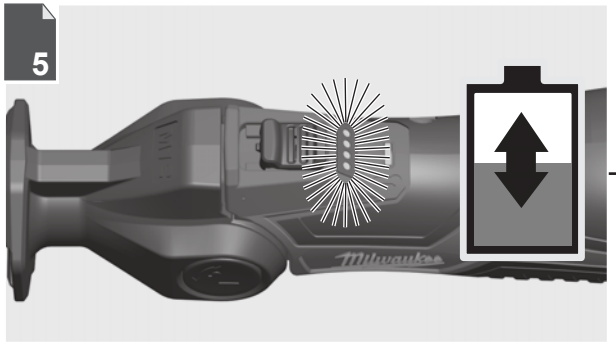
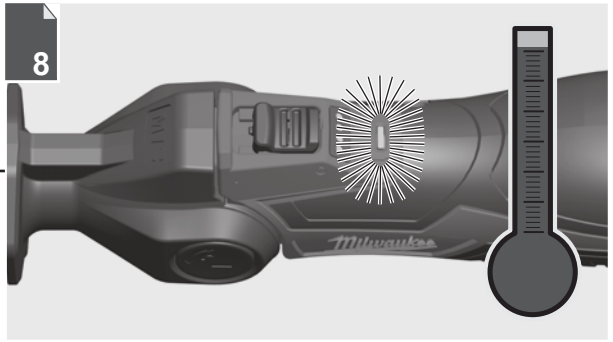
Nothing but **HEAVY DUTY.®**

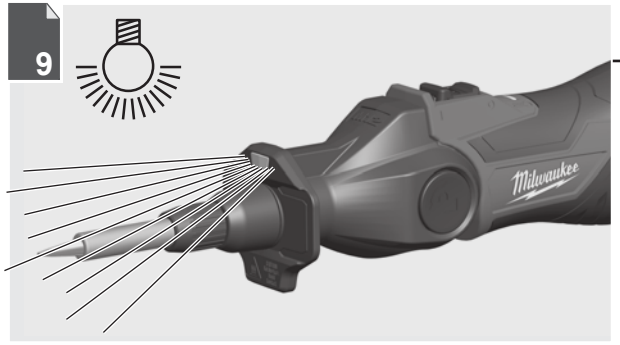


M12 SI

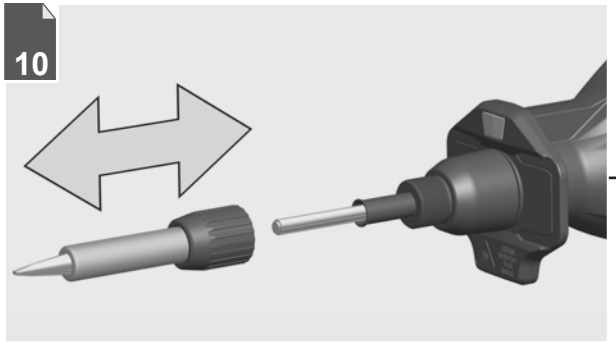
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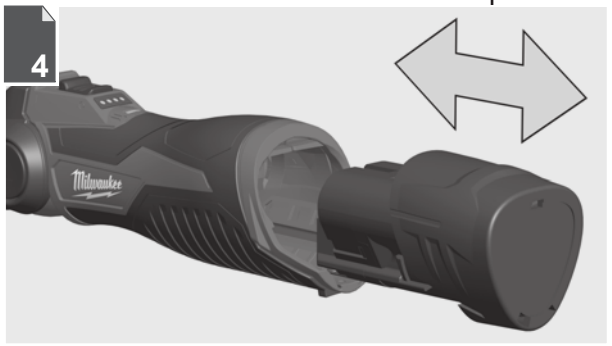


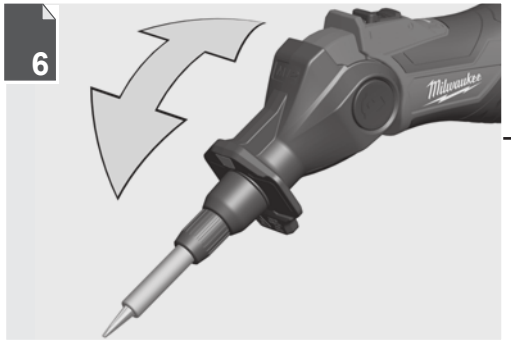






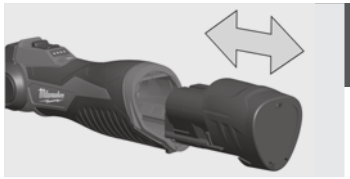




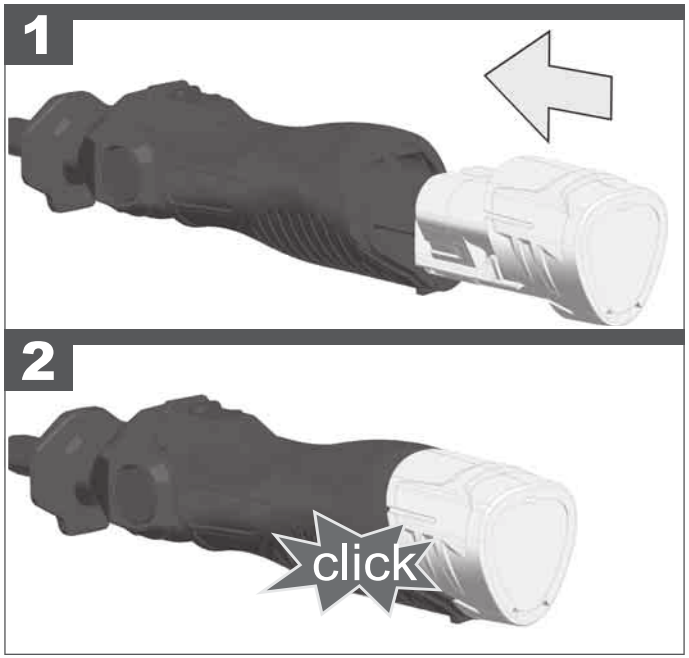


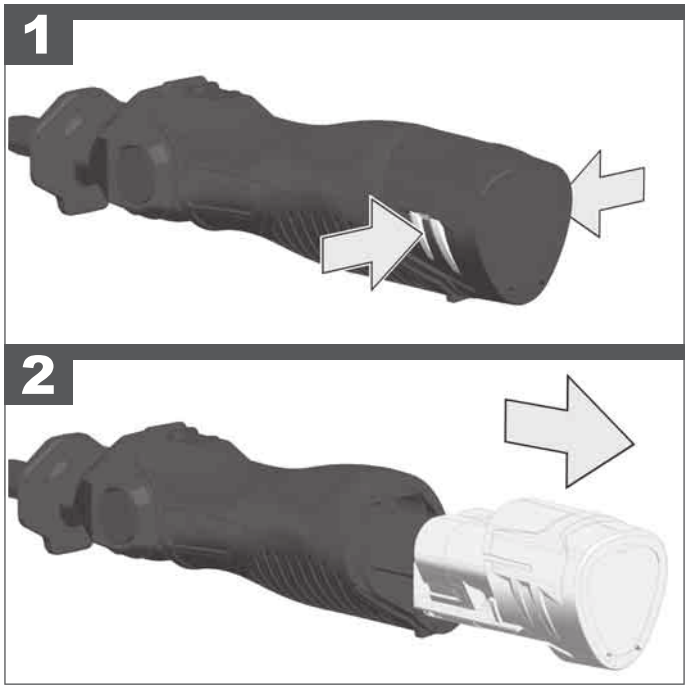


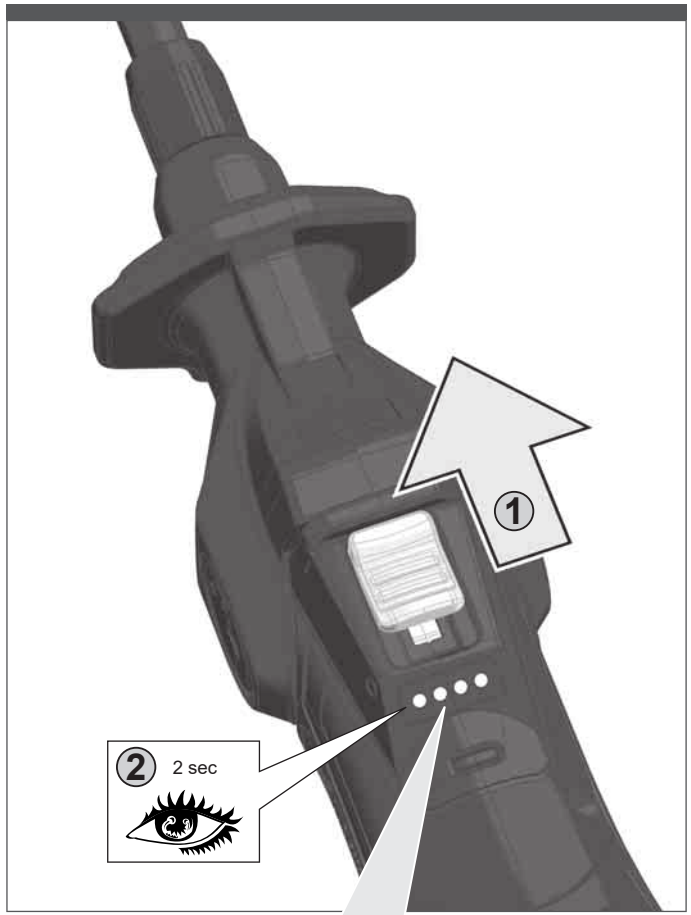
12 Text section with Technical Data, important Safety and Working Hints and description of Symbols

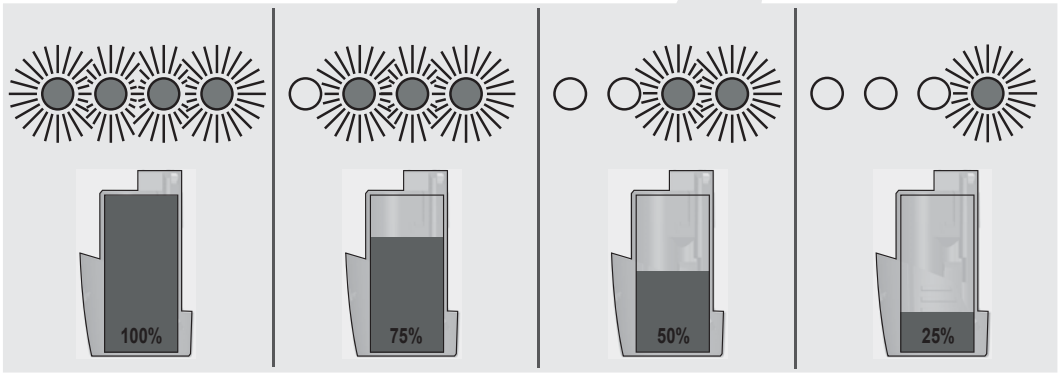


Remove the battery pack before starting any work on the machine.



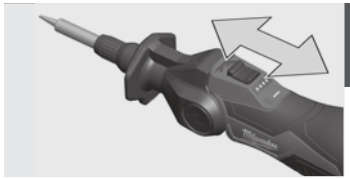




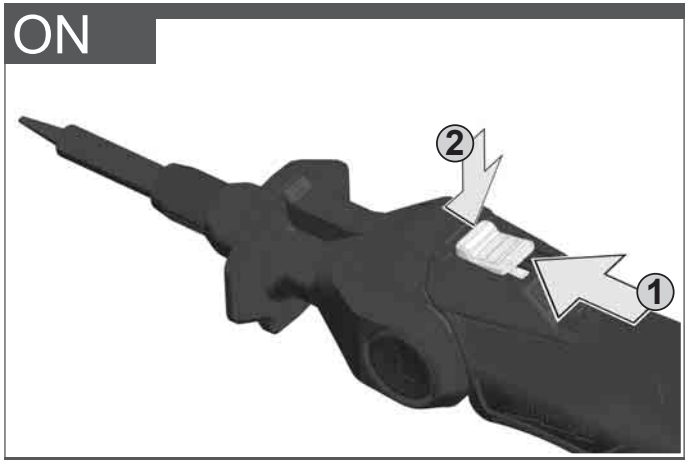




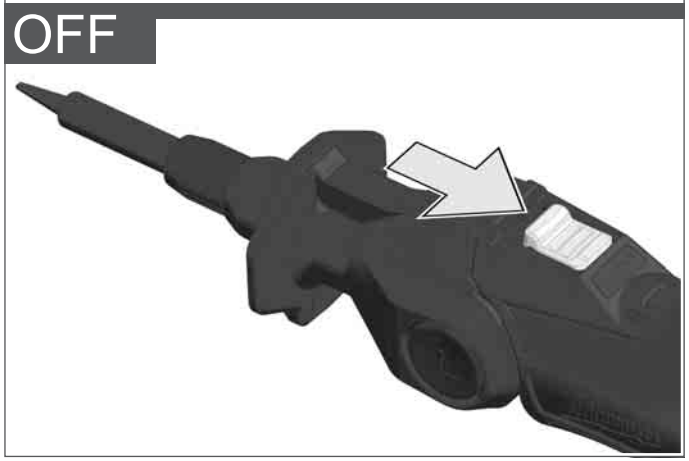




ON

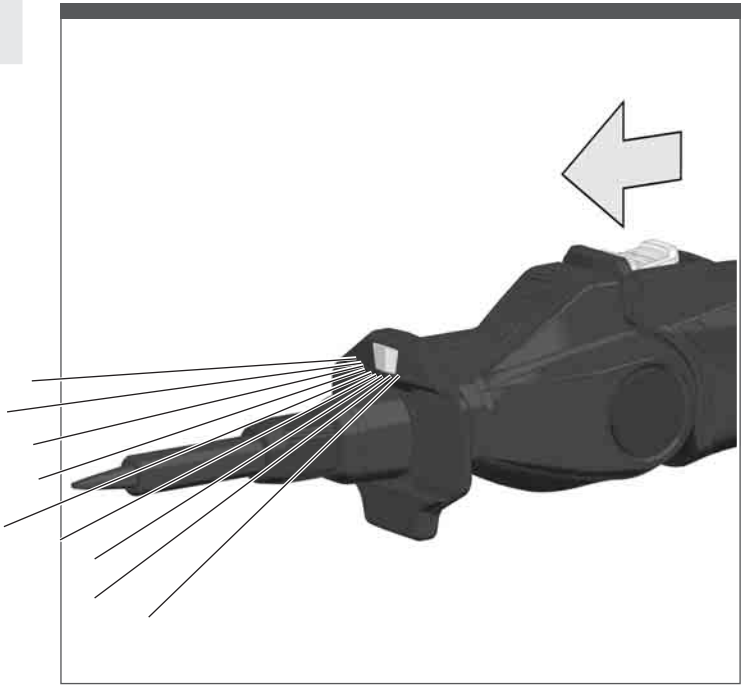


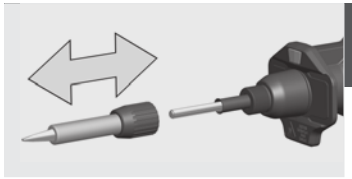
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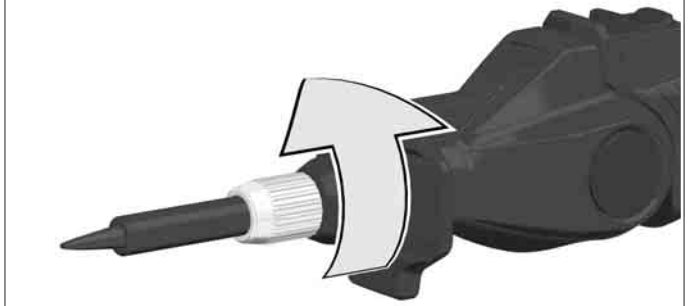


Blinking Green -> Heating
Continuous Green -> Solder melt temperature (200-400°C)
Continuous Red -> Cooling

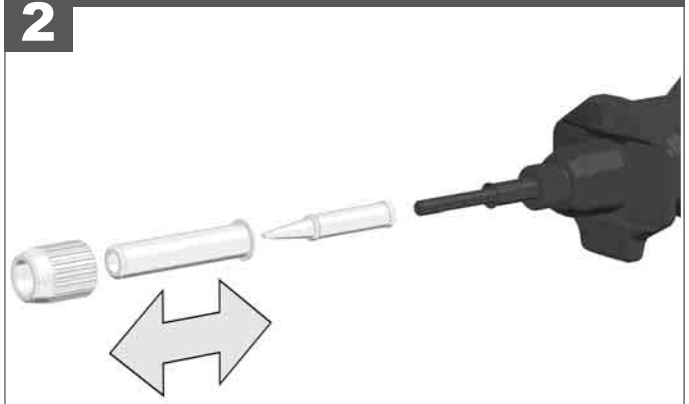




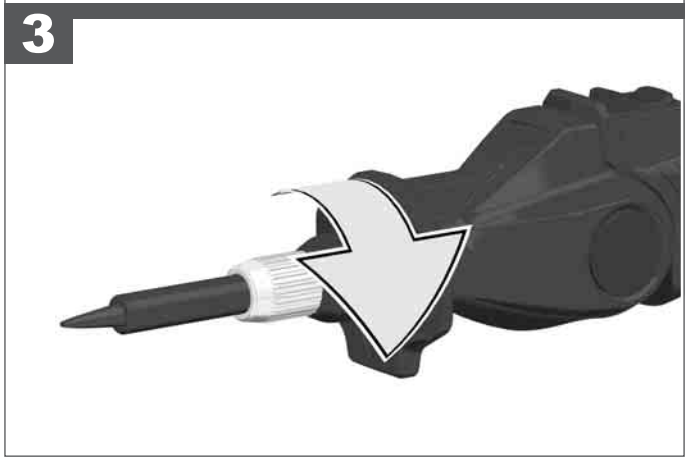
1



2



3



TECHNICAL DATA	SOLDERING IRON	M12 SI
Average Heater Power (max)		90 W
Set Tip Temperature		400 °C
Warm up time		18 s
Battery voltage		12 V
Weight according EPTA-Procedure 01/2014 (2,0 Ah)		0,41 kg
Recommended ambient operating temperature		-18...+50 °C
Recommended battery types		M12B...
Recommended charger		M12...

⚠ WARNING Read these instructions carefully, be familiar with the controls and the proper use of the machine. Save all warnings and instructions for future reference.

SAFETY INSTRUCTIONS SOLDERING IRON

Contact with a hot tool tip could ignite flammable materials.
Contact with a hot tip could ignite a fire.
Do not stand or store tool upright on the battery pack. Tool could tip resulting in contact between hot tip and flammable materials. Always set/store tool on its side when not in use.
Keep hands and fingers behind finger guard. Serious burns can occur if skin contacts tip.
Remove battery before storing. Such preventive safety measures reduce the risk of starting the power tool accidentally.
Work in well ventilated areas. Soldering can produce fumes and smoke.
Use personal protective equipment when using chemicals, such as flux and solder paste. Follow all manufacturer instructions.
To reduce the risk wear safety goggles or glassesof injury, always with side shields.
For changing the soldering tip ensure the tip is cool and the tip temp indicator is off before touching the tip. Serious burns could occur if skin contacts a hot tip.
Do not stand on battery pack (unstable).

ADDITIONAL SAFETY INSTRUCTIONS

Never allow children, persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge or people unfamiliar with these instructions to use the machine, local regulations may restrict the age of the operator.

Remove the battery pack before starting any work on the machine.

Do not dispose of used battery packs in the household refuse or by burning them. Milwaukee Distributors offer to retrieve old batteries to protect our environment.

Do not store the battery pack together with metal objects (short circuit risk).

Use only System M12 chargers for charging System M12 battery packs.

Do not use battery packs from other systems.

Battery acid may leak from damaged batteries under extreme load or extreme temperatures. In case of contact with battery acid wash it off immediately with soap and water. In case of eye contact rinse thoroughly for at least 10 minutes and immediately seek medical attention.

Warning! To reduce the risk of fire, personal injury, and product damage due to a short circuit, never immerse your tool, battery pack or charger in fluid or allow a fluid to flow inside them. Corrosive or conductive fluids, such as seawater, certain industrial chemicals, and bleach or bleach containing products, etc., can cause a short circuit.

SPECIFIED CONDITIONS OF USE

The Soldering Iron is intended to be used for soldering or tinning electrical components, cables, conductors, etc use away from mains supply.
Do not use this product in any other way as stated for normal use.

EC-DECLARATION OF CONFORMITY

We declare under our sole responsibility that the product described under “Technical Data” fulfills all the relevant regulations and the directives 2011/65/EU (RoHs), 2014/30/EU, 2006/42/EC, and the following harmonized standards have been used:

EN 60335-1:2012+A11:2014+A11:2014+A13:2017+A1:2019+A2:2019+A14:2019
EN 60335-2-45:2002+A1:2008+A2:2012
EN 55014-1:2017+A11:2020
EN 55014-2:2015
EN EC 63000:2018

Winnenden, 2020-31-20



Alexander Krug
Managing Director
Authorized to compile the technical file
Techtronic Industries GmbH
Max-Eyth-Straße 10
71364 Winnenden
Germany

GB-DECLARATION OF CONFORMITY

We declare as the manufacturer under our sole responsibility that the product described under “Technical Data” fulfills all the relevant provisions of the following Regulations S.I. 2008/1597 (as amended), S.I. 2016/1091 (as amended), S.I. 2012/3032 (as amended) and that the following designated standards have been used:

BS EN 60335-1:2012+A13:2017
BS EN 60335-2-45:2002+A2:2012
BS EN 55014-1:2017+A11:2020
BS EN 55014-2:2015
BS EN EC 63000:2018

Winnenden, 2020-31-20



Alexander Krug
Managing Director
Authorized to compile the technical file.
Techtronic Industries GmbH
Max-Eyth-Straße 10
71364 Winnenden
Germany

BATTERIES

Battery packs which have not been used for some time should be recharged before use.

Temperatures in excess of 50°C (122°F) reduce the performance of the battery pack. Avoid extended exposure to heat or sunshine (risk of overheating).

The contacts of chargers and battery packs must be kept clean.

For an optimum life-time, the battery packs have to be fully charged, after used.

To obtain the longest possible battery life remove the battery pack from the charger once it is fully charged.

For battery pack storage longer than 30 days:
Store the battery pack where the temperature is below 27°C and away from moisture
Store the battery packs in a 30% - 50% charged condition
Every six months of storage, charge the pack as normal.

TRANSPORTING LITHIUM BATTERIES

Lithium-ion batteries are subject to the Dangerous Goods Legislation requirements.

Transportation of those batteries has to be done in accordance with local, national and international provisions and regulations.

- The user can transport the batteries by road without further requirements.
- Commercial transport of Lithium-Ion batteries by third parties is subject to Dangerous Goods regulations. Transport preparation and transport are exclusively to be carried out by appropriately trained persons and the process has to be accompanied by corresponding experts.

When transporting batteries:

- Ensure that battery contact terminals are protected and insulated to prevent short circuit.
- Ensure that battery pack is secured against movement within packaging.
- Do not transport batteries that are cracked or leak.

Check with forwarding company for further advice

MAINTENANCE

Use only Milwaukee accessories and spare parts. Should components need to be replaced which have not been described, please contact one of our Milwaukee service agents (see our list of guarantee/service addresses).

If needed, an exploded view of the tool can be ordered. Please state the machine type printed as well as the six-digit No. on the label and order the drawing at your local service agents or directly at: Techtronic Industries GmbH, Max-Eyth-Straße 10, 71364 Winnenden, Germany.

SYMBOLS


CAUTION! WARNING! DANGER!


Please read the instructions carefully before starting the machine.


Do not dispose electric tools, batteries/ rechargeable batteries together with household waste material.
Electric tools and batteries that have reached the end of their life must be collected separately and returned to an environmentally compatible recycling facility.
Check with your local authority or retailer for recycling advice and collection point.


Caution – hot surfaces!


Always wear eye protection!


European Conformity Mark


British Confomity Mark


Ukraine Conformity Mark


EurAsian Conformity Mark

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