M18 HCCT109/42
M18® FORCE LOGIC™ HYDRAULIC 109 kN CABLE CRIMPER

- FORCE LOGIC™ - hydraulic cable crimper crimps connectors with 109 kN of force
- Milwaukee® designed and built brushless POWERSTATE™ motor delivers up to 4X more motor life
- Force balanced and fully featured, POWERSTATE™ motor delivers more power, more run time and longer life
- 42 mm jaw opening and 350° head rotation provides easy access in tight spaces
- PFM™ (Predictive Force Monitoring) with auto complete ensures full pressure and provides instant pressure verification with a green indicator
- Sealed electronics resist harsh environments with dirt, dust and moisture

M18 HCCT
M18® FORCE LOGIC™ HYDRAULIC CABLE CRIMPER

- FORCE LOGIC™ - hydraulic cable crimper crimps connectors in less than 3 seconds with 53 kN of force
- Milwaukee® designed and built brushless POWERSTATE™ motor delivers up to 4X more motor life
- Force balanced and fully featured, POWERSTATE™ motor delivers more power, more run time and longer life
- Lightest, most balanced tool with ergonomic grip design
- Bold alignment marks aid accuracy in crimp placement
- 42 mm jaw opening and 350° head rotation provides easy access in tight spaces
- PFM™ (Predictive Force Monitoring) with auto complete ensures full pressure and provides instant pressure verification with a green indicator
- Sealed electronics resist harsh environments with dirt, dust and moisture
CRIMPING DIES

cable lugs and connectors (DIN 46329, 46267 Part 1)

Pre rounding of triangular NF C 20-130 for copper compression cable lugs Hex copper conductors

DIN Aluminium for Copper solderless connectors Hex H clamps Oval C taps Oval

Half round indent 400/300  -  - RU13 Cu400/AL300 4932459493
300/240 RU22 Cu300/AL240 4932451789 RU13 Cu300/AL240 4932459492
185/150 RU22 Cu185/AL150 4932451787 RU13 Cu185/AL150 4932459490
150/120 RU22 Cu150/AL120 4932451786 RU13 Cu150/AL120 4932459489
120/95 RU22 Cu120/AL95 4932451785 RU13 Cu120/AL95 4932459488
95/120 DIN22 AL 95/120 4932451775 DIN13 AL 95/120 4932459510
25-50  -  - C13 Cu 25-50 4932459532
95/70 RU22 Cu95/AL70 4932451784 RU13 Cu95/AL70 4932459487
70/50 RU22 Cu70/AL50 4932451783 RU13 Cu70/AL50 4932459486
50/35 RU22 Cu50/AL35 4932451782 RU13 Cu50/AL35 4932459485
16/25 DIN22 AL 16/25 4932451771 DIN13 AL 16/25 4932459506
2x70  -  - DP13 Cu 2x70 4932459538
300 DIN22 Cu 300 4932451754 DIN13 Cu 300 4932459475
240 DIN22 Cu 240 4932451753 DIN13 Cu 240 4932459474
150 DIN22 Cu 150 4932451751 DIN13 Cu 150 4932459472
400  -  - NF13 Cu 400 4932459464
300 R22 Cu 300 4932451765 R13 Cu 300 4932459504
185 R22 Cu 185 4932451763 R13 Cu 185 4932459502
150 R22 Cu 150 4932451762 R13 Cu 150 4932459501
120 R22 Cu 120 4932451761 R13 Cu 120 4932459500
185  -  - AEH13 Cu 185 4932459523
150  -  - AEH13 Cu 150 4932459522
300 DIN22 AL 300 4932451779 DIN13 AL 300 4932459514
185 DIN22 AL 185 4932451777 DIN13 AL 185 4932459512
150 DIN22 AL 150 4932451776 DIN13 AL 150 4932459511
120  -  - HAH13 Cu 120 4932459536
95 DIN22 Cu 95 4932451749 DIN13 Cu 95 4932459470
70 DIN22 Cu 70 4932451748 DIN13 Cu 70 4932459469
25 DIN22 Cu 25 4932451745 DIN13 Cu 25 4932459466
95 NF22 Cu 95 4932451738 NF13 Cu 95 4932459458
70 NF22 Cu 70 4932451737 NF13 Cu 70 4932459457
16 NF22 Cu 16 4932451733 NF13 Cu 16 4932459453
16 R22 Cu 16 4932451755 R13 Cu 16 4932459494
95 R22 Cu 95 4932451760 R13 Cu 95 4932459499
25 R22 Cu 25 4932451756 R13 Cu 25 4932459495
16 Q22 CU 16 4932451766 Q13 CU 16 4932459477
95  -  - AEH13 Cu 95 4932459520
70  -  - AEH13 Cu 70 4932459519
50  -  - AEH13 Cu 50 4932459518
35  -  - AEH13 Cu 35 4932459517
25  -  - AEH13 Cu 25 4932459516
16  -  - AEH13 Cu 16 4932459515
70 DIN22 AL 70 4932451774 DIN13 AL 70 4932459509
50 DIN22 AL 50 4932451773 DIN13 AL 50 4932459508
35 DIN22 AL 35 4932451772 DIN13 AL 35 4932459507
95  -  - Q13 CU 95 4932459482
50 Q22 CU 50 4932451769 Q13 CU 50 4932459480
35 Q22 CU 35 4932451768 Q13 CU 35 4932459479
16 RU22 Cu/Al 16 4932451780 RU13 Cu/Al16 4932459483
70  -  - HAH13 Cu 70 4932459534
10  -  - C13 Cu 10 4932459530

Milwaukee REDLITHIUM-ION technology allows linemen to view tool usage, receive notifications for recommended maintenance, and sync information wirelessly to the cloud.

M18™ FORCE LOGIC™ HYDRAULIC REMOTED UNDERGROUND CABLE CUTTER

FORCE LOGIC™ hydraulically remoted underground cable cutter cuts cables in less than 10 seconds with 90 kN of force.

M18™ FORCE LOGIC™ HYDRAULIC Redlink technologies and operates better down to -20°C than other lithium-ion technologies.

M18 HCC75R

- FORCE LOGIC™ hydraulic underground cable cutter cuts cables in less than 9 seconds with 77.8 kN of force.
- Milwaukee® designed and built battery packs deliver more power, more run-time and longer life.
- Milwaukee® individual battery cell monitoring optimises tool run-time, up to 20% more power, up to 2x more battery life.
- In this design, delivery easiest access in trenches and a secure stand off for worker safety.
- Versatile top handle can also be used as a stand and provides balanced cut alignment.
- 34W variable speed powered by a 77.8 kN hydraulic pump delivers best in class cut speed.
- REDLITHIUM™ battery pack delivers up to 3x more run-time, up to 2x more power and up to 2x more battery life.
- REDLINK™ technology allows wirelessly connect your tool to a phone, tablet or computer.
- Milwaukee® ONE-KEY™ technology allows linemen to view tool usage, receive notifications for recommended maintenance, and sync information wirelessly to the cloud.
- REDLINK™ individual battery cell monitoring optimises tool run time and ensures long term pack durability.
- REDLINK™ technology allows for tool to tool communication, removing any physical connection to the tool and allowing Linemen to make remote cuts WIRELESSLY.
- Green LED light on wireless remote gives positive indication that the last is done cutting.
- Balanced design, handle and hang hook enable easy set-up and use.
- Closed jaw design provides easiest access in trenches.
- Milwaukee® ONE-KEY™ technology allows for information wirelessness to the cloud.

M18 HCC75

- FORCE LOGIC™ hydraulic underground cable cutter cuts cables in less than 9 seconds with 77.8 kN of force.
- Milwaukee® designed and built battery packs deliver more power, more run-time and longer life.
- Milwaukee® individual battery cell monitoring optimises tool run-time, up to 20% more power, up to 2x more battery life.
- In dark, delivery easiest access in trenches and a secure stand off for worker safety.
- Versatile top handle can also be used as a stand and provides balanced cut alignment.
- 34W variable speed powered by a 77.8 kN hydraulic pump delivers best in class cut speed.
- REDLITHIUM™ battery pack delivers up to 3x more run-time, up to 2x more power and up to 2x more battery life.
- REDLINK™ technology allows wirelessly connect your tool to a phone, tablet or computer.
- Milwaukee® ONE-KEY™ technology allows linemen to view tool usage, receive notifications for recommended maintenance, and sync information wirelessly to the cloud.
- REDLINK™ individual battery cell monitoring optimises tool run time and ensures long term pack durability.
- REDLINK™ technology allows for tool to tool communication, removing any physical connection to the tool and allowing Linemen to make remote cuts WIRELESSLY.
- Green LED light on wireless remote gives positive indication that the last is done cutting.
- Balanced design, handle and hang hook enable easy set-up and use.
- Closed jaw design provides easiest access in trenches.
- Milwaukee® ONE-KEY™ technology allows for information wirelessness to the cloud.
<table>
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<th>Article Number</th>
<th>Description</th>
<th>Diameter (mm)</th>
<th>M18 HCC45-0C ACSR-SET</th>
<th>M18 HCC45-522C ACSR-SET</th>
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<td>ACSR-blade</td>
<td>32 mm (1 1/4”)</td>
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**M18 HCC45**

**M18** FORCE LOGIC™ HYDRAULIC CABLE CUTTER

- FORCE LOGIC™ hydraulic cable cutter cuts ACSR/ACSS cables in less than 2 seconds with 90 kN of force.
- Milwaukee® designed and built brushless POWERSTATE™ motor provides more power, more run time and longer life.
- Best balanced tool and easiest control due to hand guard.
- Optional blade geometry and patent pending jaw design delivers installation-ready cuts.
- Compact in-line and slim jaw design with 350° rotatable head ensures precise, even cuts over a variety of materials.
- Sealed electronics resist harsh environment with dirt, dust and moisture.
- Integrated finger guard that’s compatible with hand line for increased job safety.
- On board fuel gauge and LED light
- REDLIINK™ individual battery cell monitoring optimises tool run time and ensures long term pack durability.
- REDLIINK™ on board fuel gauge and LED light
- Sealed electronics resist harsh environment with dirt, dust and moisture.
- Integrated finger guard that’s compatible with hand line for increased job safety.
- On board fuel gauge and LED light
- REDLIINK™ individual battery cell monitoring optimises tool run time and ensures long term pack durability.
- Flexible battery system: works with all Milwaukee® M18™ batteries.

**M18 HCC-0**

**M18** FORCE LOGIC™ HYDRAULIC CABLE CUTTER

- FORCE LOGIC™ hydraulic cable cutter cuts cables in less than 2 seconds with 53 kN of force.
- Milwaukee® designed and built brushless POWERSTATE™ motor provides more power, more run time and longer life.
- Best balanced tool and easiest control due to hand guard.
- Optional blade geometry and patent pending jaw design delivers installation-ready cuts.
- Compact in-line and slim jaw design with 350° rotatable head ensures precise, even cuts over a variety of materials.
- Sealed electronics resist harsh environment with dirt, dust and moisture.
- Integrated finger guard that’s compatible with hand line for increased job safety.
- On board fuel gauge and LED light
- REDLIINK™ individual battery cell monitoring optimises tool run time and ensures long term pack durability.
- REDLIINK™ on board fuel gauge and LED light
- Sealed electronics resist harsh environment with dirt, dust and moisture.
- Integrated finger guard that’s compatible with hand line for increased job safety.
- On board fuel gauge and LED light
- REDLIINK™ individual battery cell monitoring optimises tool run time and ensures long term pack durability.
- Flexible battery system: works with all Milwaukee® M18™ batteries.

**M18 HCP-201C**

**M18** FORCE LOGIC™ HYDRAULIC KNOCKOUT PUNCH

- FORCE LOGIC™ hydraulic knockout punch is the most compact and lightweight tool on the market with 60 kN of force.
- The easiest way to punch - for fast, accurate, round, and burr free holes.
- 19 mm (3/4”) draw stud, 2.5 mm stainless steel carrying the weight of the tool.
- Compact in-line and slim jaw design with 350° rotatable head ensures precise, even cuts over a variety of materials.
- Sealed electronics resist harsh environment with dirt, dust and moisture.
- Integrated finger guard that’s compatible with hand line for increased job safety.
- On board fuel gauge and LED light
- REDLIINK™ individual battery cell monitoring optimises tool run time and ensures long term pack durability.
- REDLIINK™ on board fuel gauge and LED light
- Sealed electronics resist harsh environment with dirt, dust and moisture.
- Integrated finger guard that’s compatible with hand line for increased job safety.
- On board fuel gauge and LED light
- REDLIINK™ individual battery cell monitoring optimises tool run time and ensures long term pack durability.
- Flexible battery system: works with all Milwaukee® M18™ batteries.

**M18 HKP-201CA**

**M18** FORCE LOGIC™ HYDRAULIC KNOCKOUT PUNCH

- FORCE LOGIC™ hydraulic knockout punch is the most compact and lightweight tool on the market with 60 kN of force.
- The easiest way to punch - for fast, accurate, round, and burr free holes.
- 19 mm (3/4”) draw stud, 2.5 mm stainless steel carrying the weight of the tool.
- Compact in-line and slim jaw design with 350° rotatable head ensures precise, even cuts over a variety of materials.
- Sealed electronics resist harsh environment with dirt, dust and moisture.
- Integrated finger guard that’s compatible with hand line for increased job safety.
- On board fuel gauge and LED light
- REDLIINK™ individual battery cell monitoring optimises tool run time and ensures long term pack durability.
- REDLIINK™ on board fuel gauge and LED light
- Sealed electronics resist harsh environment with dirt, dust and moisture.
- Integrated finger guard that’s compatible with hand line for increased job safety.
- On board fuel gauge and LED light
- REDLIINK™ individual battery cell monitoring optimises tool run time and ensures long term pack durability.
- Flexible battery system: works with all Milwaukee® M18™ batteries.

**M18 HCC ACSR-SET**

**M18** FORCE LOGIC™ HYDRAULIC CABLE CUTTER

- FORCE LOGIC™ hydraulic cable cutter cuts cables in less than 2 seconds with 90 kN of force.
- Milwaukee® designed and built brushless POWERSTATE™ motor provides more power, more run time and longer life.
- Best balanced tool and easiest control due to hand guard.
- Optional blade geometry and patent pending jaw design delivers installation-ready cuts.
- Compact in-line and slim jaw design with 350° rotatable head ensures precise, even cuts over a variety of materials.
- Sealed electronics resist harsh environment with dirt, dust and moisture.
- Integrated finger guard that’s compatible with hand line for increased job safety.
- On board fuel gauge and LED light
- REDLIINK™ individual battery cell monitoring optimises tool run time and ensures long term pack durability.
- REDLIINK™ on board fuel gauge and LED light
- Sealed electronics resist harsh environment with dirt, dust and moisture.
- Integrated finger guard that’s compatible with hand line for increased job safety.
- On board fuel gauge and LED light
- REDLIINK™ individual battery cell monitoring optimises tool run time and ensures long term pack durability.
- Flexible battery system: works with all Milwaukee® M18™ batteries.

**M18 HCC45-0C**

**M18** FORCE LOGIC™ HYDRAULIC CABLE CUTTER

- FORCE LOGIC™ hydraulic cable cutter cuts cables in less than 2 seconds with 90 kN of force.
- Milwaukee® designed and built brushless POWERSTATE™ motor provides more power, more run time and longer life.
- Best balanced tool and easiest control due to hand guard.
- Optional blade geometry and patent pending jaw design delivers installation-ready cuts.
- Compact in-line and slim jaw design with 350° rotatable head ensures precise, even cuts over a variety of materials.
- Sealed electronics resist harsh environment with dirt, dust and moisture.
- Integrated finger guard that’s compatible with hand line for increased job safety.
- On board fuel gauge and LED light
- REDLIINK™ individual battery cell monitoring optimises tool run time and ensures long term pack durability.
- REDLIINK™ on board fuel gauge and LED light
- Sealed electronics resist harsh environment with dirt, dust and moisture.
- Integrated finger guard that’s compatible with hand line for increased job safety.
- On board fuel gauge and LED light
- REDLIINK™ individual battery cell monitoring optimises tool run time and ensures long term pack durability.
- Flexible battery system: works with all Milwaukee® M18™ batteries.
### M12 BDDX M12™ SUB COMPACT DRILL DRIVER WITH REMOVABLE CHUCK

- Milwaukee® high performance sub compact 6-in-1 drill driver measures 130 mm in length making it ideal for working with limited overhead space.
- REDLINK™ intelligence system delivers the most advanced digital overload protection for tool and battery and automatically enhances the tool performance under load.
- REDLINK™ battery pack delivers up to 2.5x 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.

### M12 FDD M18 FUEL™ DRILL DRIVER

- More power - delivers up to 2000 rpm
- More speed - delivers up to 6000 rpm
- New REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and automatically enhances the tool performance under load.
- REDLINK™ 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.
- 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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**Specifications**

<table>
<thead>
<tr>
<th>Feature</th>
<th>M12 FDD-202C</th>
<th>M12 FDD-502X</th>
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</thead>
<tbody>
<tr>
<td>Weight with battery pack</td>
<td>2.5 kg</td>
<td>5.0 kg</td>
</tr>
<tr>
<td>Max. drilling steel (mm)</td>
<td>13</td>
<td>13</td>
</tr>
<tr>
<td>Max. drilling wood (mm)</td>
<td>45</td>
<td>65</td>
</tr>
<tr>
<td>Chuck capacity (mm)</td>
<td>13</td>
<td>13</td>
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<tr>
<td>No load speed gear 1 (rpm)</td>
<td>0 - 450</td>
<td>0 - 450</td>
</tr>
<tr>
<td>No load speed gear 2 (rpm)</td>
<td>0 - 2000</td>
<td>0 - 2000</td>
</tr>
</tbody>
</table>

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**Applications**

- Drill wood up to 45 mm
- Drill masonry up to 13 mm
- Drill steel up to 10 mm
- Screw 10 mm screws in wood
- Screw 10 mm screws in steel

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**Supplied in HD Box**

- Charger supplied
- 6.0 Ah REDLITHIUM-ION™ battery pack
- 2.0 Ah REDLITHIUM-ION™ battery pack
- 23-piece bit set
- Angle drill attachment
- Belt clip
- 5/32˝ hex drive bit

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**Article Number**

- M12 FDD-202C: 4933451149
- M12 FDD-502X: 4933441215

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**More Info**

- [Milwaukee Tool EU](www.milwaukee-tool.eu)
- [Milwaukee Tool](https://www.milwaukee-tool.com)

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**Product Information**

- [Download Product Catalog](https://www.milwaukee-tool.com/downloads)
- [Watch Product Video](https://www.milwaukee-tool.com/videos)
- [Find a Location](https://www.milwaukee-tool.com/locations)
- [Contact Milwaukee Tool](https://www.milwaukee-tool.com/contact)
**REDLITHIUM-ION** Individual battery cell monitoring optimises tool run time and has a fuel gauge that displays remaining charge.

**DRIVER** Optimised performance: 1500 rpm at 20 Nm

**M12™ SUB COMPACT DRIVER**
- Compact drill measuring only 185 mm in length, making it easy to work in tight spaces.
- Built in LED light illuminates the work surface.
- Accepts higher feed pressure and torque equalling less fatigue and maximum comfort.
- Impact resistant ABS case with added rubber corner protection.
- PARABOLIC WEB CROSS SECTION: Large web thickness. Strength and maximum flexibility.
- FLUTE GEOMETRY - THUNDERWEB FLUTE FORM EJECTS HOT CHIPS.
- Parabolic web cross section: Large web thickness. Strength and maximum flexibility.
- Thunderweb design is characterised by a conical shaped web.
- Chip clearance resulting in the requirement of less force during chip ejection. Dissipates heat better increasing life time.
- Step drills are ideal for drilling into the following materials: - Copper, brass and aluminium. - Stainless steel. - Plastics. - Ceramics. - Ferrous & non-ferrous sheets metals, profiles and pipes.

**C18 RAD**
- M18™ COMPACT RIGHT ANGLE DRILL

**M12 CD**
- Milwaukee® designed and built brushless POWERSTATE™ motor for up to 15% longer run time, up to 2x more power and up to 30% lighter than comparable cordless drills.
- REDLITHIUM™ intelligence system delivers the most advanced control for the tool and battery and seamlessly references the tool performance under load.
- REDLITHIUM™ battery pack delivers up to 21% more power, up to 20% more run time and more tool life than other lithium-ion packs.

**M12 BD**
- Milwaukee® high performance sub compact screwdriver measures 175 mm in length making it ideal for working within confined spaces.
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability.
- Fuel gauge displays remaining charge.
- Built in LED light illuminates the work surface.

**CUTTING EDGE TECHNOLOGY FOR MAXIMUM PRODUCTIVITY.**
- **Step drill** - A variable 4-6 teeth per inch tooth design with a positive 10° tooth angle provides the following benefits: - Faster and more aggressive cut. - Improved heat dissipation during cutting ensures that the tool stays cooler for longer. - Chips cut at an angle provides efficient chip clearance preventing snagging and tool break-up. - Special shaped teeth angle helps to eliminate kickback in thin materials. - Teeth are alternate radius to minimize bending and snapping on the tool. - Precision two stage pressure. This is achieved by the combination of aggressive tooth geometry and good chip clearance, preventing clogging and heat build up. - Special tooth tip design provides increased overload protection.

**HOLE DOZER™ HOLESAW SETS**
- Step drills are ideal for drilling into the following materials: - Various non ferrous materials, tiles, porcelain and granite. - Copper, brass and aluminium - Stainless steel - Plastics - Ceramics. - Ferrous & non-ferrous sheets metals, profiles and pipes.

**METAL DRILL BITS THUNDERWEB - DIN 338 Cassettes**
- Thunderweb design is characterised by a conical shaped web which gets thicker towards the back of the drill bit. Standard drills have a constant thickness throughout the length of the flute. Thunderweb is thicker than that of a standard drill bit.
- Precision made, 100% hardened heavy-duty steel, with a 13° or 14° helix angle.
- Fir tree geometry - Thunderweb flute form0 ejects hot chips rapidly. Dissipates heat better increasing life time.
- On trend design - Perfect drilling, drill a perfect hole on the first try.
- Reduced friction reduces friction and extends drill bit life. The improved Thunderweb flute form has a helix angle providing additional heat and torque equalising benefits.
- Available in three diameter sizes.

**M4 D**
- Compact 244 mm sawdrill.
- Deep cut for maximum electronic clutch with 9% tolerance.
- **M4™ DRILL DRIVER**

**M8™ COMPACT DRILL DRIVER**
- No load speed gear 1 (rpm) 0 - 400
- No load speed gear 2 (rpm) 0 - 600
- Battery pack capacity (Ah) 5.0
- Charger supplied
- No. of batteries supplied 2
- Max. drilling wood (mm) 22
- Max. drilling steel (mm) 10
- Max. torque (Nm) 5
- Weight with battery pack (kg) 1.9
- Tool reception 1/4˝
- 17 pc bits set.
- Arbor - for drill bits (m) 4 - 12 mm / 1/8 - 3/8 "
- Interchangeable tool bits (m) 2 - 10 mm / 3/32 - 3/8 "
- 1/8 ˝ Hex allen key.

**M12™ FUEL™ COMPACT 2-SPEED DRIVER**
- No load speed gear 1 (rpm) 0 - 450
- No load speed gear 2 (rpm) 0 - 1700
- Battery pack capacity (Ah) 1.8 / 2.0
- Charger supplied
- No. of batteries supplied 2
- Max. drilling wood (mm) 22
- Max. drilling steel (mm) 10
- Max. torque (Nm) 20
- Weight with battery pack (kg) 0.5 / 1.8
- Tool reception 1/4˝
- 17 pc bits set.
- Arbor - for drill bits (m) 4 - 12 mm / 1/8 - 3/8 
- Interchangeable tool bits (m) 2 - 10 mm / 3/32 - 3/8 "
- 1/8 ˝ Hex allen key.

**M18™ COMPACT RIGHT ANGLE DRILL**
- No load speed gear 1 (rpm) 0 - 200
- No load speed gear 2 (rpm) 0 - 600
- Battery pack capacity (Ah) 1.8 / 2.0 / 3.0
- Charger supplied
- No. of batteries supplied 2 / 2 / 2
- Max. drilling wood (mm) 22
- Max. drilling steel (mm) 10
- Max. torque (Nm) 20 / 40 / 60
- Weight with battery pack (kg) 1.8 / 2.0 / 2.5
- Tool reception 1/4˝
- 17 pc bits set.
- Arbor - for drill bits (m) 4 - 12 mm / 1/8 - 3/8 
- Interchangeable tool bits (m) 2 - 10 mm / 3/32 - 3/8 "
- 1/8 ˝ Hex allen key.
M12 CH
M12 FUEL™ COMPACT SDS-PLUS HAMMER
°F Industry's first brushless compact 12V rotary hammer with 1" mode (SDS-PLUS) and 1.1 J (EPTA) blow energy
°F 100% tool run time, up to 15% more power, up to 2x more run time
°F 40 min charge time, up to 40% faster charge
°F 90% longer motor life and up to 2x more battery life
°F 2-mode operation: choose rotary hammer or rotation only for maximum versatility

M12 H
M12™ SUB COMPACT SDS HAMMER DRILL
°F Ergonomically designed, compact and light weight allows for work in tight spaces and reduces fatigue during all day use
°F 6.7 m/s² vibration value at 6.5°C
°F Lock-on switch reduces the need to hold trigger
°F 3-neck collar provides flexibility for user preference
°F 2-mode operation: choose hammer or rotation only for maximum versatility

M12 DE
M12™ UNIVERSAL HAMMER VAC
°F Fits all Milwaukee® M12™ 50 mm vacuum hose diameter
°F 60% more capacity solids (l)
°F 5x longer motor life and up to 2x more battery life
°F 2.0 Ah battery pack delivers up to 2x more run time

M12 HV
M12™ SUB COMPACT STICK VAC
°F Excellent suction power for wood, metal and common debris
°F Clear viewing window gives the user the ability to see debris
°F Cylinder switch lockguard ensures consistent tool run time

Specifications:

- Article Number: 4933440510 4933440500
- Supplied in Kitbox Kitbox
- Weight with battery pack (kg): 1.2
- Max. drill bit diameter (mm): 4 - 16
- Battery pack capacity (Ah): 2.0
- Charger supplied
- No. of batteries supplied: 0 1
- Max. drilling depth (mm): 120
- Hose diameter (mm): 22.5
- Max. vacuum (mbar): 31.1
- No. of batteries supplied: 0 2 2
- Battery pack capacity (Ah): 4.0
- Charger supplied
- Blow energy (EPTA)(J): 1.1
- Max. drilling wood (mm): 13
- Capacity solids (l): 0.6
- Air volume (l/min): 934
- Vibration drilling (m/s²): 4.4
- No. of batteries supplied: 0
- Weight with battery pack (kg): 1.7
- Tool reception SDS-Plus
- Airflow speed (m³/h): 56
- Max. drilling steel (mm): 10
- Battery pack capacity (Ah): 2.0
- Max. drilling concrete (mm): 13
- No. of batteries supplied: 2
- Vibration drilling (m/s²): 1.9
- Drill energy (EPTA)(J): 1.1
- Weight with battery pack (kg): 2.0
- Max. drilling wood (mm): 10
- Air volume (l/min): 2.0
- Vibration drilling (m/s²): 1.8
- Charger supplied
- Tool reception SDS-Plus
- Drill energy (EPTA)(J): 0.9
- Max. drilling steel (mm): 8
- Air volume (l/min): 40 min
- Vibration drilling (m/s²): 1.6
- Tool reception SDS-Plus
- Drill energy (EPTA)(J): 2.0
- Max. drilling concrete (mm): 13
- Air volume (l/min): 80 min
- Vibration drilling (m/s²): 1.7
- Tool reception SDS-Plus
- Drill energy (EPTA)(J): 4.0
- Max. drilling concrete (mm): 13
- Air volume (l/min): 90 min
- Vibration drilling (m/s²): 1.9
- Tool reception SDS-Plus
- Drill energy (EPTA)(J): 6.0
- Max. drilling concrete (mm): 13
- Air volume (l/min): 90 min
- Vibration drilling (m/s²): 1.9
- Tool reception SDS-Plus

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**M18 CHX**

**M18 FUEL™ SDS-PLUS HAMMER**

- Milwaukee designed and built brushless POWERSTATE™ motor
- M12™ REDLITHIUM™ battery pack delivers up to 2.2x more run time, up to 27% more power, up to 40% more hook life and operates better down to -20°C than other lithium-ion technologies
- HEPA filter: widely regarded as the ultimate filter that traps all 0.3 microns
- Stackable tool box design: for added portability and easier storage
- Compatible with M18 CHX
- 20 mm SDS-PLUS 2-MODE DUST EXTRACTOR
- Designed to collect dust effectively with automatic operation from the tools on/off trigger switch
- HEPA filter: widely regarded as the ultimate filter that traps all 0.3 microns
- Large dust collection box
- Secure canister lock guards against unwanted spillage
- Clear viewing window gives the user the ability to see debris
- HEPA rated 99.7% high efficiency wet/dry filter: for fine dust collection
- Powerful 18V motor with a maximum air flow of 1246 l/min / 80 m³/min
- HEPA filter: widely regarded as the ultimate filter that traps all 0.3 microns
- Large dust collection box
- Hose diameter: 31.5 / 41.7 mm
- Filter type: Dry
- Capacity solids: 2.5 l
- Max. vacuum: 84.8 mbar
- Battery pack capacity: 4.0 Ah
- charger supplied

**M18 CV**

**M18™ COMPACT HAMMER VAC**

- Excellent suction power for wood, metal and common debris
- HEPA filter: widely regarded as the ultimate filter that traps all 0.3 microns
- Large dust collection box
- Low vibration value of 10.3 m/s²
- Max. vacuum: 84.8 mbar
- Filter type: Dry
- Capacity solids: 2.5 l
- Battery pack capacity: 4.0 Ah
- charger supplied

**M18 VC**

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

- Powerful 18V motor with a maximum air flow of 1246 l/min / 80 m³/min
- HEPA filter: widely regarded as the ultimate filter that traps all 0.3 microns
- Large dust collection box
- Hose diameter: 31.5 / 41.7 mm
- Filter type: Wet/Dry
- Capacity liquids: 7.5 l
- Max. vacuum: 80 mbar
- Battery pack capacity: 4.0 Ah
- charger supplied

**M18 FUEL**

**M18 FUEL™ SDS-PLUS HAMMER**

- Milwaukee designed and built brushless POWERSTATE™ motor
- M12™ REDLITHIUM™ battery pack delivers up to 2.2x more run time, up to 27% more power, up to 40% more hook life and operates better down to -20°C than other lithium-ion technologies
- HEPA filter: widely regarded as the ultimate filter that traps all 0.3 microns
- Stackable tool box design: for added portability and easier storage
- Compatible with M18 CHX

**M18 FUEL® SDS-PLUS HAMMER**

- Milwaukee designed and built brushless POWERSTATE™ motor
- M12™ REDLITHIUM™ battery pack delivers up to 2.2x more run time, up to 27% more power, up to 40% more hook life and operates better down to -20°C than other lithium-ion technologies
- HEPA filter: widely regarded as the ultimate filter that traps all 0.3 microns
- Stackable tool box design: for added portability and easier storage
- Compatible with M18 CHX

**M18 CV-0**

- M18™ COMPACT HAMMER VAC
- Weight (kg): 1.9
- Full load speed (soft hammer) (rpm): 0 - 2700
- Full load hammer action (bpm): 0 - 4400
- Power input (W): 620
- Max. drilling concrete (mm): 16
- Max. drilling wood (mm): 30
- Blow energy (EPTA)(J): 1.2
- Filter type: Dry
- Capacity solids: 2.5 l
- Battery pack capacity: 4.0 Ah
- charger supplied
**PFH 24**

**24 MM SDS-PLUS 2-MODE FIXING HAMMER**

- Variable speed - precise drilling start and perfect adjustment to the application
- Over sized heavy weight striker delivers 3.4 joules of impact energy
- 800 watt motor combined with optimised drilling speed results in unsurpassed drilling performance
- Soft start for precise start of drilling/chiseling
- Soft start due to ergonomic soft grip on main and side handle
- Soft hammer mode for drilling in sensitive materials
- Fast tool changing from the FIXTEC system with keyless chuck
- Heavy Duty magnesium gear casing for optimum seating of the high torque motor and gears and a 4.1 joule single blow energy thanks to integrated metal block technology
- Brush rotation ring (for same power in forward & reverse action)
- Variable speed - precise drilling start and perfect adjustment to the application
- 800 watt motor combined with optimised drilling speed results in unsurpassed drilling performance
- Soft start for precise start of drilling/chiseling
- Soft start due to ergonomic soft grip on main and side handle
- Soft hammer mode for drilling in sensitive materials
- Fast tool changing from the FIXTEC system with keyless chuck
- Heavy Duty magnesium gear casing for optimum seating of the high torque motor and gears and a 4.1 joule single blow energy thanks to integrated metal block technology
- Brush rotation ring (for same power in forward & reverse action)
- Article Number 4933428240 4933428250
- Weight (kg) 2.4 2.6
- FIXTEC No Yes
- Vibration chiseling (m/s² ) 10.2 10.2
- Vibration drilling (m/s² ) 13.5 13.5
- Max. drilling wood (mm) 30 30
- Max. drilling steel (mm) 13 13
- Full load speed (rpm) 0 - 1250 0 - 1250
- Full load hammer action (bpm) 0 - 4800 0 - 4800
- Blow energy (EPTA)(J) 2.8 2.8
- Power input (W) 800 800

**PFH 26**

**26 MM SDS-PLUS 2-MODE FIXING HAMMER**

- Most compact, slim line hammer available in its class
- Unrestricted performance with 2.6 J blow energy and 4400 rpm
- Change speed and vibration at digging no more than 75% of the cities
- Significantly better durability thanks to integrated metal block technology
- Innovative and patented internal weight reduction technology
-贺曼福巧快（for same power in forward & reverse action)
- Over sized heavy weight striker delivers 3.4 joules of impact energy
- 800 watt motor combined with optimised drilling speed results in unsurpassed drilling performance
- Soft start for precise start of drilling/chiseling
- Soft start due to ergonomic soft grip on main and side handle
- Soft hammer mode for drilling in sensitive materials
- Fast tool changing from the FIXTEC system with keyless chuck
- Heavy Duty magnesium gear casing for optimum seating of the high torque motor and gears and a 4.1 joule single blow energy thanks to integrated metal block technology
- Brush rotation ring (for same power in forward & reverse action)
- Article Number 4933446790 4933446800
- Weight (kg) 3.4 3.6
- FIXTEC No Yes
- Vibration chiseling (m/s² ) 6.8 6.8
- Vibration drilling (m/s² ) 13.5 13.5
- Max. drilling wood (mm) 30 30
- Max. drilling concrete (mm) 28 28
- Full load speed (rpm) 0 - 1000 0 - 1000
- Full load hammer action (bpm) 0 - 4000 0 - 4000
- Blow energy (EPTA)(J) 3.4 3.4
- Power input (W) 820 820

**PFH 28**

**28 MM SDS-PLUS 3-MODE HAMMER**

- Most compact, slim line hammer available in its class
- 800 watt motor combined with optimised drilling speed results in unsurpassed drilling performance
- 800 watt motor combined with 24 pieces of G2P-rated blow energy and 4400 rpm
- Change speed and vibration at digging no more than 75% of the cities
- Significantly better durability thanks to integrated metal block technology
- Innovative and patented internal weight reduction technology
- Safety clutch protects machine and user if drill bit jams
- Reverse function
- Article Number 4933396396 4933396392
- Weight (kg) 3.2 3.4
- FIXTEC No Yes
- Vibration chiseling (m/s² ) 14 14
- Vibration drilling (m/s² ) 22 22
- Max. drilling wood (mm) 30 30
- Full load speed (rpm) 0 - 850 0 - 850
- Full load hammer action (bpm) 0 - 3800 0 - 3800
- Blow energy (EPTA)(J) 3.4 3.4
- Power input (W) 900 900

**PFH 30**

**30 MM SDS-PLUS 3-MODE HAMMER**

- Most compact, slim line hammer available in its class
- 800 watt motor combined with optimised drilling speed results in unsurpassed drilling performance
- Soft start for precise start of drilling/chiseling
- Soft start due to ergonomic soft grip on main and side handle
- Soft hammer mode for drilling in sensitive materials
- Fast tool changing from the FIXTEC system with keyless chuck
- Heavy Duty magnesium gear casing for optimum seating of the high torque motor and gears and a 4.1 joule single blow energy thanks to integrated metal block technology
- Brush rotation ring (for same power in forward & reverse action)
- Article Number 4933428624 4933428625
- Weight (kg) 2.8 2.8
- FIXTEC No Yes
- Vibration chiseling (m/s² ) 8.5 8.5
- Vibration drilling (m/s² ) 13.5 13.5
- Tool reception SDS-Plus
- Max. drilling wood (mm) 30
- Full load speed (rpm) 0 - 1250 0 - 1250
- Full load hammer action (bpm) 0 - 4800 0 - 4800
- Blow energy (EPTA)(J) 2.8 2.8
- Power input (W) 725 725

**PLH 28**

**32 MM SDS-PLUS 3-MODE HAMMER**

- Most compact, slim line hammer available in its class
- 800 watt motor combined with optimised drilling speed results in unsurpassed drilling performance
- 800 watt motor combined with 24 pieces of G2P-rated blow energy and 4400 rpm
- Change speed and vibration at digging no more than 75% of the cities
- Significantly better durability thanks to integrated metal block technology
- Innovative and patented internal weight reduction technology
- Safety clutch protects machine and user if drill bit jams
- Reverse function
- Article Number 4933396420
- Weight (kg) 3.8
- FIXTEC Yes
- Vibration chiseling (m/s² ) 14
- Vibration drilling (m/s² ) 22
- Tool reception SDS-Plus
- Max. drilling wood (mm) 30
- Full load speed (rpm) 0 - 850
- Full load hammer action (bpm) 0 - 3800
- Blow energy (EPTA)(J) 3.4
- Power input (W) 900

**PLH 32**

**32 MM SDS-PLUS 3-MODE L-SHAPED HAMMER**

- Most compact, slim line hammer available in its class
- 800 watt motor combined with optimised drilling speed results in unsurpassed drilling performance
- 800 watt motor combined with 24 pieces of G2P-rated blow energy and 4400 rpm
- Change speed and vibration at digging no more than 75% of the cities
- Significantly better durability thanks to integrated metal block technology
- Innovative and patented internal weight reduction technology
- Safety clutch protects machine and user if drill bit jams
- Reverse function
- Article Number 4933446900
- Weight (kg) 3.8
- FIXTEC Yes
- Vibration chiseling (m/s² ) 14
- Vibration drilling (m/s² ) 22
- Tool reception SDS-Plus
- Max. drilling wood (mm) 30
- Full load speed (rpm) 0 - 850
- Full load hammer action (bpm) 0 - 3800
- Blow energy (EPTA)(J) 3.4
- Power input (W) 900
**SDS-PLUS M2 DRILL BITS - 2 CUT / CASSETTES**

- **Breaker Points.** 3 offset aggressive power breakers. These produce a “Breaking Point” effect and create micro cracks in the material being drilled. This increases the rate of penetration. Helps create a break in the material being drilled. This increases the rate of penetration and produces a “Breaking Point” effect.
- **Centering tip ensures immediate spot drilling with pin point accuracy.** The centering tip ensures immediate spot drilling with pin point accuracy. This allows for precise and accurate drilling.
- **Guaranteed eccentricity and high dimensional accuracy drilled holes, according to PGM Conformity.** This ensures high dimensional accuracy and consistency in the drilled holes.
- **20% more holes per battery charge vs competition.** This drill bit can produce up to 20% more holes per battery charge compared to competitors.
- **Ergonomic electronic design.** The ergonomic design allows for easier handling and reduces fatigue during use.

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**SDS-PLUS MX4 - 4 CUT / SETS**

- **Symmetrical 4 cutter geometry (4x90°).** Perfect round holes for optimal anchor fitting.
- **4 flute geometry.** The high volume 4 flute geometry ensures the drill bit removes debris effectively.
- **Active drill bit head cooling for a longer life.** The active drill bit head cooling system extends the life of the drill bit.
- **Max hammers.** Identifiable from its tapered shoulder geometry.

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**SDS-PLUS DUSTLESS DRILL BITS**

- **Faster and more efficient drill bit due to effective dust removal.** Efficient dust extraction improves the speed and efficiency of drilling.
- **Drill bit set (7 pcs).** The set includes 7 different drill bits for various applications.
- **Drill bit and chisel set (5 pcs).** The set includes 5 different drill bits and chisels for heavy-duty applications.

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**PCHDE - UNIVERSAL CHISELLING DUST EXTRACTION SYSTEM**

- **Universal dust extraction solution fitting to all borders of SDS-Plus hammer.** Collects 90% of chiselled dust.
- **Can only be used with DE type chisels listed below.** The PCHDE system is designed for use with specific chisels.
- **Fits to Milwaukee® vacs with easy and secure click system.** The PCHDE system is easy to attach and secure to Milwaukee® vacuums.

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**SDS-PLUS CHISELS**

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**SDS-PLUS FOR MILWAUKEE TOOLS**

- **WWW.MILWAUKEETOOL.EU**
- **#MILWAUKEETOOL**
- **WWW.MILWAUKEETOOL.EU**
M18 FUEL™ 5 KG SDS-MAX DRILLING AND BREAKING HAMMER

- The world’s first 18V 5 kg SDS-Max hammer for maximum durability and productivity, with-modal performance to an AC tool, delivers 7.5 J and 5.9 kg.
- Robust magnesium gear housing for tough environments.
- Additional handle can be fixed in 3 different positions.
- 120 mm handheld construction which enhances usage time per day.
- Variable-speed control allows precise start of chiselling.
- Battery pack delivers 9.0 Ah and operates better down to -20°C than other battery packs.
- Unique envelope enhances the tool’s performance under load.
- M18 FUEL™ battery pack delivers up to 5x more run time, up to 35% more power, up to 2x more capacity.
- Provides more efficient engagement of materials, exact seat fitting of gear components and better cooling.
- Provides maximum power yet due to better heat dissipation, guarantees maximum possible durability.
- Constant electronic for keeping the speed uniform even under load.
- Battery pack delivers 9.0 Ah and operates better down to -20°C than other battery packs.
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**IMPACT DRIVERS & WRENCHES**

**M12 CID**

M12 FUEL™ COMPACT 1/4˝ HEX IMPACT DRIVER

- Milwaukee designed and built brushless POWERSTATE™ motor for up to 3x longer motor life and up to 2x more power than FID—gives you more run time, greater power and you can do more work between charges.
- TRUE BLUE™ REDLITHIUM-ION battery pack delivers up to 2x more run time, up to 20% more power, up to 3x more battery life and operates better down to -20°C than other lithium-ion technologies.
- Reduced battery cell monitoring optimises tool run time and ensures long term pack durability.

**M12 BID**

M12™ SUB COMPACT IMPACT DRIVER

- Milwaukee® high performance sub compact impact driver measures 185 mm in length making it ideal for working within confined spaces.
- New REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and operates better down to -20°C than other lithium-ion technologies.
- Unique hex drive for quick and easy bit change.
- Optimised handle for better control and improved grip.
- Milwaukee® designed and built brushless POWERSTATE™ motor for up to 3x longer motor life and up to 20% more power than FID—gives you more run time, greater power and you can do more work between charges.
- True Blue™ REDLITHIUM-ION battery pack delivers up to 2x more run time, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies.

**M18 ONEID**

ONE-KEY® FUEL™ 1/4˝ HEX IMPACT DRIVER

- M18 FID but with ONE-KEY™ technology—Connect via Bluetooth® with the Milwaukee® ONE-KEY™ app to tune the tool to your needs.
- Configurable for any application choosing optimum tool settings for materials and applications.
- Provides safe profiles for unattended control.
- Select from a range of application profiles or quickly create your own for perfect results on every trigger pull.
- Save up to four custom settings in the tool memory for fast access.
- Specific tool profiles include a range of self tapping screw modes.
- ONE-KEY™ app also provides inventory function for total management of your complete tool/equipment fleet.

**M18 FID**

M18 FUEL™ 1/4˝ HEX IMPACT DRIVER

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**Shockwave 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 for all the Shockwave Duty™ parts.
- Shock Zone indicates where the tip meeting is less tip breakage. The combination of the Shock Zone design and special heat treatment absorbs impacts and allows the bit to flex with varying the action.
- Compression forged tip provides the best fit with screw head, reducing cam out and stripping, resulting in outstanding performance.
- Custom engineered steel - Milwaukee’s custom metal formulas make the Shockwave drive sets resilient to shock from impacting.
- Minimum order quantity = 5 pcs. Orders > 6 pcs must be ordered in multiples of 6 (i.e. 6, 12, 18).

**Shockwave Impact Duty™ Drive Guide Cassettes**

- Slender pocket design. Drive Guide bit holder with extendable sleeve to hold long guide bits securely. Up to 110 mm total length.
- Strong metal construction to absorb impact action.
- Wire keep made up to 5 m cm.

**Description** | **Pack quantity** | **Article Number**
--- | --- | ---
3 pc Small Drive Guide Cassettes | 24 | 4923330907
3 pc Large Drive Guide Cassettes | 24 | 4923330908

**Shockwave™ Impact Holesaws**

- 89% smooth, high free holes.
- Duty™ accessory line can be used in high performance applications. Duty™ accessory line can be used in high performance applications.
- HYDRAULIC IMPACT DRIVER
- Compact 1/4” Hex impact drivers up to 180 Nm
- M18 FUEL™ SURGE™ 1/4” Hex HYDRAULIC IMPACT DRIVER
- KRUCKLE™
- M18 FQID
- M18 BLID
- M18 SURGE™ 1/4” Hex HYDRAULIC IMPACT DRIVER
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- M18 SURGE™ 1/4” Hex HYDRAULIC IMPACT DRIVE
## Milwaukee 18V Fuel Compact 1/4” Impact Wrench with Friction Ring

- Milwaukee designed and built brushless POWERSTATE™ motor for up to 2x more torque (Nm) and up to 45% more torque mode 2 delivers maximum performance for the toughest applications.
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load.
- Mode 1 delivers maximum performance for the toughest applications.
- Mode 2 delivers maximum performance for the toughest applications.
- REDLITHIUM+™ battery pack delivers up to 2x more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies.

### Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Max. Torque (Nm)</th>
<th>No. of Batteries Supplied</th>
<th>Weight with Battery Pack (kg)</th>
<th>Charge Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>M12 FUEL™ CIW14-0</td>
<td>13/56</td>
<td>0</td>
<td>1.0</td>
<td>40 min</td>
</tr>
<tr>
<td>M12 FUEL™ CIW14-202C</td>
<td>13/56</td>
<td>2</td>
<td>1.0</td>
<td>40 min</td>
</tr>
<tr>
<td>M12 FUEL™ CIW14-402C</td>
<td>13/56</td>
<td>2</td>
<td>1.0</td>
<td>40 min</td>
</tr>
</tbody>
</table>

## Milwaukee 12V Fuel Compact 1/4” Impact Wrench

- Milwaukee designed and built brushless POWERSTATE™ motor delivers up to 160 Nm of torque and up to 25% faster application speeds.
- REDLITHIUM+™ battery pack delivers up to 2x more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies.
- Tool reception 1/4˝ Hex drive with friction ring for use with universal sockets.
- Dual mode operation shifts between two different speed and torque settings to maximise application versatility.
- On-board fuel gauge and LED light - added user convenience.
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability.

### Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Max. Torque (Nm)</th>
<th>No. of Batteries Supplied</th>
<th>Weight with Battery Pack (kg)</th>
<th>Charge Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>M12 FUEL™ CIW12-0</td>
<td>65</td>
<td>0</td>
<td>1.0</td>
<td>40 min</td>
</tr>
<tr>
<td>M12 FUEL™ CIW12-202C</td>
<td>65</td>
<td>2</td>
<td>1.0</td>
<td>40 min</td>
</tr>
</tbody>
</table>

## Milwaukee 12V Fuel Compact 1/4” Impact Wrench with Pin Detent

- Milwaukee designed and built brushless POWERSTATE™ motor delivers up to 160 Nm of torque and up to 25% faster application speeds.
- REDLITHIUM+™ battery pack delivers up to 2x more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies.
- Tool reception 1/2˝ Hex drive with click lock for single hand loading of bit.
- Dual mode operation shifts between two different speed and torque settings to maximise application versatility.
- On-board fuel gauge and LED light - added user convenience.
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability.

### Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Max. Torque (Nm)</th>
<th>No. of Batteries Supplied</th>
<th>Weight with Battery Pack (kg)</th>
<th>Charge Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>M12 FUEL™ CIW12-0</td>
<td>65</td>
<td>0</td>
<td>1.0</td>
<td>40 min</td>
</tr>
<tr>
<td>M12 FUEL™ CIW12-202C</td>
<td>65</td>
<td>2</td>
<td>1.0</td>
<td>40 min</td>
</tr>
</tbody>
</table>
**M12 BIW38 M12™ SUB COMPACT 1/4˝ IMPACT WRENCH**

- Milwaukee high-performance sub compact impact wench measures 162 mm in length making it ideal for working within confined spaces.
- REDLITHIUM™ extended protection electronics in tool and battery pack deliver maximum performance under load.
- Heavy duty full metal gears and gears for superior durability and maximum torque.
- 1/4˝ square drive for use with universal sockets.
- Proprietary steel and heat treat process for maximum strength and durability.
- Fully brushless motor delivers maximum performance for the toughest applications.

<table>
<thead>
<tr>
<th>Model</th>
<th>Tool reception</th>
<th>Max. torque (Nm)</th>
<th>No. of batteries supplied</th>
<th>Battery pack capacity (Ah)</th>
<th>Weight with battery (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>M12 BIW38-3</td>
<td>1/4˝ F. To 7/16˝ F.</td>
<td>135</td>
<td>0</td>
<td>1.8</td>
<td>1.8</td>
</tr>
<tr>
<td>M12 BIW38-20CI</td>
<td>1/4˝ F. To 7/16˝ F.</td>
<td>135</td>
<td>2</td>
<td>3.0</td>
<td>2.0</td>
</tr>
</tbody>
</table>

**M18 ONEW12 M18™ 1/2˝ IMPACT WRENCH WITH FRICTION RING**

- M18 FUEL™ sub with ONE-KEY™ technology.
- Connect via Bluetooth® with the Milwaukee® ONE-KEY™ app. Complete tool compensation via ONE-KEY™ app to fine the tool for your needs.
- Program/save profiles for unmatched control.
- Select from a range of application profiles or quickly create your own for perfect results on every trigger pull.
- Configure to any application choosing optimum tool settings for repeatable precision.
- Programs/saves profiles for unmatched control.
- REDLITHIUM™ extended protection electronics in tool and battery pack deliver maximum performance under load.
- Heavy duty full metal gears and gears for superior durability and maximum torque.
- 1/2˝ square drive for use with universal sockets.
- Proprietary steel and heat treat process for maximum strength and durability.
- Fully brushless motor delivers maximum performance for the toughest applications.

<table>
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<tr>
<th>Model</th>
<th>Model Number</th>
<th>No. of batteries supplied</th>
<th>Battery pack capacity (Ah)</th>
<th>Weight with battery pack (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>M18 ONEW12-0X</td>
<td>0</td>
<td>0</td>
<td>1.8</td>
<td>1.0</td>
</tr>
<tr>
<td>M18 ONEW12-502X</td>
<td>2</td>
<td>2</td>
<td>3.0</td>
<td>2.0</td>
</tr>
</tbody>
</table>

**M18 FIWF12 M18 FUEL™ 1/2˝ IMPACT WRENCH WITH PIN DETENT**

- Milwaukee designed and built brushless POWERSTATE™ motor for longer runtime life and up to 35% more power.
- REDLITHIUM™ extended protection electronics in tool and battery pack deliver maximum performance under load.
- Heavy duty full metal gears and gears for superior durability and maximum torque.
- 1/2˝ square drive for use with universal sockets.
- Proprietary steel and heat treat process for maximum strength and durability.
- Fully brushless motor delivers maximum performance for the toughest applications.

<table>
<thead>
<tr>
<th>Model</th>
<th>Tool reception</th>
<th>Max. torque (Nm)</th>
<th>No. of batteries supplied</th>
<th>Battery pack capacity (Ah)</th>
<th>Weight with battery pack (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>M18 FIWF12-0X</td>
<td>1/2˝</td>
<td>40/120/300/120</td>
<td>0</td>
<td>1.8</td>
<td>1.0</td>
</tr>
<tr>
<td>M18 FIWF12-502X</td>
<td>2</td>
<td>2</td>
<td>3.0</td>
<td>2.0</td>
<td></td>
</tr>
</tbody>
</table>

**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 smart mode delivers maximum performance under load.
- REDLITHIUM™ extended protection electronics in tool and battery pack deliver maximum performance under load.
- Heavy duty full metal gears and gears for superior durability and maximum torque.
- 1/2˝ square drive for use with universal sockets.
- Proprietary steel and heat treat process for maximum strength and durability.
- Fully brushless motor delivers maximum performance for the toughest applications.

<table>
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<tr>
<th>Model</th>
<th>Tool reception</th>
<th>Max. torque (Nm)</th>
<th>No. of batteries supplied</th>
<th>Battery pack capacity (Ah)</th>
<th>Weight with battery pack (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>M18 BIW12-0</td>
<td>1/2˝</td>
<td>135</td>
<td>0</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>M18 BIW12-40C</td>
<td>2</td>
<td>2</td>
<td>3</td>
<td>2</td>
<td></td>
</tr>
</tbody>
</table>

**M18 BIW38 M18™ 1/2˝ IMPACT WRENCH**

- Milwaukee high-performance sub compact impact wench measures 162 mm in length making it ideal for working within confined spaces.
- REDLITHIUM™ extended protection electronics in tool and battery pack deliver maximum performance under load.
- Heavy duty full metal gears and gears for superior durability and maximum torque.
- 1/2˝ square drive for use with universal sockets.
- Proprietary steel and heat treat process for maximum strength and durability.
- Fully brushless motor delivers maximum performance for the toughest applications.

<table>
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<tr>
<th>Model</th>
<th>Tool reception</th>
<th>Max. torque (Nm)</th>
<th>No. of batteries supplied</th>
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<tbody>
<tr>
<td>M18 BIW38-3</td>
<td>1/2˝ F. To 7/16˝ F.</td>
<td>135</td>
<td>0</td>
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<td>1.8</td>
</tr>
<tr>
<td>M18 BIW38-20CI</td>
<td>1/2˝ F. To 7/16˝ F.</td>
<td>135</td>
<td>2</td>
<td>3.0</td>
<td>2.0</td>
</tr>
</tbody>
</table>

**SOCKET AND BIT ADAPTORS**

- Proprietary steel and heat treat process for maximum strength and durability.
- Heavy duty construction for lasting capabilities in all impacts.
**MAGNETIC BIT HOLDER**

- Custom engineered steel and heat treatment for maximum strength and durability.
- Solid construction enhances durability in impact applications.
- Strong magnetic tip for secure grip.

**1/4˝ SOCKETS**

- Impact duty (Chrome-Molybdenum) steel is high quality alloy steel which provides ultimate strength and durability.
- Best fitting thanks to 6 gripping points.
- Accurate centering allows maximum torque transfer across the flats of the socket rather than producing stress on the points or corners.
- Thin wall construction provides access to tight spaces.
- Deep wall construction provides clearance for protruding bolts.
- Laser etched size markings for easy identification and won’t wear off.

**MAGNETIC NUT DRIVERS**

- Custom engineered steel and heat treatment for maximum strength and durability.
- Strong magnetic tip for secure grip.
- Suitable for high torque and impact applications.
**M18 CAG125XPDB**

- Milwaukee®-designed and built brushless POWERSMART™ motor with the power to grind and up to 150 more tool life than other leading brands
- Powerful, 1000 W motor delivers strong performance in all applications
- Brake time < 2 sec
- Full metal gear case delivers heavy-duty durability
- Line lock out function
- Soft start
- Non-lockable safety switch
- Perfect ergonomic design - same system as used in high performance corded grinders
- Slimmest handle design available on market
- REDLITHIUM-ION battery pack delivers up to 2.5x more run time, up to 20% more power, up to 2x more battery life - better run time, up to 20% more power, up to 2x more battery life
- INTELLIGENT™ battery management system delivers the most advanced digital overload protection for tool and battery
- REDLITHIUM® battery pack delivers up to 2.5x 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
- RAPIDSTOP® for market disc brake in less than 2 seconds
- Best user protection
- Full metal gear case delivers heavy-duty durability
- Best tool-life
- Slimmest handle design available on market

**M18 FUEL**

- Milwaukee®-designed and built brushless POWERSMART™ motor with the power to grind and up to 150 more tool life than other leading brands
- Rapid slide switch - easy actuating switch, even when wearing gloves
- 4 m rubber cable

---

**HD18 AG-125**

- Milwaukee®’s high-performance 6-pole motor delivers maximum power without added weight or size resulting in the power to grind and cut like a 18 V corded grinder
- REDLITHIUM™ Premium protection electronics in tool and battery give you more run time, more power and more cycle life - REDLITHIUM™ Premium protection electronics in tool and battery give you more run time, more power and more cycle life
- Full metal gear case delivers heavy-duty durability
- Line lock out function
- Soft start
- Non-lockable safety switch
- Perfect ergonomic design - same system as used in high performance corded grinders
- Slimmest handle design available on market

**THIN METAL CUTTING DISCS**

- Applications: Great performance in cutting mild steel with iron and steel rebar
- Features: Advanced digital overload protection in combination with high performance.

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**AG 10**

- Powerful, 1000 W motor for strong performance in all applications
- Extreme compact design with an overall short length of 276 mm
- Rampet handle switch - easy actuating switch, even when wearing gloves
- 4 m rubber cable
AG 10 EK
1000 W ANGLE GRINDER

- Powerful, 1000 W motor for strong performance in all applications
- Ramped slide switch for easy start up, even when wearing gloves
- 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
- Ramp-off switch for easy start up, even when wearing gloves
- 4 m cable

AG 9
850 W ANGLE GRINDER

- Powerful, 850 W “PROTECTOR-MOTOR” with epoxy resin coated field and Heavy Duty winding protection for increased life time
- Light weight, slim and compact: a versatile all-purpose angle grinder
- Soft start for smooth start up
- Line lock out function Yes Yes
- Burst resistant and tool-free quick release safety guard for fast adjustment
- Ramp-off switch for easy start up, even when wearing gloves
- 4 m cable

AG 800 E
800 W ANGLE GRINDER

- Powerful 800 W motor for various applications with only 2.0 kg of weight for comfortable use during longer working periods
- Very compact and thin body grip design with only 149 mm for easy maneuvering of use
- Automatic cut-off carbon brushes
- Electronic trigger for variable speed
- Variable adjustable cutting depth and variable cutting width
- Overload protection
- Soft grip
- Wood handle and barrel grip jigsaw design

AG 800 EK
800 W ANGLE GRINDER

- Powerful 800 W motor for various applications with only 2.0 kg of weight for comfortable use during longer working periods
- Very compact and thin body grip design with only 149 mm for easy maneuvering of use
- Automatic cut-off carbon brushes
- Electronic trigger for variable speed
- Variable adjustable cutting depth and variable cutting width
- Overload protection
- Soft grip
- Wood handle and barrel grip jigsaw design

WCE 30
1500 W 255 MM (30 MM DOC) WALL CHASER

- Powerful 1500 W motor
- Overload protection
- Variable adjustable cutting depth and variable cutting width
- Overload protection
- Soft grip
- Variable adjustable cutting depth and variable cutting width
- Overload protection
- Soft grip

WCS 45
1900 W 150 MM (45 MM DOC) WALL CHASER

- Powerful 1900 W motor
- Overload protection
- Adjustable cutting depth and adjustable cutting width
- Overload protection
- Soft grip
- Overload protection

SPEEDCROSS
AUDD

- AUDD is most suitable for hard materials to soft / abrasive materials, its best performance is achieved when used in standard hardness concrete and general building materials.

M12 JS
M12™ SUB COMPACT JIGSAW

- New grip design combines the best features from both top handle and barrel grip jigsaw design
- 1x M12 REDLINK™ pressure protection to ensure maximum durability in the tool and battery pack deliver best in class system durability
- Variable speed - electronic trigger provides user flexibility and control
- Smooth cut - minimum vibration during cutting provides ultra smooth performance
- Precision roller guide increases user control and reduces blade deviation
- Line of sight - the compact tool design improves cut line deviation
- Visibility - a true handle - grip ensures quick and easy level adjustment up to 45°
- QUIK-LOK™ T-Stark blade clamp
- INDIVIDUAL battery cell monitoring optimizes tool run time and ensures long with pack durability
HACKZALL™ Milwaukee

M12™ COMPACT ONE-HANDED Hacksaw

- Milwaukee high performance compact one-handed use hacksaw, measuring only 375 mm in length, making it ideal for cutting in tight spaces.
- Redlink™ overload protection and constant speed electronics ensures long term pack durability.
- ReDLink™ battery pack delivers up to 2 x more use per charge.
- Cordless compact one-handed use hacksaw, measuring only 375 mm in length, makes it ideal for cutting in tight spaces.

M18™ COMPACT ONE-HANDED Hacksaw

- Milwaukee high performance compact one-handed use hacksaw, measuring only 375 mm in length, makes it ideal for cutting in tight spaces.
- Redlink™ overload protection and constant speed electronics ensures long term pack durability.
- ReDLink™ battery pack delivers up to 2 x more use per charge.
- Cordless compact one-handed use hacksaw, measuring only 375 mm in length, makes it ideal for cutting in tight spaces.

M18™ COMPACT MULTI-TOOL

- Versatile cordless solution for cutting and removal applications. Milwaukee M18™ Overload Protection electronics in tool and battery pack deliver tool and professional grade performance.
- Milwaukee M18™ Top Handle Jigsaw
- Milwaukee M18™ Compact One-Handed Hacksaw
- Milwaukee M18™ Sub Compact MTCuto-All Tool

M12™ FUEL™ COMPACT HACKZALL™

- Milwaukee® designed and built brushless POWERSTATE™ motor for up to 4x longer motor life and up to 70% faster cutting than corded options.
- REDLITHIUM-ION™ battery pack delivers up to 2x more use per charge.
- Milwaukee® Top Handle Jigsaw
- Milwaukee® HACKZALL™ Blade Change
- Milwaukee® M18™ Hackzall™

Traditionally Blades

- Blade reference 4592761622 is especially suited to cutting very thin sheet material because of its low 0.7 mm tooth pitch.
- For those professionals dealing with stainless and various non-ferrous metals, it is ideal for use with a suitable cutting lubricant.

M12 CHZ M12 FUEL™ COMPACT HACKZALL™

- Milwaukee® high performance compact one handed use hack saw, measuring only 300 mm in length, makes it ideal for cutting in tight spaces.
- ReDLink™ overload protection and constant speed electronics ensures long term pack durability.
- ReDLink™ battery pack delivers up to 2 x more use per charge.
- Cordless compact one-handed use hacksaw measuring only 250 mm in length, makes it ideal for cutting in tight spaces.

C12 HZ M12™ SUB COMPACT HACKZALL™

- Milwaukee® high performance compact one-handed use hack saw, measuring only 300 mm in length, makes it ideal for cutting in tight spaces.
- ReDLink™ overload protection and constant speed electronics ensures long term pack durability.
- ReDLink™ battery pack delivers up to 2 x more use per charge.
- Cordless compact one-handed use hacksaw measuring only 250 mm in length, makes it ideal for cutting in tight spaces.

C12 MT M12™ SUB COMPACT MULTI-TOOL

- Versatile cordless solution for cutting and removal applications.
- ReDLink™ overload protection electronics in tool and battery pack deliver tool and professional grade performance.
- Milwaukee M12™ Top Handle Jigsaw
- Milwaukee M12™ Compact One-Handed Hacksaw
- Milwaukee M12™ Sub Compact MTCuto-All Tool

C18 HZ M18™ TOP HANDLE JIGSAW

- Milwaukee® high performance compact one-handed use hacksaw, measuring only 280 mm in length, makes it ideal for cutting in tight spaces.
- Redlink™ overload protection and constant speed electronics ensures long term pack durability.
- Redlink™ battery pack delivers up to 2 x more use per charge.
- Cordless compact one-handed use hacksaw measuring only 280 mm in length, makes it ideal for cutting in tight spaces.

C18 MT M18™ COMPACT MULTI-TOOL

- Milwaukee® high performance compact one-handed use hacksaw, measuring only 280 mm in length, makes it ideal for cutting in tight spaces.
- Redlink™ overload protection and constant speed electronics ensures long term pack durability.
- ReDLink™ battery pack delivers up to 2 x more use per charge.
- Cordless compact one-handed use hacksaw measuring only 280 mm in length, makes it ideal for cutting in tight spaces.

C12 HZ M12™ TOP HANDLE JIGSAW

- Milwaukee® high performance compact one-handed use hack saw, measuring only 300 mm in length, makes it ideal for cutting in tight spaces.
- ReDLink™ overload protection and constant speed electronics ensures long term pack durability.
- ReDLink™ battery pack delivers up to 2 x more use per charge.
- Cordless compact one-handed use hacksaw measuring only 250 mm in length, makes it ideal for cutting in tight spaces.

C18 MT M18™ COMPACT MULTI-TOOL

- Milwaukee® high performance compact one-handed use hacksaw, measuring only 280 mm in length, makes it ideal for cutting in tight spaces.
- Redlink™ overload protection and constant speed electronics ensures long term pack durability.
- ReDLink™ battery pack delivers up to 2 x more use per charge.
- Cordless compact one-handed use hacksaw measuring only 280 mm in length, makes it ideal for cutting in tight spaces.

C12 HZ M12™ COMPACT ONE-HANDED Hacksaw

- Milwaukee high performance compact one-handed use hacksaw, measuring only 375 mm in length, making it ideal for cutting in tight spaces.
- ReDLink™ overload protection and constant speed electronics ensures long term pack durability.
- ReDLink™ battery pack delivers up to 2 x more use per charge.
- Cordless compact one-handed use hacksaw, measuring only 375 mm in length, makes it ideal for cutting in tight spaces.

C12 MT M12™ COMPACT MULTI-TOOL

- Milwaukee® high performance compact one-handed use hacksaw, measuring only 375 mm in length, making it ideal for cutting in tight spaces.
- ReDLink™ overload protection and constant speed electronics ensures long term pack durability.
- ReDLink™ battery pack delivers up to 2 x more use per charge.
- Cordless compact one-handed use hacksaw, measuring only 375 mm in length, makes it ideal for cutting in tight spaces.

C18 HZ M18™ COMPACT ONE-HANDED Hacksaw

- Milwaukee high performance compact one-handed use hacksaw, measuring only 375 mm in length, making it ideal for cutting in tight spaces.
- Redlink™ overload protection and constant speed electronics ensures long term pack durability.
- Redlink™ battery pack delivers up to 2 x more use per charge.
- Cordless compact one-handed use hacksaw, measuring only 375 mm in length, makes it ideal for cutting in tight spaces.

C18 MT M18™ COMPACT MULTI-TOOL

- Milwaukee® high performance compact one-handed use hacksaw, measuring only 375 mm in length, making it ideal for cutting in tight spaces.
- Redlink™ overload protection and constant speed electronics ensures long term pack durability.
- ReDLink™ battery pack delivers up to 2 x more use per charge.
- Cordless compact one-handed use hacksaw, measuring only 375 mm in length, makes it ideal for cutting in tight spaces.
MILWAUKEE SAW BLADES FOR METAL

1. Engineered tooth geometry for optimum performance.
2. Top grade carbide and cemented tooth tips for superior lifetime.
3. Fully hardened and precision ground blade body for accuracy and consistency.
4. Laser cut metal filler expansion slots for noise and vibration dampening.
5. Carbide tipped leaf designed for maximum cutting depth from 6 to 8 mm.
6. Fully hardened and precision ground blade body for accuracy and consistency.

CUTTER

1. Cost cutter. Less expensive per cut than abrasive discs.
2. Cuts fast. Quicker than all other conventional cutting methods.
4. Cuts cool. The cut material can be handled immediately after cutting.
5. Cuts dry. Designed for use on all types of materials, including wood, metal, and plastic.

FOR METAL

1. Milwaukee® designed and built brushless POWERSTATE™ motor for fast cutting. 2.5 times faster than other brands.
2. REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 2.5x more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technology.
3. REDLINK PLUS™ intelligence system delivers the most advanced tool interlock protection for tool and battery performance, and ensures long term pack durability.
4. On board fuel gauge and LED light - added user convenience and illumination in low light working conditions.
5. Smart Cut technology - reduces sparks for increased jobsite safety.

CIRCULAR SAW BLADES

1. 3/4" EMT
grommet. Cuts cold cuts - reduces sparks for increased jobsite safety.
2. 3/4" EMT
grommet. Cuts cold cuts - reduces sparks for increased jobsite safety.
3. 3/4" EMT
grommet. Cuts cold cuts - reduces sparks for increased jobsite safety.
4. 3/4" EMT
grommet. Cuts cold cuts - reduces sparks for increased jobsite safety.
5. 3/4" EMT
grommet. Cuts cold cuts - reduces sparks for increased jobsite safety.

MULTITOOL

MULTITOOL ACCESSORIES

- Universal blade reception makes Milwaukee® blades compatible with the most popular oscillating tools.

### Description ### Teeth per inch | Width (mm) | Length (mm) | Article Number
--- | --- | --- | ---
a | 18 mm plunge cut blade. Plunge / recess / flush cutting in wood and PVC. 14 | 19 | 42 | 48902000
b | 32 mm plunge cut blade. Plunge / recess. Flush cutting in wood and PVC 16 | 32 | 42 | 48902120
c | 15 mm fast cut Japanese tooth blade. For fast flush cut and slotting in plaster, drywall and wood. 14 | 32 | 42 | 48902060
d | 64 mm Bi-Metal wide blade. For cuts in sheet metal, nail embedded wood, plastic and fibreglass. 18 | 80 | 30 | 48900100
e | 32 mm flush cut segmented blade. For accurate and flush cuts in wood and plastic. 18 | 32 | 42 | 48902240
f | 64 mm TCT flush segmented blades. Foraccurate and flush cuts in wood, plastic and fibreglass. 18 | 64 | 42 | 48900055
g | Great for removing damaged grommet. Can be used for cutting grommet in channel. Carbide grit 64 | 48902015
h | Flush cut carbide grit blade for cutting grommet in plastic, aluminum and steel. Carbide grit 30 | 30 | 30 | 48900110
i | Sanding pad 93 | 93 | 93 | 48902000
j | Sanding paper A & G. 6 pcs pack. 93 | 93 | 93 | 48902015

### M12 SUB COMPACT CABLE CUTTER

- Professional capacity: 0.5 mm - powertips cut effortlessly through large cable.
- Milwaukee® hardened protection electronics in tool and battery protects tool and battery for longer lifetime and more work per battery charge.
- Extended run time - delivers up to 80 cuts of 4 x 35 mm² cob. Ø 5x 35 mm².
- Compact front-end - goes straight to the cable in panels or electrical cabinets without long handles looping or ratcheting.
- Superior cut quality - Milwaukee® designed blade geometry delivers a flat, round and consistent flush cut.
- Speeds for every blade - provides the ability to cut, recess and flush cut.
- Includes EDC kit - mounting options test one time and assures long term pack durability.
- On board LED light with 0.25° - added user convenience and illumination in low light working conditions.

### M18 FMCS

- Milwaukee® designed and built brushless POWERSTATE™ motor for fast cutting. 2.5 times faster than other brands.
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 2.5x more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technology.
- REDLINK PLUS™ intelligence system delivers the most advanced tool interlock protection for tool and battery performance, and ensures long term pack durability.
- On board fuel gauge and LED light - added user convenience and illumination in low light working conditions.
- Ensures long term pack durability.
- Cool cuts - reduces sparks for increased jobsite safety.

### M12 FUEL™ METAL SAW

- Milwaukee® designed and built brushless POWERSTATE™ motor for fast cutting. 2.5 times faster than other brands.
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 2.5x more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technology.
- REDLINK PLUS™ intelligence system delivers the most advanced tool interlock protection for tool and battery performance, and ensures long term pack durability.
- On board fuel gauge and LED light - added user convenience and illumination in low light working conditions.
- Ensures long term pack durability.
- Cool cuts - reduces sparks for increased jobsite safety.

### CUTTER

- Universal blade reception makes Milwaukee® blades compatible with the most popular oscillating tools.

### SOLDERING IRON

- Milwaukee® designed and built brushless POWERSTATE™ motor for fast cutting. 2.5 times faster than other brands.
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 2.5x more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technology.
- REDLINK PLUS™ intelligence system delivers the most advanced tool interlock protection for tool and battery performance, and ensures long term pack durability.
- On board fuel gauge and LED light - added user convenience and illumination in low light working conditions.
- Ensures long term pack durability.
- Cool cuts - reduces sparks for increased jobsite safety.

### SANDER

- Milwaukee® designed and built brushless POWERSTATE™ motor for fast cutting. 2.5 times faster than other brands.
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 2x more battery life and operates better down to -20°C than other lithium-ion technology.
- REDLINK PLUS™ intelligence system delivers the most advanced tool interlock protection for tool and battery performance, and ensures long term pack durability.
- On board fuel gauge and LED light - added user convenience and illumination in low light working conditions.
- Ensures long term pack durability.
- Cool cuts - reduces sparks for increased jobsite safety.
SAW BANDSAW

- Compact light weight design for cutting with one hand overhead in working situations and in tight spaces
- Dual-Bevel Cutting - 0° to 45° with tool and battery pack deliver better in-depth cutting capacity, power, and durability
- Clean cut - Balanced handle design combined with 8 large ball bearing blades supports provide best in class cut quality
- Individual battery cut monitoring optimizes tool run time and assures long term pack durability
- REDLINK PLUS™ battery pack delivers up to 2x more run time, up to 2x more power, up to 2x more battery life and operation better down to -20°C than other lithium-ion technologies
- REDLITHIUM-ION™ individual battery cell monitoring optimizes tool run time and assures long term pack durability
- Bi-Metal blades with matrix II high speed steel teeth with 8% cobalt outlast conventional blades up to 3 times, requiring fewer blade changes
- Extremely hard and archival tooth point in electron beam welding with high hardness for faster cutting, and longer blade life.
- High speed cutting of stainless, angle iron, brass, bronze, copper, galvanized pipe, mild steel.
- Tougher blades including stainless, chrome, tungsten steel plus other problem materials at slow speed.

M12 BS
M12™ SUB COMPACT BANDSAW

- 4.8 kg compact light weight design for cutting overhead and in tight places
- REDLINE™ overload protection electronics in tool and battery pack delivers up to 2x more run time, up to 2x more power, up to 2x more battery life and operation better down to -20°C than other lithium-ion technologies
- REDLINK PLUS™ intelligence system delivers the most advanced dynamic load and blade lock-up protection and uniquely enhances the tool performance under load
- No. of batteries supplied 0 2
- Easy brush change due to external brush doors
- Spindle lock for fast and easy disc change
- Quick release mitre clamp for fast work piece change
- Quick release vice adjustment for fast angle adjustment from -45° to +45°
- Lock pin function keeps the saw closed position during transport
- Blade ejection button
- Blade selection system - quickly change the blade by moving the material guide up for up position and depressing the lock pin function
- Bi-metal blade ejection system - quickly change the blade by moving the material guide up for up position and depressing the lock pin function
- Tool-free blade locking mechanism for quick and easy saw blade changes
- Solid metal rafter hook for quick and easy jobsite storage

M18 CBS125
M18 FUEL™ DEEP CUT BANDSAW

- Milwaukee® designed and built brushless FWARE110X™ motor provides corded cutting performance with up to 10x more power at 125mm saw depth, and up to 2x more run time compared to other cordless solutions
- REDLINK PLUS™ overload protection electronics in tool and battery pack delivers up to 2x more run time, up to 2x more power, up to 2x more battery life and operation better down to -20°C than other lithium-ion technologies
- Largest cutting capacity up to 125 x 125 mm material diameter
- 85 mm cut capacity – cuts most common materials
- On board fuel gauge and LED illumination for best cut visibility
- Blade ejection system – quickly change the blade by moving the material guide up for up position and depressing the lock pin function
- Bearing blade supports provide best in class cut quality
- Advanced digital overload and blade lock-up protection and unique enhanced the tool performance under load
- Tool-free blade locking mechanism for quick and easy saw blade changes

HD18 BS
M18™ HEAVY DUTY METAL BANDSAW

- Powerful 1500 watt motor provides maximum performance and durability
- Largest cutting capacity up to 105 x 125 mm material diameter
- 85 mm cut capacity – cuts most common materials
- Constant power technology maximizes cut speed in the toughest applications
- Gear protecting clutch extends gear and motor life by absorbing high impact forces caused by blade lock-ups
- Slim full metal motor housing design and LED work surface illumination for best cut visibility
- Tool-free blade locking mechanism for quick and easy saw blade changes
- Tool-free adjustable shoe

BS 125
DEEP CUT BANDSAW

- Powerful 1100 watt motor provides maximum performance and durability
- Largest cutting capacity up to 105 x 125 mm material diameter
- 85 mm cut capacity – cuts most common materials
- Gear protecting clutch extends gear and motor life by absorbing high impact forces caused by blade lock-ups
- Slim full metal motor housing design and LED work surface illumination for best cut visibility
- Tool-free blade locking mechanism for quick and easy saw blade changes
- Tool-free adjustable shoe
2205-40
FORK METER FOR ELECTRICIANS

- TRMS always guarantees accurate readings
- High contrast display provides cleaner readings
- CAT III 600 V for increased safety
- Pocket clip for easy storage
- On/Off button
- Blinking red light indicates voltage
- Green light indicates tool is on
- Tip for checking outlets
- Supplied with electrical test lead set and 2 x AA batteries

2212-20
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
- CAT III 600 V for increased safety
- Built-in LED work light – lights the work area
- Side mounted dial for one handed use
- Rugged over-moulding increases durability and user grip
- CAT III 600 V for increased safety
- TRMS always guarantees accurate readings
- High contrast, easy to read display provides clearer readings

2216-40
LIGHT COMMERCIAL MULTIMETER

- TRMS always guarantees accurate readings
- CAT III 600 V for increased safety
- Pocket clip for easy storage
- On/Off button
- Rugged over-moulding increases durability and user grip
- CAT III 600 V for increased safety
- TRMS always guarantees accurate readings
- High contrast, easy to read display provides clearer readings
- Lo-Z – always guaranteed accurate readings
- CAT III 600 V for increased safety

2235-40
LIGHT COMMERCIAL CLAMP METER

- TRMS always guarantees accurate readings
- CAT III 600 V for increased safety
- Built-in non-contact voltage detector
- Built-in LED work light – lights the work area
- Side mounted dial for one handed use
- Rugged over-moulding increases durability and user grip
- CAT III 600 V for increased safety
- TRMS always guarantees accurate readings
- High contrast, easy to read display provides clearer readings

2237-40
CLAMP METER FOR ELECTRICIANS

- TRMS always guarantees accurate readings
- High contrast, easy to read display provides cleaner readings
- Built-in non-contact voltage detector
- Built-in LED work light – lights the work area
- Side mounted dial for one handed use
- Rugged over-moulding increases durability and user grip
- CAT III 600 V for increased safety
- TRMS always guarantees accurate readings
- High contrast, easy to read display provides clearer readings

2200-40
VOLTAGE DETECTOR

- Wide 50 - 1000 AC voltage range
- CAT III 600 V for highest safety rating
- Built-in LED work light – lights the work area
- Side mounted dial for easy storage
- Built-in non-contact voltage indicator
- Blinking red light indicates voltage
- OL/LEAD indicator
- Pocket clip for easy storage
### M18 HSAL
#### M18™ HIGH PERFORMANCE LED STAND LIGHT CHARGER

- **TRUEVIEW™** high definition lighting: Twelve high performance LEDs provide 2655 Lumen on high light output which is brighter than 250 Watt halogen light.
- Adjustable heads with highly durable polycarbonate lens can be rotated 180° vertically and pivoted 240° horizontally.
- Integrated M18™ charger: Dual power source, powered by either M18™ REDLITHIUM-ION™ battery packs or use of 2.5 m hardwired cord.
- Protective guard secures the head and lens when the light is collapsed for storage or transport.
- Extendable mast which reaches from 1.10 m to over 2.15 m to light up work spaces from top without casting shadows.
- IP54 - protected from dust and splashing water.
- Compact footprint with low center of gravity and impact resistant reinforced nylon legs to protect against abusive jobsite conditions.

<table>
<thead>
<tr>
<th>Feature</th>
<th>M18 HSAL-0</th>
<th>M18 HSAL-02B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage (AC) (V)</td>
<td>220 - 240</td>
<td>220 - 240</td>
</tr>
<tr>
<td>Voltage (DC) (V)</td>
<td>18</td>
<td>18</td>
</tr>
<tr>
<td>Battery type</td>
<td>Li-ion</td>
<td>Li-ion</td>
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<tr>
<td>Battery pack capacity (Ah)</td>
<td>−</td>
<td>5.0</td>
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<tr>
<td>No. of batteries supplied</td>
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<td>2</td>
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<tr>
<td>Charger supplied</td>
<td>−</td>
<td>100 min</td>
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<tr>
<td>System</td>
<td>M18</td>
<td>M18</td>
</tr>
<tr>
<td>Battery compatibility</td>
<td>All Milwaukee® M18™ batteries</td>
<td>All Milwaukee® M18™ batteries</td>
</tr>
<tr>
<td>Bulb type</td>
<td>LED</td>
<td>LED</td>
</tr>
<tr>
<td>Max. light output (High/Medium/Low/Strobe)</td>
<td>3000 / 1700 / 900 / -</td>
<td>3000 / 1700 / 900 / -</td>
</tr>
<tr>
<td>Max. run time with M18 B5 battery (h)</td>
<td>2.25 / 4.25 / 8 / -</td>
<td>2.25 / 4.25 / 8 / -</td>
</tr>
<tr>
<td>Weight with battery pack (kg)</td>
<td>−</td>
<td>8.5</td>
</tr>
<tr>
<td>Supplied in</td>
<td>Tool bag</td>
<td></td>
</tr>
</tbody>
</table>

### M18 SAL
#### M18™ LED STAND LIGHT

- **TRUEVIEW™** high definition lighting: Twelve high performance LEDs provide 2000 Lumen on high light output which is brighter than 250 Watt halogen light.
- Impact resistant adjustable head with highly durable polycarbonate lens can be rotated 230° vertically and pivoted 240° horizontally.
- Protective guard secures the head and lens when the light is collapsed for storage or transport.
- Extendable mast which reaches from 1.10 m to over 2.20 m to light up work spaces from top without casting shadows.
- IP54 - protected from dust and splashing water.
- Compact footprint with low center of gravity and impact resistant reinforced nylon legs to protect against abusive jobsite conditions.
- Carry handles on two positions for easy one handed transport: weight is evenly balanced when compressed.

<table>
<thead>
<tr>
<th>Feature</th>
<th>M18 SAL-0</th>
<th>M18 SAL-02B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage (V)</td>
<td>18</td>
<td>18</td>
</tr>
<tr>
<td>Battery type</td>
<td>Li-ion</td>
<td>Li-ion</td>
</tr>
<tr>
<td>Battery pack capacity (Ah)</td>
<td>−</td>
<td>5.0</td>
</tr>
<tr>
<td>No. of batteries supplied</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>Charger supplied</td>
<td>−</td>
<td>100 min</td>
</tr>
<tr>
<td>System</td>
<td>M18</td>
<td>M18</td>
</tr>
<tr>
<td>Battery compatibility</td>
<td>All Milwaukee® M18™ batteries</td>
<td>All Milwaukee® M18™ batteries</td>
</tr>
<tr>
<td>Bulb type</td>
<td>LED</td>
<td>LED</td>
</tr>
<tr>
<td>Max. light output (High/Medium/Low/Strobe)</td>
<td>2000 / 1300 / 850 / -</td>
<td>2000 / 1300 / 850 / -</td>
</tr>
<tr>
<td>Max. run time with M18 B5 battery (h)</td>
<td>4 / 6 / 10 / -</td>
<td>4 / 6 / 10 / -</td>
</tr>
<tr>
<td>Weight with battery pack (kg)</td>
<td>−</td>
<td>7.3</td>
</tr>
<tr>
<td>Supplied in</td>
<td>Tool bag</td>
<td></td>
</tr>
</tbody>
</table>

### M18 ONERSAL
#### M18™ ONE-KEY™ LED REMOTE STAND LIGHT

- **ONE-KEY™** technology enables advanced light customisation and to control the light remotely from up to 30 m.
- **TRUEVIEW™** high definition lighting: Optimise brightness and run time by adjusting the light output between 0 - 5300 Lumens.
- **ONE-KEY™** technology: high definition light output delivers consistent beam, optimised colour temperature and true representation of colours and detail.
- Sealed battery compartment for 2 packs to extend run time.
- Compact footprint with low center of gravity and impact resistant reinforced nylon legs to protect against abusive jobsite conditions.

<table>
<thead>
<tr>
<th>Feature</th>
<th>M18 ONERSAL-0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Battery pack capacity (Ah)</td>
<td>−</td>
</tr>
<tr>
<td>No. of batteries supplied</td>
<td>0</td>
</tr>
<tr>
<td>Charger supplied</td>
<td>−</td>
</tr>
<tr>
<td>System</td>
<td>M18</td>
</tr>
<tr>
<td>Battery compatibility</td>
<td>All Milwaukee® M18™ batteries</td>
</tr>
<tr>
<td>Bulb type</td>
<td>LED</td>
</tr>
<tr>
<td>Max. light output (High/Medium/Low/Strobe)</td>
<td>5300/3000/1550/-</td>
</tr>
<tr>
<td>Max. run time with M18 B9 battery (h)</td>
<td>7/12/24/-</td>
</tr>
<tr>
<td>Weight with battery pack (kg)</td>
<td>&lt;attrib a=&quot;42&quot; l=&quot;10&quot; o=&quot;311632&quot;&gt; &lt;2.5&lt;/attrib&gt;</td>
</tr>
<tr>
<td>Supplied in</td>
<td>−</td>
</tr>
</tbody>
</table>
TRUEVIEW™ M12™ LED LANTERN LIGHT

- **High definition lighting:**
  - Flexible roto-latch head allows for 360° of movement.

- **Low battery indicator:**
  - Light flashes when battery pack is low.

- **IP54 rating:**
  - The light is protected from dust and splashing water.

- **2 hooks for hanging:**
  - Protected against splash water at all angles (IP54).

- **Ergonomic grip:**
  - With rubber overmould enhances user comfort.

- **Three LED design with 2 light settings:**
  - Provides 300 Lumens on High & Strobe.

- **Battery compatibility:**
  - All Milwaukee® M12™ batteries.

- **Max. light output:**
  - High/Medium/Low/Strobe delivering 220/95/300/500 Lumens.

- **Max. run time:**
  - With M12 B5 battery pack: 3.5 / 7.5 / 15 hours.

---

TRUEVIEW™ M12™ LED STICK LIGHT

- **High definition lighting:**
  - Powerful three LED design provides 200 Lumens.

- **Flexible battery system:**
  - Works with all Milwaukee® M12™ batteries.

- **No. of batteries supplied:**
  - 0

- **Battery pack capacity:**
  - (Ah)

- **Max. light output:**
  - High/Medium/Low/Strobe delivering 220/95/300/500 Lumens.

- **Max. run time:**
  - With M12 B5 battery pack: 8 / 15 / 67 / 16 hours.

---

TRUEVIEW™ M12™ LED AREA LIGHT

- **High definition lighting:**
  - Five high performance LEDs provide 1500 Lumens of light output, replacing 250 W halogen lights.

- **Max. light output:**
  - High/Medium/Low/Strobe delivering 1300/500/500/500 Lumens.

- **Max. run time:**
  - With M18™ battery pack: 4 / 15 / 100 / 16 hours.

---

TRUEVIEW™ M18™ LED LANTERN LIGHT

- **High definition lighting:**
  - 180° - 360° adjustable beam - versatile design, allows the user to select between area lighting and task lighting.

- **High powered 2.1A USB charger:**
  - Charges tablets, smartphones, MP3 players and other electronic devices.

- ** Whip cable eyehook:**
  - 2 hooks for hanging.

- **Powerful three LED design:**
  - Provides 400+ Lumens.

- **Battery pack:**
  - Capacity (Ah) 5.0.

- **Max. light output:**
  - High/Medium/Low/Strobe delivering 800/325/325/800 Lumens.

- **Max. run time:**
  - With M18™ battery pack: 4 / 4 / 7 / 5 hours.

---

TRUEVIEW™ M18™ LED AREA LIGHT

- **High definition lighting:**
  - Five high performance LEDs provide 1500 Lumens of light output, replacing 250 W halogen lights.

- **Max. light output:**
  - High/Medium/Low/Strobe delivering 1300/500/500/500 Lumens.

- **Max. run time:**
  - With M18™ battery pack: 4 / 15 / 100 / 16 hours.

---

TRUEVIEW™ M18™ LED STICK LIGHT

- **High definition lighting:**
  - Powerful three LED design provides 200 Lumens.

- **Flexible battery system:**
  - Works with all Milwaukee® M18™ batteries.

- **No. of batteries supplied:**
  - 0

- **Battery pack capacity:**
  - (Ah) 4.0.

- **Max. light output:**
  - High/Medium/Low/Strobe delivering 220/95/300/500 Lumens.

- **Max. run time:**
  - With M18™ battery pack: 10 / 20 / 100 / 16 hours.

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TRUEVIEW™ M18™ LED AREA LIGHT

- **High definition lighting:**
  - Five high performance LEDs provide 1500 Lumens of light output, replacing 250 W halogen lights.

- **Max. light output:**
  - High/Medium/Low/Strobe delivering 1300/500/500/500 Lumens.

- **Max. run time:**
  - With M18™ battery pack: 4 / 15 / 100 / 16 hours.
**C12 JSR**

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

- Advanced technology tuner for high reception and clarity
- Preset range AM/FM tuner, 10 stations
- Dual speakers with passive radiators - deliver loud, clear sound
- Built-in AM/FM tuner delivers highest reception accuracy and signal clarity
- High performance audio system - AM/FM tuner with digital processor delivers highest reception accuracy and signal clarity
- Advanced technology tuner for enhanced sound quality and signal clarity
- Tuning range AM (kHz) 522 - 1629
- Tuning range DAB+ (MHz) 174.928 - 239.20
- Tuning range FM (MHz) 87.50 - 108
- Advanced technology Bluetooth® speaker
- Connect wirelessly with portable electronic devices from up to 20 m away
- 10-station preset
- Non-removable battery pack
- Battery type Li-ion
- Voltage (DC) (V) 12
- Speaker output (W) 40
- Charger supplied
- No. of batteries supplied 0
- Battery pack capacity (Ah) 5.0
- Dimensions (mm) 360 x 165 x 165
- Weight (kg) 0.5

**M18 JSR DAB+**

**M18® JOBSITE RADIO DAB+**

- High performance audio system - DAB+/FM tuner with digital processor delivers highest reception accuracy and signal clarity
- Advanced technology speaker
- Connect wirelessly with portable electronic devices from up to 20 m away
- Digital display for accurate signal selection
- Mute button for instant volume kill
- Advanced technology Bluetooth® speaker
- Connect wirelessly with portable electronic devices from up to 30 m away
- 10-station preset
- Non-removable battery pack
- Battery type Li-ion
- Voltage (AC) (V) 18
- Speaker output (W) 40
- Charger supplied
- No. of batteries supplied 0
- Battery pack capacity (Ah) 4.0
- Dimensions (mm) 300 x 307 x 370
- Weight (kg) 7.7

**M18 JSR**

**M18® JOBSITE RADIO**

- High performance audio system - AM/FM tuner with digital processor delivers highest reception accuracy and signal clarity
- Advanced technology speaker
- Connect wirelessly with portable electronic devices from up to 20 m away
- Digital display for accurate signal selection
- Mute button for instant volume kill
- Advanced technology speaker
- Connect wirelessly with portable electronic devices from up to 30 m away
- 10-station preset
- Non-removable battery pack
- Battery type Li-ion
- Voltage (AC) (V) 18
- Speaker output (W) 40
- Charger supplied
- No. of batteries supplied 0
- Battery pack capacity (Ah) 4.0
- Dimensions (mm) 360 x 165 x 165
- Weight (kg) 0.5

**M12-JSSP**

**M12® JOBSITE BLUETOOTH® SPEAKER**

- Advanced technology Bluetooth® speaker
- Connect wirelessly with portable electronic devices from up to 30 m away
- Loud, clear sound at all volumes
- Reinforced roll cage and metal handles protects against from drops, water and debris on the jobsite
- Exclusive AM/FM tuner with digital processor delivers highest reception accuracy and signal clarity
- High performance audio system - AM/FM tuner with digital processor delivers highest reception accuracy and signal clarity
- Advanced technology speaker
- Connect wirelessly with portable electronic devices from up to 30 m away
- Digital display for accurate signal selection
- Mute button for instant volume kill
- Advanced technology Bluetooth® speaker
- Connect wirelessly with portable electronic devices from up to 30 m away
- 10-station preset
- Non-removable battery pack
- Battery type Li-ion
- Voltage (AC) (V) 12
- Speaker output (W) 40
- Charger supplied
- No. of batteries supplied 0
- Battery pack capacity (Ah) 5.0
- Dimensions (mm) 300 x 307 x 370
- Weight (kg) 7.7

**M12-18 JSSP**

**M12® - M18® BLUETOOTH® SPEAKER**

- Advanced technology Bluetooth® speaker
- Connect wirelessly with portable electronic devices from up to 30 m away
- Loud, clear sound at all volumes
- Reinforced roll cage and metal handles protects against from drops, water and debris on the jobsite
- Exclusive AM/FM tuner with digital processor delivers highest reception accuracy and signal clarity
- Advanced technology speaker
- Connect wirelessly with portable electronic devices from up to 30 m away
- Digital display for accurate signal selection
- Mute button for instant volume kill
- Advanced technology Bluetooth® speaker
- Connect wirelessly with portable electronic devices from up to 30 m away
- 10-station preset
- Non-removable battery pack
- Battery type Li-ion
- Voltage (AC) (V) 18
- Speaker output (W) 40
- Charger supplied
- No. of batteries supplied 0
- Battery pack capacity (Ah) 5.0
- Dimensions (mm) 300 x 307 x 370
- Weight (kg) 7.7

**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
- Advanced technology Bluetooth® speaker
- Connect wirelessly with portable electronic devices from up to 30 m away
- Digital display for accurate signal selection
- Mute button for instant volume kill
- Advanced technology Bluetooth® speaker
- Connect wirelessly with portable electronic devices from up to 30 m away
- 10-station preset
- Non-removable battery pack
- Battery type Li-ion
- Voltage (AC) (V) 18
- Speaker output (W) 40
- Charger supplied
- No. of batteries supplied 0
- Battery pack capacity (Ah) 4.0
- Dimensions (mm) 360 x 165 x 165
- Weight (kg) 0.5

**M18 JSSP**

**M18® JOBSITE RADIO**

- High performance audio system - AM/FM tuner with digital processor delivers highest reception accuracy and signal clarity
- Advanced technology speaker
- Connect wirelessly with portable electronic devices from up to 30 m away
- Digital display for accurate signal selection
- Mute button for instant volume kill
- Advanced technology speaker
- Connect wirelessly with portable electronic devices from up to 30 m away
- 10-station preset
- Non-removable battery pack
- Battery type Li-ion
- Voltage (AC) (V) 18
- Speaker output (W) 40
- Charger supplied
- No. of batteries supplied 0
- Battery pack capacity (Ah) 4.0
- Dimensions (mm) 360 x 165 x 165
- Weight (kg) 0.5

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**Technical Specifications**

- **M12 JSR**: 2.1A USB charger, charges phones, tablets and media players
- **M18 JSR**: 2.1A USB charger, charges phones, tablets and media players
- **M18 RC**: 2.1A USB power outlet charges devices in both AC and DC mode
- **C12 JSR**: 2.1A USB charger, charges phones, tablets and media players
- **M12-JSSP**: 2.1A USB charger, charges phones, tablets and media players
- **M12-18 JSSP**: 2.1A USB charger, charges phones, tablets and media players
- **M18 JSR**: 2.1A USB charger, charges phones, tablets and media players
- **M18 RC**: 2.1A USB power outlet charges devices in both AC and DC mode

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**Article Numbers**

- **C12 JSR**: 4933459275
- **M12-JSSP**: 4933416365
- **M18 JSR**: 4933459276
- **M18 RC**: 4933459277
BATTERIES & CHARGERS

CHARGERS

<table>
<thead>
<tr>
<th>System</th>
<th>Charging range</th>
<th>Charging time</th>
<th>Battery pack capacity (Ah)</th>
<th>For battery type M12</th>
<th>For battery type M14</th>
<th>For battery type M18</th>
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<td>M12™ BATTERIES</td>
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PRO COMPACT TAPE MEASURES

- Improved ergonomics and comfortable size.
- Jobsite durability.
- Improved, triple compact hook for better side marking and scale visibility.
- Improved belt clip: more pocket friendly.
- Nylon on reflective metal base protection: up to 10x more resistant to Jobsite damage.
- 21 mm blade with double-clad printing on tape for easier readability.
- Strong double magnet at start of the tape allows easy hooking onto flat surfaces.
- Architect scale provides easy calculating of scaled drawings.
- 5-point reinforced frame for jobsite durability.
- Class II accuracy.

PREMIUM MAGNETIC TAPE MEASURES

- Patented finger stop: stable when stands alone.
- Compact and ergonomic design.
- Improved, triple compact hook for better side marking and scale visibility.
- Improved belt clip: more pocket friendly.
- Nylon on reflective metal base protection: up to 10x more resistant to Jobsite damage.
- 21 mm blade with double-clad printing on tape for easier readability.
- Strong double magnet at start of the tape allows easy hooking onto flat surfaces.
- Architect scale provides easy calculating of scaled drawings.
- 5-point reinforced frame for jobsite durability.
- Class II accuracy.

TAPE MEASURES COMPACT LINE

- Nylon coating blade protection against debris, dirt and water.
- ABS inner housing with stainless steel case for jobsite durability and high and low temperature resistance.
- 4-point reinforced frame prevents the top of the tape measure from splitting open when dropped.
- Shock absorbing blade return bumper for improved blade and spring life.
- High quality hook with 2 rivets for precise measurements.
- Ergonomic compact design.
- Class II accuracy.

INKZALL™ MARKERS

- Stays sharp, doesn’t mushroom or push back under pressure.
- Acrylic nib ideal for rough surfaces such as OSB and concrete.
- Marker continues to write after 72+ hours of cap off time.
- Can be used on concrete, wood, metal, plywood, OSB, plastic.
- Can be used on wet, oily, dusty, rusty, with debris surfaces.
- Quick dry time – reduced smearing markings on PVC, metal surfaces.
- Thin body for use in restricted areas.
- Helmet clip – can be clipped to the construction site cap, trousers, overalls.
- Easy open cap for one hand operation.
- Lanyard hole.
INKZALL™ MARKERS WITH STYLIST

- Stays sharp, doesn’t mushroom or push back under pressure.
- Acrylic ink is ideal for rough surfaces such as OSB and concrete.
- Marker contains ink after 72+ hours of cap off time.
- For use on concrete, wood, metal, plastic, OSB, plastic, Corian and in wet, dry, dust, debris, wipeable surfaces.
- Quick dry time – reduces smearing markings on PVC, metal surfaces.
- Thin body for use in restricted areas.
- Helmet clip – can be clipped to the construction site cap, trousers, overalls.
- Easy cap cap for one hand operation.
- Anti-Roll design - won’t roll off surfaces.
- No smearing, doesn’t bleed through.
- Valve action marker.
- Locking mechanism for repetitive use in and out of pocket/pouch.
- Lock vial in place to keep accuracy in site.
- Magnets for maximum holding power.
- Amplified rare earth magnets for maximum holding power.
- Reinforced acrylic vials offer maximum durability.
- Die cast aluminum body withstands the conditions of the jobsite.
- Optimised V-groove design for stability on non-ferrous pipes.
- Weld clearance. Easily level over weld joints in pipes and other materials.
- Optimized v-groove design for stability on non-ferrous pipes.
- Laser etched ruled edge for quick measurements on material.
- 360° adjustable vial for reading angles.
- Reinforced plumb vials. Solid, acrylic block vials offer maximum durability.
- Amplified rare earth magnets for maximum holding power.
- Locking mechanism for repetitive use in and out of pocket/pouch.
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**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.
- 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 new blades.
- Belt clip for easy storage.
- Lanyard hole to secure against loss.
- Accepts standard blades.

**SNAP KNIVES**

- Metal lock* for maximum durability and longer lifetime.
- Locks with a second thread* that allows faster blade adjustment.
- Auto-lock handle** for faster blade adjustment.
- Snap-off cap pocket clip** snaps off blade segments.
- Overmolded handle offers a slip resistant grip and is acetone resistant.
- Iron carbide blade for longer lifetime, increased sharpness and clean cut finish.
- 13 mm / 8 mm snap knives
- 7 mm / 5 mm snap knives

**FOLDING JABSAW**

- Tool free blade change - change blades up to 10x faster.
- Folding blade - easier and safer storage.
- Internal blade storage for extra blades.
- 45° lock for easy access of tight spaces.
- Supplied with 18 TPi, 150 mm blade.

**HACKSAW**

- Tough metal frame, supports higher tension (25,000 PSI / 250 lbs).
- Overmold handle ensures secure grip and user comfort.
- Internal blade storage for extra blades.
- Supplied with 12” / 24 Tpi 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 overmold grip for increased comfort.
- Supplied with 10” / 24 Tpi blade.

**PLASTIC CUTTER**

- Cuts PEX, PB, PEX PB, PE, plastic electrical conduits, pneumatic pipe plastic overflow pipe, rubber hose, silicon hoses up to Ø 25 mm.
- V-shaped blade allows quick and straight cuts; prevents crushing of material.
- Replaceable stainless steel blade.
- Robust construction – metal core from the head to the handles for maximum lifetime.
- Grooves on the head allow stripping of couplings.
- Corrosion resistant head.
- One handed locking mechanism, tool remains closed while in pouch, spring loaded but easy opening.
- Ergonomic and durable overmolded grips add comfort and last longer.
### 5IN1 WIRE STRIPPING Pliers

**Features:**
- Wire stripper: strips wire sizes 0.75 mm² - 1.0 mm², 1.5 mm².
- Anti roll, 3 sided collar on handle.
- Slim design at front for low power/torque applications and fine 3 sided design for non-slip and maximum power transfer.
- 2 component grip with softgrip for comfortable handling.
- Black phosphate on the tip for grip and corrosion resistance.
- Premium quality steel with molydenum and vanadium for maximum tool strength and durability.

**Technical Specifications:**
- Article Number: 48229079
- Deburring head max. Ø (mm): 25
- Jaw thickness (mm): 4
- Total length (mm): 190
- Max. cutting capacity cable (mm): 6.0
- Cutting capacity in hard wire (mm): 2.5
- Cutting capacity in medium wire (mm): 2.5

### HOLLOWCORE™ MAGNETIC NUT DRIVERS

**Features:**
- Hollowcore™ unlimited depth in long bolts and threaded rod applications (patent pending).
- Magnetic retention driver heads for secure fitment in fastening applications.
- 10 in 1 ratchet multi-bit screwdriver head fits 4 x more fasteners - square, 10-point, 8-point, 6-point.
- Removable coated arrestor caps.
- Colour coded ID markings allow for quick tool identification on jobsite.
- Wrench hex drive delivers additional leverage.
- Chrome plated for maximum durability.
- Precise hardened bit tips: durable driving tips for secure fitment and long life.
- Revolver style bit storage in handle.
- Chrome plated marine grade rust protected bits.

**Contents:**
- PH1 / PH2 / PZ1 / PZ2 / PZ3 / PZ0 / T30 / T25 / T20 / T15 / T10 / PZ2 / PZ1 / 88 mm long power groove bits, power tool compatibility.
- Full metal high torque hex shank for 2x driving speed and control.
- 10 in 1 ratchet multi-bit screwdriver head fits 4x more fasteners - square, 10-point, 8-point, 6-point.
- Precision forged shank: durable driving tips for secure fitment and long life.
- Revolver style bit storage in handle.
- 10 in 1 ratchet multi-bit screwdriver - Hex

### 10 IN 1 RATCHET MULTI-BIT SCREWDRIVER

**Features:**
- Ergonomic 152 mm long screwdriver with 10-in-1 hex nut drive (chamfered for easy access).
- 10 in 1 ratchet multi-bit screwdriver head fits 4x more fasteners - square, 10-point, 8-point, 6-point.
- Full metal high torque head for 2x driving speed and control.
- Bit storage in handle.
- Iron oxide coated bits: durable driving tips for secure fitment and long life.
- Precision forged shank: durable driving tips for secure fitment and long life.
- Revolver style bit storage in handle.
- Chrome plated marine grade rust protected bits.

**Specifications:**
- Chrome plated bits: premium quality steel with molydenum and vanadium.
- Revolver style bit storage in handle.
- Iron oxide coated bits: durable driving tips for secure fitment and long life.
- Precision forged shank: durable driving tips for secure fitment and long life.
- Revolver style bit storage in handle.
- Chrome plated marine grade rust protected bits.

### JOBSITE ORGANISER

**Features:**
- Mountable bins: 10 removable bins for versatile materials organisation, screws, nails, washers, nuts, etc.
- Full access when stacked: organisers stack and clip together for easy transport. Full access to all organisers even when stacked & clipped together.
- High impact plastic for long-life. Stacks & clips together for easy transport.
- Magnetic retention: secure fitment in fastening applications.
- Steel reinforces bins to maintain shape, weight and rust.
- Stainless steel hinges and latches - fully rust protected.
- For indoor use only. Not recommended for outdoor use.
- Seals each bin, preventing contents from shifting between bins during transport. Seals neat when some bins are removed.
- Stacks & clips together with full access to ALL organisers even when stacked & clipped together.

**Specifications:**
- Article Code: N083490
- Article Number: 48249100
- Contents: 10 in 1 ratchet multi-bit screwdriver - Hex
- 10 in 1 ratchet multi-bit screwdriver - Hex
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- 10 in 1 ratchet multi-bit screwdriver - Hex
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**Technical Specifications:**
- Dimensions: 455 x 360 x 110 mm.
### Demolition Gloves

- Ammonium-reinforced palms and finger tips. Increased durability and hand protection.
- Smooth Flex. Flexible capsule rubber fingers allow to grip fresh concrete and wet bricks without damaging the gloves.
- Heavy duty zipper withstands jobsite abuse and is up to 2x more durable than competitive zippered pouches.
- Heavy duty canvas construction; breathable and durable for a lifetime of use.
- Water resistant stand up base protects contents from water damage and allows the bag to stand-up for easy viewing of contents.
- Integrated belt loops allow for easy to hang on the bag.
- Metal tape measure clip securely stores tape for easy access.

### Electrician Pouch

- Double stitched, up to 4x stronger riveted seams.
- Integrated handles allow easy transport of the pouch and provides an easy mounting point on common jobsite materials.
- Padded, breathable belt for ultimate comfort and jobsite performance.
- Metal suspender attachments allow suspenders to be added.
- Metal tape measure clip securely stores tape for easy access.

### Electrician Belt

- Robust construction, made from 1680D ballistic nylon.
- Integrated handles allow easy transport of the pouch and provides an easy mounting point on common jobsite materials.
- Padded, breathable belt for ultimate comfort and jobsite performance.
- Metal tape measure clip securely stores tape for easy access.

### Fingerless Gloves

- Reinforced palm and thumb wear.
- Light weight; moisture wicking backing.
- High dexterity finger tips.
- Built in sweat wipe.
- Hook & Loop closure for secure fit.
- Meet the requirements of CE Category 2, EN 420 and EN 388 – 2221.

### FREE-Flex Work Gloves

- SMART SWIPE™ knuckle, palm and fingertips.
- Flexible and elastic gloves.
- Lightweight, breathable backing.
- Moisture wicking lining provides all day comfort.
- Built in sweat wipe.
- Hook & Loop closure for secure fit.
- Meet the requirements of CE Category 2, EN 420 and EN 388.