOOD LIGHT

- Milwaukee®’s FINISHGUARD™ hooks provide lasting protection against scratches to a vehicle’s finish.
- No more groping surface for maximized hold.
- 12 in machined end and hanging latch for added flexibility and versatility.
- Floating hook height adjustable 119 cm - 196 cm (47˝ - 77˝) luminous white color.
- Flexible battery system: works with all Milwaukee® M12™ battery packs.
- Low battery indicator, light flashes when battery pack is low.
- Impact and chemical resistant lens.
- 2X more gripping surface for maximum hold.
- Low profile design for added flexibility.
- Two LED’s illuminate area.
- Impact and chemical resistant lens.

M12 AL
M12™ LED AREA LIGHT

- TRUEVIEW™ high definition lighting.
- Five high performance LEDs provide 1000 Lumens of light.
- Highly durable and impact resistant polycarbonate lens to withstand abusive job site conditions.
- Integrated magnets, clamping mechanism, and key hole for access / radio provide multiple mounting options for different situations.
- Most compact flood light designed for the on-the-go needs of professional users.
- IP54 rating, the light is protected from dust and splashing water.
- Pivoting 45° forward & backward head allows for 180° coverage. 2 adjustable metal hooks for hanging in vertical and horizontal positions.
- Low battery indicator, light flashes when battery pack is low.
- Impact resistant polycarbonate lens and durable roll cage to protect the light from rough job site conditions.
- Dual power source, powered by either M12™ REDLITHIUM™ battery packs or by 2.5 m included extension cord.
- Easy one-handed transport with built-in carry handles.
- Eight high performance LEDs provide 1500 Lumens of light.
- Battery pack capacity (Ah): 5/10.
- Weight with battery pack (kg): 1.1.
- Max. run time with M12 B4 battery: 8 / 15 / 67 / 16.
- Max. run time with M18 B5 battery: 2 / 4 / 9 / -.
- Max. light output: High/Medium/Low/Strobe (Lumens): 1500 / - / 780 / 700.

M12 LL
M12™ LED LANTERN LIGHT

- TRUEVIEW™ high definition lighting. 
- 360° - 360° adjustable beam - versatile design, allows the user to select between area lighting and task lighting.
- Eight high performance LEDs provide 1500 Lumens of light.
- Low battery indicator, light flashes when battery pack is low.
- Impact resistant polycarbonate lens and durable roll cage to protect the light from rough job site conditions.
- Compact roll cage design provides superior durability.
- Convenient 360° handle - ability to hang vertically or horizontally.
- Flexibly mount vertically or on a max. 13 mm diameter pipe, threaded rod or rebar to maximize hands-free operation.
- Flexible battery system: works with all Milwaukee® M12™ batteries.
- 12 light settings provide up to 2500 Lumens on high - up to 30% brighter than a 250 W halogen light.
- Eight high performance LEDs provide 1500 Lumens of light.
- Low battery indicator, light flashes when battery pack is low.
- Impact resistant polycarbonate lens and durable roll cage to protect the light from rough job site conditions.
- Dual power source, powered by either M12™ REDLITHIUM™ battery packs or by 2.5 m included extension cord.
- Easy one-handed transport with built-in carry handles.
- Twelve high performance LEDs provide up to 2500 Lumens of light.
- Battery pack capacity (Ah): 4 / - / 8 / -.
- Weight with battery pack (kg): 2.1.
- Max. run time with M18 B5 battery: 2 / 4 / 9 / -.
- Max. light output: High/Medium/Low/Strobe (Lumens): 1500 / - / 780 / 700.

M12 SL
M12™ LED STICK LIGHT

- TRUEVIEW™ high definition lighting.
- Powerful LED design provides 500 Lumens Adjustable.
- Cordless design - operates in locations other lights cannot.
- Flexible battery system: works with all Milwaukee® M12™ batteries.
- Portable LED design provides 500 Lumens of light to be hung in multiple orientations when being used.
- Convenient design - operates in locations other lights cannot.
- Flexible battery system: works with all Milwaukee® M12™ batteries.

M18 HAL
M18™ HIGH PERFORMANCE LED AREA LIGHT

- TRUEVIEW™ high definition lighting.
- Eight high performance LEDs provide 700 Lumens of light.
- Low/Strobe (Lumens): 220 / - / - / -
- Eight high performance LEDs provide 700 Lumens of light.
- Low/Strobe (Lumens): 220 / - / - / -
- Eight high performance LEDs provide 700 Lumens of light.
- Low/Strobe (Lumens): 220 / - / - / -
- Eight high performance LEDs provide 700 Lumens of light.
- Low/Strobe (Lumens): 220 / - / - / -

M18 AL
M18™ LED AREA LIGHT

- TRUEVIEW™ high definition lighting.
- Eight high performance LEDs provide 700 Lumens of light.
- Low/Strobe (Lumens): 220 / - / - / -
- Eight high performance LEDs provide 700 Lumens of light.
- Low/Strobe (Lumens): 220 / - / - / -
- Eight high performance LEDs provide 700 Lumens of light.
- Low/Strobe (Lumens): 220 / - / - / -
- Eight high performance LEDs provide 700 Lumens of light.
- Low/Strobe (Lumens): 220 / - / - / -

M18 LL
M18™ LED LANTERN LIGHT

- TRUEVIEW™ high definition lighting.
- Eight high performance LEDs provide 1500 Lumens of light.
- Low/Strobe (Lumens): 1500 / - / 780 / -
- Eight high performance LEDs provide 1500 Lumens of light.
- Low/Strobe (Lumens): 1500 / - / 780 / -
- Eight high performance LEDs provide 1500 Lumens of light.
- Low/Strobe (Lumens): 1500 / - / 780 / -
- Eight high performance LEDs provide 1500 Lumens of light.
- Low/Strobe (Lumens): 1500 / - / 780 / -

M18 IL
M18™ LED INSPECTION LIGHT

- TRUEVIEW™ high definition lighting.
- Eight high performance LEDs provide 1500 Lumens of light.
- Low/Strobe (Lumens): 1500 / - / 780 / -
- Eight high performance LEDs provide 1500 Lumens of light.
- Low/Strobe (Lumens): 1500 / - / 780 / -
- Eight high performance LEDs provide 1500 Lumens of light.
- Low/Strobe (Lumens): 1500 / - / 780 / -
- Eight high performance LEDs provide 1500 Lumens of light.
- Low/Strobe (Lumens): 1500 / - / 780 / -

#MILWAUKEETOOL  WWW.MILWAUKEETOOL.EU
RADIOS & SPEAKERS
### C12 JSR

**M12™ SUB COMPACT RADIO WITH MP3 PLAYER CONNECTION**

- Advanced technology AM/FM tuner for high-reception and clarity
- Power from either M12™ battery or 12V AC mains supply
- All day run time on a M12™ Milwaukee® battery pack
- Weather sealed auxiliary compartment protects M3 players
- Digital display tuner for accurate signal selection
- Made to last for rugged mobile use
- 320 - 850V power adapter, 3.5 mm jack plug for auxiliary connection, i.e. iPod

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Battery Type</th>
<th>Voltage (AC) (V)</th>
<th>Weight (kg)</th>
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<tr>
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<td>M12™ SUB COMPACT RADIO WITH MP3 PLAYER CONNECTION</td>
<td>Li-ion</td>
<td>220 - 240</td>
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</table>

### M12-JSSP

**M12™ JOBSITE BLUETOOTH® SPEAKER**

- Advanced technology Bluetooth® jobsite speaker
- Connect wirelessly with portable electronic devices from up to 30 m away
- 30 m range in any orientation
- Bluetooth® wireless range of up to 30 m
- Premium speaker with bass port
- Weather sealed auxiliary compartment protects MP3 players
- Premium speaker and 40 W amplifier produce rich, full sound
- Exclusive AM/FM tuner with digital processor delivers highest reception accuracy and signal clarity
- AC/DC versatility: powered by Milwaukee® M18™ batteries, or 220 - 240 V mains supply
- Digital Bluetooth® receiver: play music up to 30 m away from your smartphone, computer, or tablet
- 12 hours of runtime with an M18™ REDLITHIUM-ION™ battery pack

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<tr>
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</thead>
<tbody>
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<td>Li-ion</td>
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</table>

### M12-18 JSSP

**M12™ JOBSITE BLUETOOTH® SPEAKER**

- Advanced technology Bluetooth® jobsite speaker
- Connect wirelessly with portable electronic devices from up to 30 m away
- 30 m range in any orientation
- Bluetooth® wireless range of up to 30 m
- Premium speaker with bass port
- Weather sealed auxiliary compartment protects MP3 players
- Premium speaker and 40 W amplifier produce rich, full sound
- Exclusive AM/FM tuner with digital processor delivers highest reception accuracy and signal clarity
- AC/DC versatility: powered by Milwaukee® M18™ batteries, or 220 - 240 V mains supply
- Digital Bluetooth® receiver: play music up to 30 m away from your smartphone, computer, or tablet
- 12 hours of runtime with an M18™ REDLITHIUM-ION™ battery pack

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<tr>
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<th>Battery Type</th>
<th>Voltage (DC) (V)</th>
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<td>Li-ion</td>
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<td>7.7</td>
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</tbody>
</table>

### M18 JSR

**M18™ JOBSITE RADIO**

- High performance audio system - AM/FM tuner with digital processor delivers highest reception accuracy and signal clarity
- DAB+ gives best sound quality and additional information like: song, artist and accurate time
- 10-station preset
- Premium speaker and 40 W amplifier produce rich, full sound
- Exclusive AM/FM tuner with digital processor delivers highest reception accuracy and signal clarity
- AC/DC versatility: powered by Milwaukee® M18™ batteries, or 220 - 240 V mains supply
- Digital Bluetooth® receiver: play music up to 30 m away from your smartphone, computer, or tablet
- 12 hours of runtime with an M18™ REDLITHIUM-ION™ battery pack
- Weather sealed auxiliary compartment protects MP3 players
- Backpack for transport and storage
- Rugged over mould, metal speaker grill
- Milwaukee® batteries sold separately

<table>
<thead>
<tr>
<th>Model</th>
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### M18 JSSP

**M18™ JOBSITE RADIO DAB+**

- Built-in charger function allows for quick, convenient charging of any M18™ battery or electronic devices via USB port
- 10-station preset
- Customizable equalizer and 10-station preset
- Premium speaker and 40 W amplifier produce rich, full sound
- Weather sealed auxiliary compartment protects M3 players
- Backpack for transport and storage
- Rugged over mould, metal speaker grill
- Milwaukee® batteries sold separately

<table>
<thead>
<tr>
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### 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
- 10-station preset
- Customizable equalizer and 10-station preset
- Premium speaker and 40 W amplifier produce rich, full sound
- Weather sealed auxiliary compartment protects M3 players
- Backpack for transport and storage
- Rugged over mould, metal speaker grill
- Milwaukee® batteries sold separately

<table>
<thead>
<tr>
<th>Model</th>
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</table>
**PRO COMPACT TAPE MEASURES**

- Improved ergonomics and comfortable size.
- Adaptable.
- Thick body for job site durability.
- Stays sharp for longer periods.
- Anti-roll design - won’t roll off surfaces.
- Easy open cap for one hand operation.
- Helmet clip – can be clipped to the construction site cap, and
- Small compact hook design.
- Markers continue to write after 72+ hours of cap off time.
- Acrylic nib ideal for rough surfaces such as OSB and concrete.
- Durable tip stays sharp longer.
- Durable coating against dirt and water.
- Valve action marker.
- QUICK-GLIDE™ 25mm blade with double sided printing on tape for easier readability.
- Original tape tear and flexibility.

**INKZALL™ MARKERS**

- stays sharp, doesn’t smear or push back under pressure.
- acrylic ink is ideal for rough surfaces such as OSB and concrete.
- marker continues to write after 72+ hours of cap off time.
- for use on concrete, wood, metal, painted OSB, plastic, concrete, black pipe, aluminum, PVC, steel & stainless steel, rubber and linen
- rich smooth ink provides a durable mark that lasts on the construction site, ideal for use on concrete, wood, metal, painted OSB, plastic, concrete, black pipe, aluminum, PVC, steel & stainless steel, rubber and linen.
- Marker continues to write after 72+ hours of cap off time.
- Quick dry time – reduced streaking markings on PVC, metal surfaces.
- Thinner body for use in restricted areas.
- Anti-Red design won’t roll off surfaces.

**PREMIUM MAGNETIC TAPE MEASURES**

- Patented finger stop, made when stands alone.
- Compact and ergonomic design.
- Improved, more compact hook for better side marking and scale stability.
- Improved belt clip: more pocket friendly.
- Head and body bevel for better grip on smooth surfaces.
- High quality hook with 2 rivets for precise measurements.
- Overmolded TPR (thermoplastic rubber) gripping area for extra comfort and durability.
- 27 mm blade with double sided printing on tape for easier scale visibility.
- 5 point reinforced frame for jobsite durability.
- Strong double magnet at start of the tape allows easy hooking onto flat surfaces and round pipe.
- Improved belt clip: more pocket friendly.
- Back rest for easy vertical measuring.
- Smaller compact hook design.
- Improved tape tear and flexibility.

**TEAPE MEASURES COMPACT LINE**

- Nylon coated blade protection against dirt, dust and water.
- Add-one housing with swivelable relaceable plastic clip.
- Durable and hard high quality heat treated steel.
- Blade will not split when dropped.
- Quick resetting blade returns compact for proper blade protection.
- 27 mm blade with double sided printing on tape for easier scale visibility.
- 5 point reinforced frame for jobsite durability.
- Strong double magnet at start of the tape allows easy hooking onto flat surfaces and round pipe.
- Improved belt clip: more pocket friendly.
- Heavy duty on measurements for better readability.
- Improved overshooting head design.
- Easy open cap for one hand operation.
- Quick dry time – reduced smearing markings on PVC, metal surfaces.
- Can be used on wet, oily, dusty, rusty, with debris surfaces.
- Marks on dark surfaces where traditional markers would not.
- 5 m metric 8 m metric 10 m metric 5 m / 16 ft metric & imperial 8 m / 26 ft metric & imperial

**INKZALL™ HIGHLIGHTERS**

- Dundie tip stays sharp longer.
- No smearing, dried in less than 10 seconds.
- Quick dry time – reduced streaking markings on PVC, metal surfaces.
- Anti-slip body design for better grip on smooth surfaces.
- Colour Yellow Liquid Paint Marker INKZALL™ Yellow Liquid Paint Marker
- INKZALL™ black liquid paint marker
- INKZALL™ yellow liquid paint marker
- Inks have a unique lanyard hole, e.g. to attach the marker to the touch screen device.
- Made in France.
- Marker continues to write after 72+ hours of cap off time.
- Acrylic nib ideal for rough surfaces such as OSB and concrete.
- Durable tip stays sharp longer.
- Durable coating against dirt and water.
- Valve action marker.
- QUICK-GLIDE™ 25mm blade with double sided printing on tape for easier readability.
- Original tape tear and flexibility.

**INKZALL™ FINE TIP MARKERS**

- Capless: 0.8 mm tip.
- Easy to hold.
- Anti-Red design: won’t roll off surfaces.
- Fine tip - Orders are only possible in master cartons (contains 36 x 48223100). Minimum order quantity is 36 pcs (= 1 master carton). Orders are possible in multiples of 36 pcs (e.g. 72, 108, 144, 180...)
**FASTBACK™ FLIP UTILITY KNIFE**
- One handed blade opening. User can flip open the blade with one hand for easy activation.
- Integrated gut hook. Allows users to make cuts without exposing the blade.
- Tool free blade change. Less down time in the field for blade changes.
- Wire stripper. Eliminates the need to look for another tool in user’s bag.
- Thin body design. Tool is easily stored in user’s pocket.
- Belt clip for easy storage.

**FASTBACK™ FLIP UTILITY KNIFE WITH BLADE STORAGE**
- One handed blade opening. User can flip open the blade with one hand for easy activation.
- Integrated gut hook. Allows users to make cuts without exposing the blade.
- Tool free blade change. Less down time in the field for blade changes.
- Wire stripper. Eliminates the need to look for another tool in user’s bag.
- Thin body design. Tool is easily stored in user’s pocket.
- Belt clip for easy storage.
- Storage for 4 extra blades.
- 45° lock for easy access of tight spaces.

**FASTBACK™ COMPACT FLIP UTILITY KNIFE**
- Press and flip one-handed opening provides fast access to the blade.
- Tool free blade change allows the user to quickly and easily insert a new blade.
- Compact, lightweight design permits easy carry in the user’s pocket.
- Belt clip for easy storage.
- Lanyard hole to secure against loss.
- Accepts standard blades.

**SNAP KNIVES**
- Metallock™ for maximum durability and longer lifetime.
- Lock with a speed thread™ that allows faster blade adjustment.
- Auto-lock slider™ for faster blade adjustment.
- Snap-off cap pocket clip™ snaps off blade segments.
- Overmolded handle offers a slip resistant grip and is an acetone resistant.
- Iron carbide blade for longer lifetime, increased sharpness and clean cut finish.
- 18 mm / 25 mm snap knives
- 9 mm snap knives

**FOLDING JABSAW**
- Tool free blade change - change blades up to 10x faster.
- Folding blade - easier and safer storage.
- Rubber overmould grip - increased comfort.
- Internal blade storage for extra blades.
- Supplied with 18 TPi, 250 mm blade.

**HACKSAW**
- Tough metal frame, supports higher tension (25,000 PSI / 250 lbs).
- Overmould handle ensures secure grip and user comfort.
- Internal blade storage for extra blades.
- Supplied with 12˝ / 300 mm blade.
- Will accept up to 12˝ blades.

**COMPACT HACKSAW**
- Tool free blade change for changing blades up to 10x faster.
- Compact design, ideal for versatile cutting in tight spaces.
- Adjustable blade length for easier flush cutting.
- Rubber overmould grip for increased comfort.
- Accepts 12˝ blades.
- Supplied with 10˝ / 254 mm blade.

**LONG NOSE PLIERS**
- Long nose pliers: specially suitable for gripping, bending and adjusting in restricted areas.
- Wire cutter: cuts wire up to 2.5 mm.
- Deburrer: deburring ribs on head for up to 20 mm pipe. No need for extra tools.
- Nail puller
-рендеринг для cutting edges. Extra hardened to 64 HRC.
- Made from Chrome Vanadium for best durability and good rust protection.
- Ergonomic and durable overmolded grips add comfort and last longer.
**DIAGONAL PLIERS**
- for all-round cutting use
- Forged construction
- High leverage design - for maximum cutting power and economy
- Delimiter – Delimiter rib on head for up to 25 mm pipe. No need for extra tools.
- 15° offset head allows flush cutting, can be used as a nail puller for metal and plastic nails and prising.
- Chrome plating for best-in-class rust protection and increased durability
- Rust protection: black oxide finish protects from rust.
- Ergonomic rounded handle design for a comfortable fit in the hand and less pressure points on the palm.
- Lever release design: traditional release lever for jobsite convenience.
- MAESTRO®: prongs have special jaw geometry for maximum grip.
- Comfort grips: more comfortable than dipped plastic. Grips will not peel.
- Ergonomic and durable overmolded grips add comfort and lasting grip.
- Iron carbide edge: longer blade life.
- Maxbite™ curved jaw for better grip on jobsite material.
- Hardened jaws: better grip force on jobsite material.
- Extra hardened to 64 HRc.
- Torque Lock™: Faster set up and easy release when clamping flat and round material. Extra force can be applied to the TORQUE LOCK™ screw for better and more secure grip. Can also be used for hanging / storage purposes.
- Rust protection: chrome plated tool increases life by reducing corrosion.
- Lever release design: traditional release lever for jobsite convenience.
- Wire cut. Makes all kinds of bending, forming, crimping tasks with ease.
- 180 mm Diagonal cutting pliers 180 mm

**CABLE CUTTER**
- Comfort grips: more comfortable than dipped plastic. Grips will not peel.
- Ergonomic design: tool durability in abusive environments.
- Rust protection: black oxide finish protects from rust.

**NIPPING PLIERS**
- Iron carbide edge: longer blade life.
- Comfort grips: more comfortable than dipped plastic. Grips will not peel.
- Ergonomic design: tool durability in abusive environments.
- Rust protection: black oxide finish protects from rust.

**ADJUSTABLE WRENCHES**
- Precision adjustment screw with accurate threads and light mechanisms. The jaws work both as c-clamps.
- Chrome plating for best-in-class rust protection and increased durability.
- Double swivel: simple handle design for reaching difficult places.
- Parallel jaws don’t slip or damage finish surfaces.
- Permanent marked inch and mm markings for accurate adjustment.
- 2 adjustable wrench (48227508) has an extra wide jaw of 40 mm.
- Lanyard hole.

**NIPPING PLIERS**
- Iron carbide edge: longer blade life.
- Comfort grips: more comfortable than dipped plastic. Grips will not peel.
- Ergonomic design: tool durability in abusive environments.
- Rust protection: black oxide finish protects from rust.

**TORQUE LOCK™ LOCKING PLIERS**
- TORQUE LOCK™: Faster set up and easy release when clamping flat and round material. Extra force can be applied to the TORQUE LOCK™ screw for better and more secure grip. Can also be used for hanging / storage purposes.
- Comfort grips: better grip force on jobsite material.
- Hardened jaws: better grip force on jobsite material.
- Extra hardened to 64 HRc.
- Torque Lock™: Faster set up and easy release when clamping flat and round material. Extra force can be applied to the TORQUE LOCK™ screw for better and more secure grip. Can also be used for hanging / storage purposes.
- Rust protection: chrome plated tool increases life by reducing corrosion.
- Lever release design: traditional release lever for jobsite convenience.
- Wire cut. Makes all kinds of bending, forming, crimping tasks with ease.
- 180 mm Diagonal cutting pliers 180 mm

**TORQUE LOCK™ SEAMER**
- TORQUE LOCK™: Faster set up and easy release when clamping flat and round material. Extra force can be applied to the TORQUE LOCK™ screw for better and more secure grip. Can also be used for hanging / storage purposes.
- Comfort grips: better grip force on jobsite material.
- Hardened jaws: better grip force on jobsite material.
- Extra hardened to 64 HRc.
- Torque Lock™: Faster set up and easy release when clamping flat and round material. Extra force can be applied to the TORQUE LOCK™ screw for better and more secure grip. Can also be used for hanging / storage purposes.
- Rust protection: chrome plated tool increases life by reducing corrosion.
- Lever release design: traditional release lever for jobsite convenience.
- Wire cut. Makes all kinds of bending, forming, crimping tasks with ease.
- 180 mm Diagonal cutting pliers 180 mm

**TORQUE LOCK™ LOCKING C CLAMPS**
- TORQUE LOCK™: Faster set up and easy release when clamping flat and round material. Extra force can be applied to the TORQUE LOCK™ screw for better and more secure grip. Can also be used for hanging / storage purposes.
- Comfort grips: better grip force on jobsite material.
- Hardened jaws: better grip force on jobsite material.
- Extra hardened to 64 HRc.
- Torque Lock™: Faster set up and easy release when clamping flat and round material. Extra force can be applied to the TORQUE LOCK™ screw for better and more secure grip. Can also be used for hanging / storage purposes.
- Rust protection: chrome plated tool increases life by reducing corrosion.
- Lever release design: traditional release lever for jobsite convenience.
- Wire cut. Makes all kinds of bending, forming, crimping tasks with ease.
- 180 mm Diagonal cutting pliers 180 mm

**TORQUE LOCK™ CHAIN WRENCH**
- TORQUE LOCK™: Faster set up and easy release when clamping flat and round material. Extra force can be applied to the TORQUE LOCK™ screw for better and more secure grip. Can also be used for hanging / storage purposes.
- Comfort grips: better grip force on jobsite material.
- Hardened jaws: better grip force on jobsite material.
- Extra hardened to 64 HRc.
- Torque Lock™: Faster set up and easy release when clamping flat and round material. Extra force can be applied to the TORQUE LOCK™ screw for better and more secure grip. Can also be used for hanging / storage purposes.
- Rust protection: chrome plated tool increases life by reducing corrosion.
- Lever release design: traditional release lever for jobsite convenience.
- Wire cut. Makes all kinds of bending, forming, crimping tasks with ease.
- 180 mm Diagonal cutting pliers 180 mm
METAL SNIPS
- Thumb and forefinger slots for increased comfort and less fatigue. Allows user to push through steel metal with ease with one click of cutting power.
- Swiss made steel blade for optimal cutting power.
- Sharp edge ensures clean cutting and allows for minimal blade wear.
- Steel blade can be sharpened on the job site.
- Chrome plated marine grade rust protected bits.
- Revolver style bit storage in handle.
- Forged steel shanks provide longer life and more durability.
- Chrome plated for maximum durability.
- Wrench ready Hex shanks deliver additional leverage.
- Colour coded ID markings allow for quick tool identification.
- Removes rusted and stripped bolts.

JOBSITE SCISSORS
- Iron-carbide cutting edge for maximum durability. Longer lasting vs. stainless steel.
- Chrome plated blades for maximum rust protection.
- All metal core with blade handle construction to protect from damage.
- Bolt lock technology protects blades from loosening to ensure precision cutting.
- Large handle loops for ease with gloves. Allows longer grip on the scissors.
- Index finger groove for more comfort. Allows for increased comfort and control.
- Laser-dipped user markings on the blade allow to measure and cut on one go.
- Removable signs to match the material cutting. Helps in utilizing the scissors effectively.
- Jobsite offset scissors with micro-serrated blades for precision cutting.
- Laser edged ruler markings on the blade allows to measure accurately.
- One hand locking mechanism.
- Made from forged alloy steel for best durability – Cr Steel.

HOLLOWCORE™ MAGNETIC NUT DRIVERS
- Hollowcore™ unlimited depth in long bolts and threaded rod applications (patent pending).
- Magnetic retention driver head for secure fitment in fastening operations.
- NEW TO WORLD universal driver head fits 4 x more fasteners – square, 12 point, 8 point, hex.
- Removable nut and stripped bolts.
- Colour coded ID markings allow for quick tool identification on jobsite.
- Durable, stay-put Hex screws deliver additional leverage.
- Chromed steel chucks provide longer life and more durability.

FREE-FLEX WORK GLOVES
- SMARTSWIPE™ Knuckle. Capacitive knuckle allows to use touch screen devices without removing gloves or using dirty objects.
- Armortex® reinforced palms and finger tips. Increased durability and cut resistance.
- Terry cloth thumb. Built in sweat/brow wipe.
- Hard moulded base allows bag to stand-up and provides ultimate comfort and jobsite performance.
- Large storage - 35 pockets in total.
- Padded, breathable straps for ultimate comfort and jobsite performance.
- Durable construction, made from 1680D ballistic nylon.

FINGERLESS GLOVES
- Designed to provide ultimate dexterity when handling small objects.
- Reinforced palm and thumb veins.
- Lightweight, breathable backing.
- Finger tips provide added grip and cut in one go.
- Built-in sweat wipe.
- Wash & store sleeve for secure fit.
- Fulfill the requirements of CE Category 2, EN 420 and EN 388 - 2016.

JOBSITE BACKPACK
- Durable construction, made from 1680D ballistic nylon.
- Hard moulded base allows bag to stand-up and provides ultimate comfort and jobsite performance.
- Vertical tool wall maximises storage space while allowing for tool storage space.
- Laptop pocket allows protected storage for laptops/tablets and personal goods.
- Magnetic clip on storage.
- Vertical tool wall maximises storage space while allowing for tool storage space.

PACKAGING
- JOBSITE BACKPACK
- Size 8 / M
- Size 9 / L
- Size 10 / XL
- Size 11 / XXL
- Jobsite backpack
- Size 8 / M
- Size 9 / L
- Size 10 / XL
- Size 11 / XXL

SMARTSWIPE™ knuckle. Capacitive knuckle allows to use touch screen devices without removing gloves or using dirty objects.

Armortex® reinforced palms and finger tips. Increased durability and cut resistance.

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