



BOSCH

Professional

HEAVY
DUTY

GFT18V-30

Robert Bosch Power Tools GmbH
70538 Stuttgart
GERMANY

www.bosch-pt.com

1 609 92A G26 (2026.04) 0 / 21



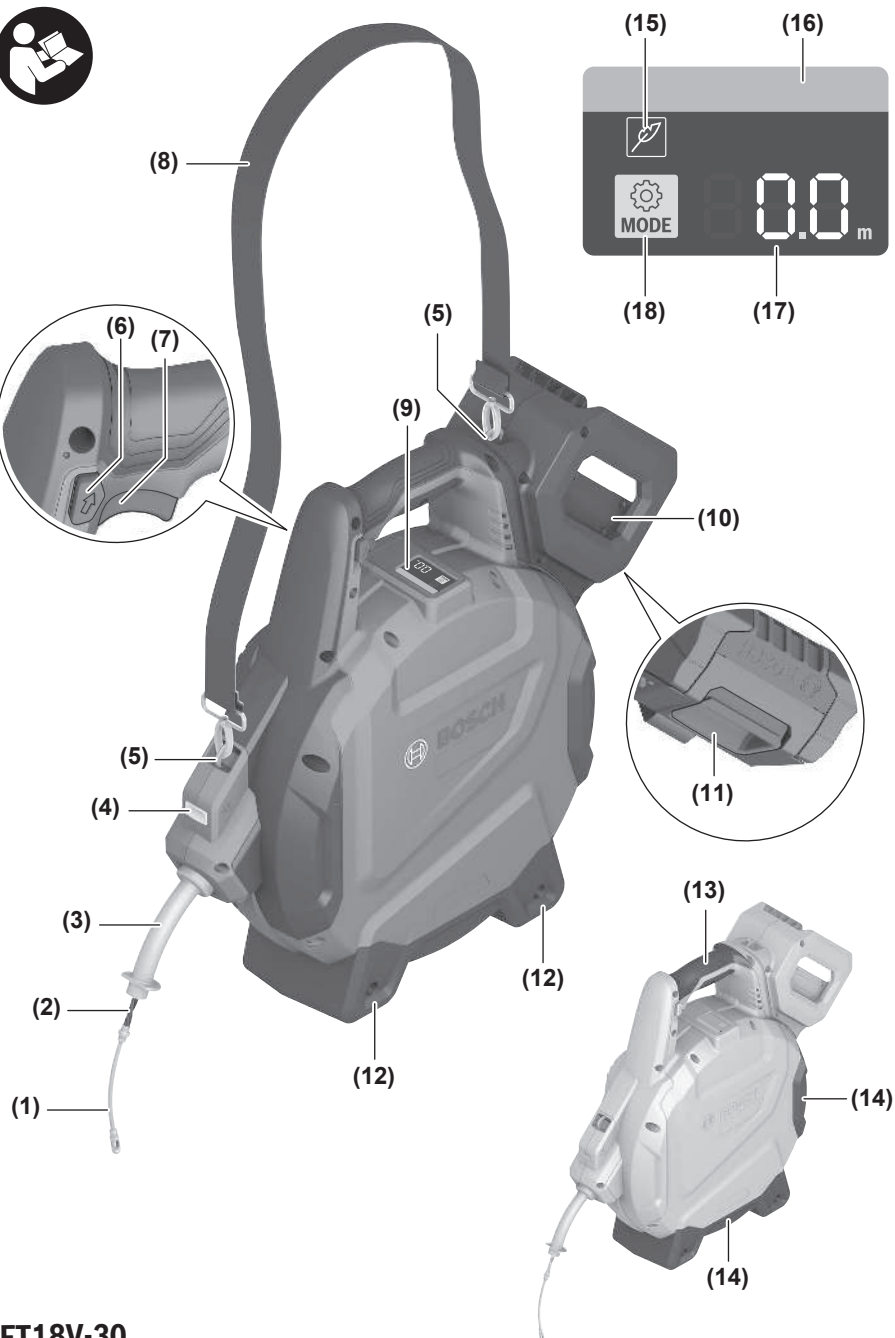
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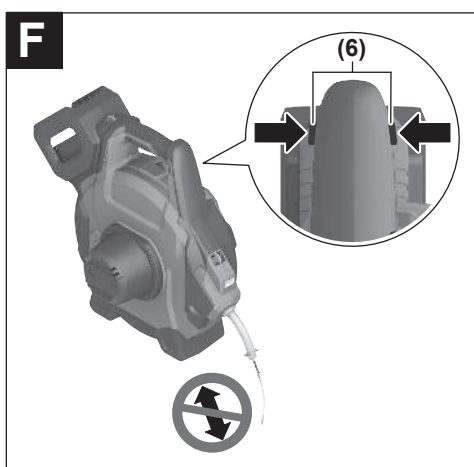
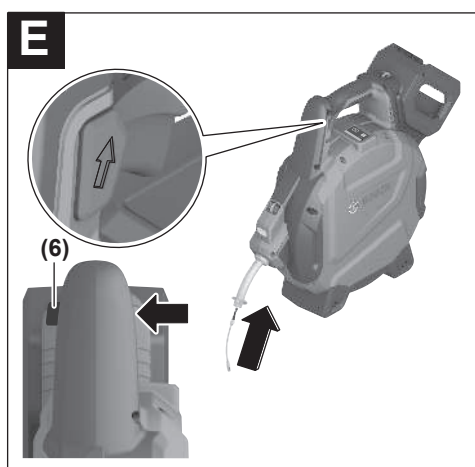
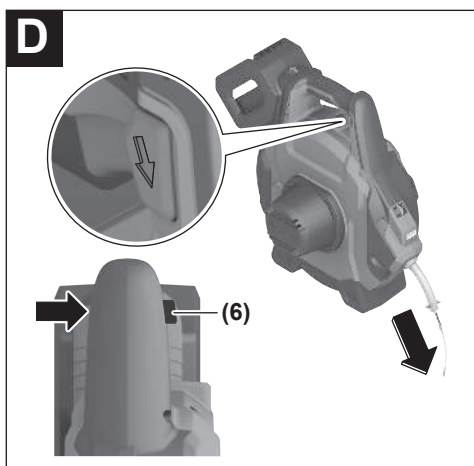
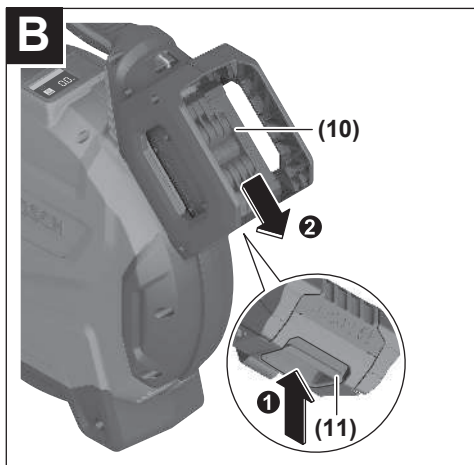
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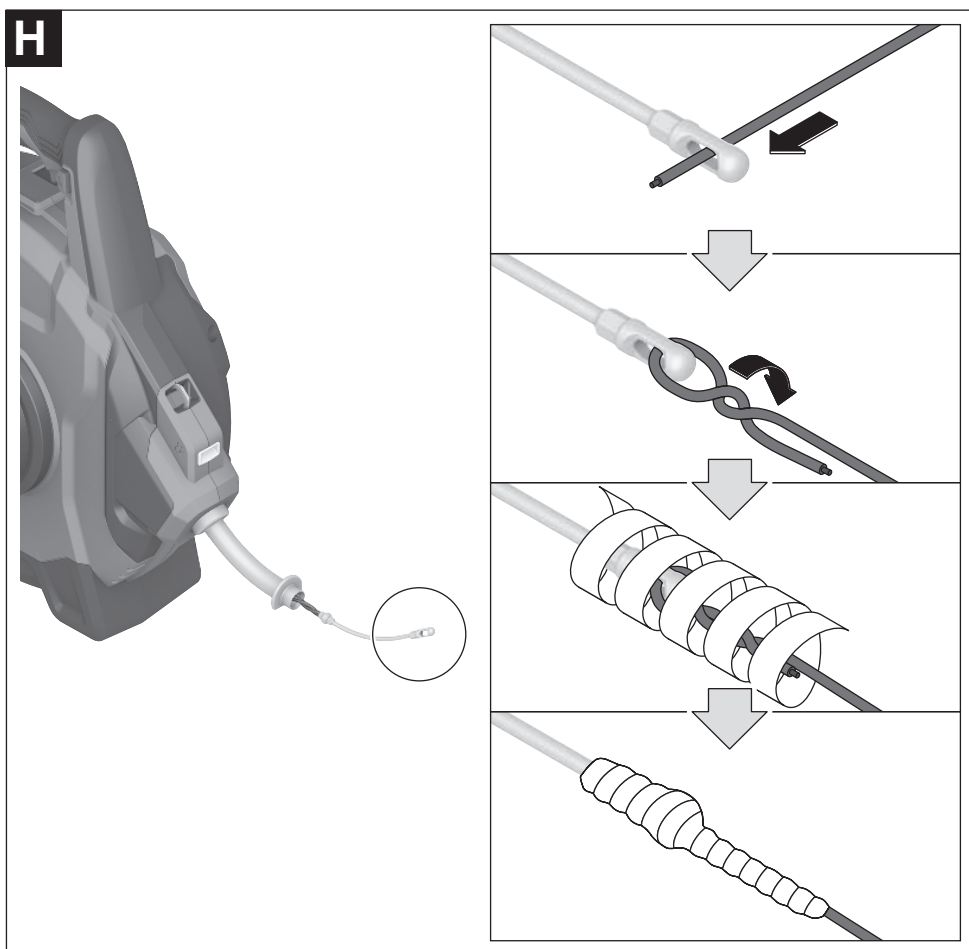
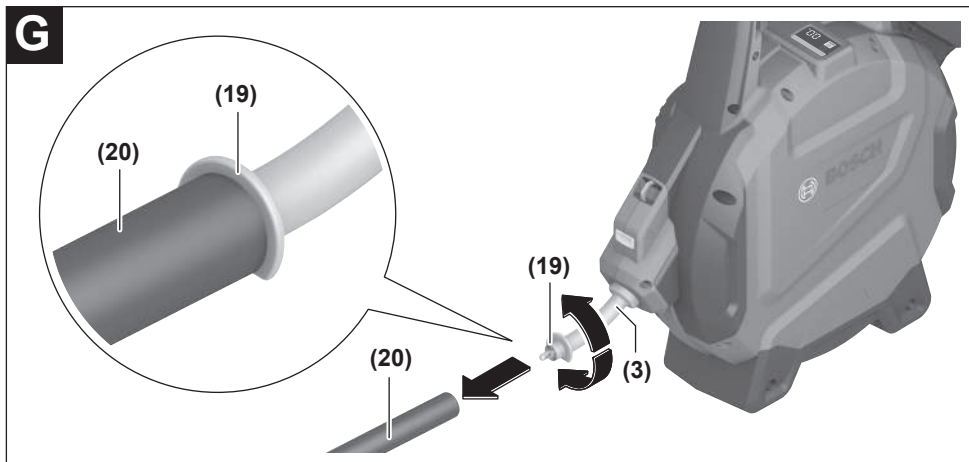


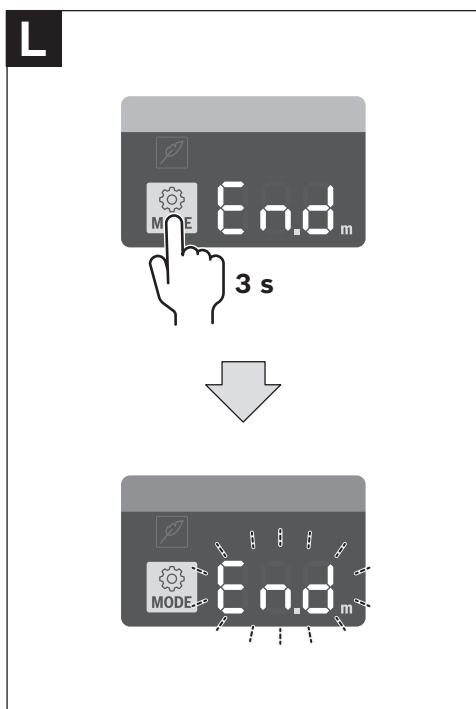
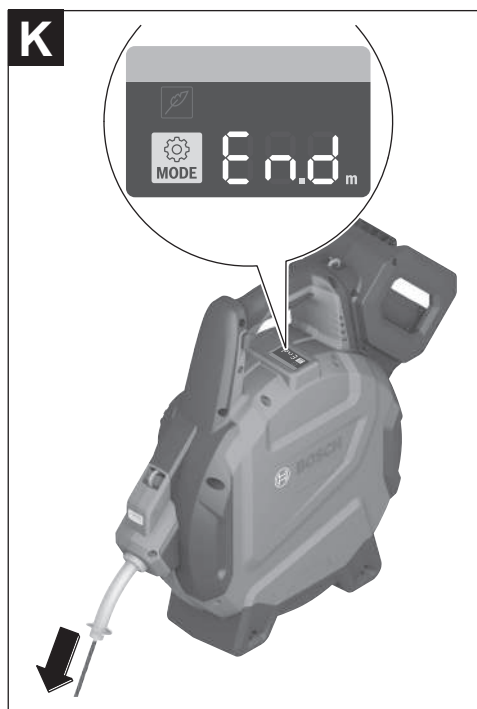
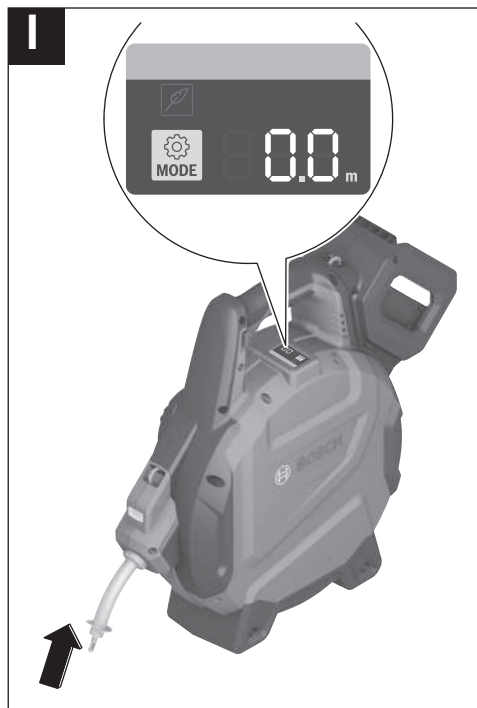


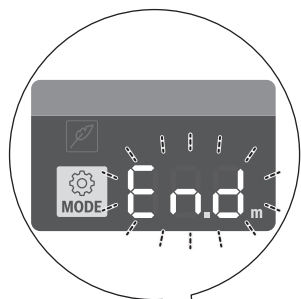


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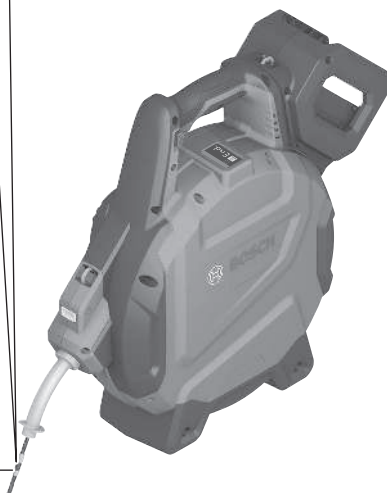
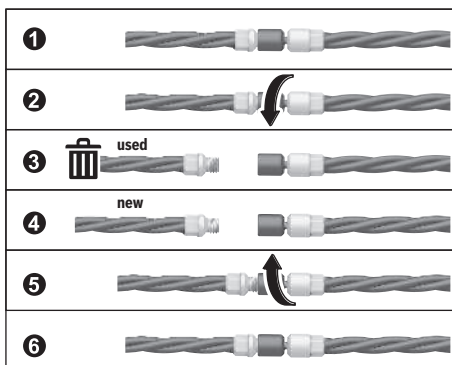
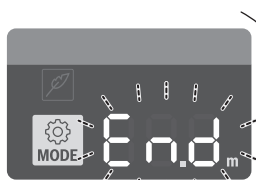






M

(21)

**N**

English

Safety Instructions

General Power Tool Safety Warnings

⚠ WARNING Read all safety warnings, instructions, illustrations and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

Work area safety

- ▶ **Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- ▶ **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.
- ▶ **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

Electrical safety

- ▶ **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.

Personal safety

- ▶ **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.
- ▶ **Use personal protective equipment. Always wear eye protection.** Protective equipment such as a dust mask, non-skid safety shoes, hard hat or hearing protection used for appropriate conditions will reduce personal injuries.
- ▶ **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
- ▶ **Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- ▶ **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.

- ▶ **Dress properly. Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.
- ▶ **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.
- ▶ **Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** A careless action can cause severe injury within a fraction of a second.

Power tool use and care

- ▶ **Do not force the power tool. Use the correct power tool for your application.** The correct power tool will do the job better and safer at the rate for which it was designed.
- ▶ **Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- ▶ **Disconnect the plug from the power source and/or remove the battery pack, if detachable, from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.
- ▶ **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.
- ▶ **Maintain power tools and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.** Many accidents are caused by poorly maintained power tools.
- ▶ **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- ▶ **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.
- ▶ **Keep handles and grasping surfaces dry, clean and free from oil and grease.** Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.

Battery tool use and care

- ▶ **Recharge only with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.

- ▶ **Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
- ▶ **When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another.** Shorting the battery terminals together may cause burns or a fire.
- ▶ **Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.** Liquid ejected from the battery may cause irritation or burns.
- ▶ **Do not use a battery pack or tool that is damaged or modified.** Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.
- ▶ **Do not expose a battery pack or tool to fire or excessive temperature.** Exposure to fire or temperature above 130°C may cause explosion.
- ▶ **Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions.** Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.

Service

- ▶ **Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.
- ▶ **Never service damaged battery packs.** Service of battery packs should only be performed by the manufacturer or authorized service providers.

Safety Instructions for Fish Tapes



Do not use the power tool on live wires or energized conduits. Always use extreme caution when working near electrical equipment. When pulling through conduit that contains other wires, you must ensure that power

to all existing wires has been turned off and disconnected before beginning work.



Do not use the power tool while standing on a ladder. Make sure you have a stable footing and balance when operating the tool. If the fish tape or cable snaps, you could fall or be injured.

- ▶ **Keep hands clear of the gap between the conduit and the rotatable nozzle.** This will help you avoid crush injuries.
- ▶ **When positioning the power tool, especially at height, always properly stow the shoulder strap. Ensure it be away from feet, hands, and other potential snag points.** This prevents entanglement with the shoulder strap and reduces the risk of injury.

- ▶ **Do not use this power tool to lift heavy objects.** Lifting operations may cause loads to fall and result in injuries.
- ▶ **Do not use the power tool to lift objects, as the tape is not designed for this purpose.** Doing so may cause the tool to fall, resulting in serious foot injury and tool damage.
- ▶ **Hold the power tool firmly with both hands and make sure you have a stable footing.** The power tool can be more securely guided with both hands.
- ▶ **Do not direct the power tool at nearby persons during operation.** The tape extending out of the power tool may cause injuries.
- ▶ **Use the holders only to attach a shoulder strap.** The holders for the shoulder strap do not act as fall protection.
- ▶ **Do not push or pull the tape directly by hand during cable threading operations. Instead, maintain a secure grip on the tool.** If a specific situation requires manually handling the tape, you must wear protective gloves to prevent injury.
- ▶ **In case of damage and improper use of the battery, vapours may be emitted. The battery can set alight or explode.** Ensure the area is well ventilated and seek medical attention should you experience any adverse effects. The vapours may irritate the respiratory system.
- ▶ **Do not modify or open the battery.** There is a risk of short-circuiting.
- ▶ **The battery can be damaged by pointed objects such as nails or screwdrivers or by force applied externally.** An internal short circuit may occur, causing the battery to burn, smoke, explode or overheat.
- ▶ **Only use the battery in the manufacturer's products.** This is the only way in which you can protect the battery against dangerous overload.



Protect the rechargeable battery against heat, e.g. including prolonged sun exposure, fire, water, and moisture. There is a risk of explosion and short circuit.

Symbols

The following symbols may be important for the operation of your power tool. Please take note of these symbols and their meaning. Correctly interpreting the symbols will help you to operate the power tool more effectively and safely.

Symbols and their meaning



Tool data logging is enabled in this tool.

Product Description and Specifications



Read all the safety and general instructions.

Failure to observe the safety and general instructions may result in electric shock, fire and/or serious injury.

Please observe the illustrations at the beginning of this operating manual.

Intended use

The power tool is designed for threading electrical wires or cables by feeding and retracting the tape through pre-installed conduits.

Product Features

The numbering of the product features refers to the diagram of the power tool on the graphics page.

- (1) Leader
- (2) Tape
- (3) Rotating nozzle
- (4) Worklight
- (5) Shoulder strap holder
- (6) Switch for tape running direction
- (7) On/off switch
- (8) Shoulder strap
- (9) User interface
- (10) Rechargeable battery^{a)}
- (11) Battery release button^{a)}
- (12) Stand
- (13) Handle (insulated gripping surface)
- (14) Auxiliary grip area (insulated gripping area)
- (15) Soft mode indicator (UI)
- (16) Power tool status indicator (UI)
- (17) Display (UI)
- (18) MODE button (UI) (for setting the working mode)
- (19) Nozzle holder ring
- (20) Conduit^{b)}
- (21) Quick-change connector

- a) **This accessory is not part of the standard scope of delivery.**
- b) **Commercially available (not included in the scope of delivery)**

Technical Data

Fish tape		GFT18V-30
Article number		3 601 J70 0..
Rated voltage	V=	18
Tape: Feeding and retracting speed ^{a)}	m/min	0–33
Tape length	m	30

Fish tape		GFT18V-30
Net weight ^{b)}	kg	7.3
Weight with 15.0 Ah rechargeable battery	kg	8.8
Recommended ambient temperature during charging	°C	0 to +35
Permitted ambient temperature during operation ^{c)} and during storage	°C	–20 to +50
Compatible rechargeable batteries		GBA18V... GBA 18V... ProCORE18V... EXPERT18V... EXBA18V... CORE18V...
Recommended battery chargers		GAL18... GAL 18... GAL 36... GAL12V/18... GAL 12V/18... GAX 18... EXAL18...

A) Measured at 20–25 °C with rechargeable battery **EXBA18V-40**

B) Without rechargeable battery (you can find the battery weight at www.bosch-professional.com)

C) Limited performance at temperatures < 0 °C

Values can vary depending on the product, scope of application and environmental conditions. To find out more, visit www.bosch-professional.com/wac.

Noise/Vibration Information

Noise emission values determined according to **EN 62841-1**.

Typically, the A-weighted noise level of the power tool is: Sound pressure level **80 dB(A)**; sound power level **88 dB(A)**. Uncertainty K = **3 dB**.

Wear hearing protection!

Vibration values a_h (continuous vibrations), p_r (repeated shock vibrations) and uncertainty K determined according to **EN 62841-1**:

$a_h = 0.7 \text{ m/s}^2$, $K = 1.5 \text{ m/s}^2$,

$p_r = 28 \text{ m/s}^2$ ($K = 2 \text{ m/s}^2$)

The vibration level and noise emission value given in these instructions have been measured in accordance with a standardised measuring procedure and can be used to compare power tools. They can also be used for a preliminary estimation of vibration and noise emissions.

The stated vibration level and noise emission value represent the main applications of the power tool. However, if the power tool is used for other applications, with different accessories or is poorly maintained, the vibration level and noise emission value can differ. This can significantly increase the vibration and noise emissions over the total working period.

To estimate vibration and noise emissions accurately, the times when the tool is switched off or when it is running but

not actually being used should also be taken into account. This can significantly reduce vibration and noise emissions over the total working period.

Implement additional safety measures to protect the operator from the effects of vibration, such as servicing the power tool and accessories, keeping their hands warm, and organising workflows correctly.

Rechargeable battery

Bosch sells some cordless power tools without a rechargeable battery. You can tell whether a rechargeable battery is included with the power tool by looking at the packaging.

Charging the battery

► **Use only the chargers listed in the technical data.** Only these chargers are matched to the lithium-ion battery of your power tool.

Note: Lithium-ion rechargeable batteries are supplied partially charged according to international transport regulations. To ensure full rechargeable battery capacity, fully charge the rechargeable battery before using your tool for the first time.

Inserting the battery (see figure A)

Push the charged battery into the battery holder until it clicks into place.

Removing the battery (see figure B)

To remove the rechargeable battery, press the battery release button and pull the battery out. **Do not use force to do this.**

The rechargeable battery has two locking levels to prevent the battery from falling out if the battery release button is pressed unintentionally. The rechargeable battery is held in place by a spring when fitted in the power tool.

Battery charge indicator

Note: Not all battery types have a battery charge indicator.

The green LEDs on the battery charge indicator indicate the state of charge of the battery. For safety reasons, it is only possible to check the state of charge when the power tool is not in operation.

Press the button for the battery charge indicator  or  to show the state of charge. This is also possible when the battery is removed.

If no LED lights up after pressing the button for the battery charge indicator, then the battery is defective and must be replaced.

Rechargeable battery type GBA 18V... | GBA18V...



LED	Capacity
3 × continuous green light	60–100 %

LED	Capacity
2 × continuous green light	30–60 %
1 × continuous green light	5–30 %
1 × flashing green light	0–5 %

Battery model ProCORE18V... | EXPERT18V... | EXBA18V... | CORE18V...



LED	Capacity
5 × continuous green light	80–100 %
4 × continuous green light	60–80 %
3 × continuous green light	40–60 %
2 × continuous green light	20–40 %
1 × continuous green light	5–20 %
1 × flashing green light	0–5 %

Battery defect risk detection

EXPERT18V... | EXBA18V...

In addition to the state of charge of the rechargeable battery, the LEDs on the battery charge indicator can also indicate the risk of a battery defect.

To activate the function, press and hold the button for the battery charge indicator  for 3 seconds. The analysis of the battery is signalled by a moving light on the battery charge indicator. The result of is shown on the battery charge indicator.



1 LED: The rechargeable battery has a high defect risk. Performance and runtime may already be reduced. Replacing the rechargeable battery is recommended.



5 LEDs: The rechargeable battery is in good condition and has a low defect risk.

Please note: The rechargeable battery defect risk assessment works in a binary manner and offers a simplified status assessment, indicating either that the rechargeable battery is in good condition or that the rechargeable battery has an increased defect risk. A percentage of the battery status is not shown.

Recommendations for Optimal Handling of the Battery

Protect the battery against moisture and water.

Only store the battery within a temperature range of –20 to 50 °C. Do not leave the battery in your car in the summer, for example.

Occasionally clean the ventilation slots on the battery using a soft brush that is clean and dry.

A significantly reduced operating time after charging indicates that the battery has deteriorated and must be replaced. Follow the instructions on correct disposal.

Fitting

► **Before carrying out any work on the power tool (e.g. maintenance, tool change etc.), remove the battery from the power tool.** There is risk of injury from unintentionally pressing the on/off switch.

Fitting the shoulder strap (see figure C)

The supplied shoulder strap (8) reduces operator fatigue during work. Hook the shoulder strap (8) into both holders (5).

Dust/Chip Extraction

Dust from materials such as lead-containing coatings, some wood types, minerals and metal can be harmful to one's health. Touching or breathing-in the dust can cause allergic reactions and/or lead to respiratory infections of the user or bystanders.

Certain dust, such as oak or beech dust, is considered carcinogenic, especially in connection with wood-treatment additives (chromate, wood preservative). Materials containing asbestos may only be worked by specialists.

- Provide for good ventilation of the working place.
- It is recommended to wear a P2 filter-class respirator.

Observe the relevant regulations in your country for the materials to be worked.

► **Avoid dust accumulation at the workplace.** Dust can easily ignite.

Operation

- **Do not load the power tool so heavily that it comes to a stop.**
- **Before carrying out any work on the power tool (e.g. maintenance, tool change etc.), remove the battery from the power tool.** There is risk of injury from unintentionally pressing the on/off switch.

Setting Working Mode

The power tool offers two working modes for various applications.

Working mode	Function/recommended application
Standard mode Soft mode indicator is not lit 	In standard mode, the power tool works at maximum power. Use standard mode for general cable threading tasks.
Soft mode Soft mode indicator is lit 	In soft mode, the power tool operates at reduced power. Use soft mode for delicate cables or when a lower tape speed is required.

To switch between working modes, with the user interface (9) switched on, press the MODE button (18).

Note: Only change the working mode when the power tool is switched off and the status indicator (16) is lit green. To activate the user interface (9), press the MODE button (18) or the on/off switch (7).

Setting the tape direction (see figures D-F)

The direction of travel of the tape (2) can be changed using the switch (6). However, this is not possible while the on/off switch (7) is being pressed. Only operate the switch (6) when the power tool is switched off.

- **Feeding:** To feed the tape (2) into the conduit, press the switch (6) all the way to the left (see figure D).
- **Retracting:** To retract the tape (2) from the conduit, press the switch (6) all the way to the right (see figure E).
- **Note:** If the switch (6) is in the centre position, the on/off switch (7) is blocked (see figure F). Always centre the switch (6) when the power tool is not in operation to prevent accidental triggering.

Switching on/off

To **start** the power tool, press and hold the on/off switch (7).

The worklight (4) lights up when the on/off switch (7) is lightly or fully pressed, allowing the work area to be illuminated in poor lighting conditions.

To **switch off** the power tool, release the on/off switch (7).

Adjusting the Tape Speed

You can adjust the speed of the tape during operation by pressing in the on/off switch (7) to varying extents. Slight pressure on the on/off switch (7) results in a low tape speed. Increased pressure on the switch causes an increase in tape speed.

Cable threading

- Select the required working mode.
- Set the feed direction by pressing the switch (6) all the way to the left (see figure D).
- Turn the nozzle (3) to a suitable working angle, ensuring that the nozzle holder ring is firmly seated at the end of the conduit (see figure (19) G).
- Press the on/off switch (7). Hold the power tool firmly and apply adequate pressure to counteract unexpected resistance during feeding.
- Release the on/off switch (7) as soon as the tape (2) has been fed completely through the conduit.
- Securely attach the cable to the tape (2) (see figure H). It is recommended to wrap the connection with insulating tape to prevent it from coming loose when the cable is being threaded.
- Before retracting in the cable, ensure that the other end of the cable is properly attached and free of obstacles.
- Set the retract direction by pressing the switch (6) all the way to the right (see figure E).

- Press and hold the on/off switch **(7)** until the tape **(2)** stops automatically. Then it is fully retracted to its starting position.

Note: Never apply lubricant to the tape **(2)** during operation, as this may reduce the pulling force and impair the function of the power tool.

User Interface

The user interface **(9)** is used to:

- Display the tape length outside the power tool (see "Displaying the Tape Length Outside the Power Tool", page 13)

- Display the status of the power tool (see "Status Indicators", page 13)
- Set the working mode (see "Setting Working Mode", page 12)
- Help with tape replacement (see "Replacing the tape (see figures I-N)", page 14)

Displaying the Tape Length Outside the Power Tool

The display **(17)** shows how long the tape **(2)** protrudes from the power tool (during feeding and retracting).

Note: To ensure counting accuracy, it is recommended that the tape be retracted completely before starting a new job. This resets the automatic stop to zero.

Status Indicators

The following table describes the status indicators on the user interface **(9)**.

Power tool status indicator (16)	Indicator in the display (17)	Meaning/cause	Solution
Green	Real-time value	Status OK. The power tool operates in feed or retract.	–
Green	End flashes	Status OK. The power tool switches to tape change mode.	–
Yellow	0.0 m	The tape has been completely retracted. The power tool stops automatically.	Release the on/off switch (7) and press the switch (6) all the way to the left (feeding). Then press the on/off switch (7) again.
Yellow	End lights up	The workable feed limit is reached. The power tool stops automatically.	Release the on/off switch (7) and press the switch (6) all the way to the right (retracting). Then press the on/off switch (7) again. Press and hold the MODE button (18) for 3 seconds until the power tool switches to tape change mode.
Yellow	End flashes	The full feed limit is reached. The power tool stops automatically.	Release the on/off switch (7) and press the switch (6) all the way to the right (retracting). Then press the on/off switch (7) again.
Red	No display	The power tool has overheated or the rechargeable battery is empty.	Allow the power tool to cool down, or replace or charge the rechargeable battery.
		The power tool has overloaded.	Due to improper conduit setup, the pulling force becomes too great. Try pulling slowly and carefully, applying only light pressure to the on/off switch (7) . If the problem persists, check the conduit layout. This may require disconnecting the conduit sections to remove the tape (2) and cable.
		Motor stalls or insufficient battery power	Charge the battery or use the recommended battery type.
		General error	Switch the power tool off and on again or remove the rechargeable battery and reinsert it. If the error persists, send the power tool to an authorised after-sales service centre for Bosch -power tools.

Working Advice

Rotating nozzle (see figure G)

The rotating nozzle **(3)** can be adjusted to 12 positions and thus adapts to different conduit directions. The nozzle retaining ring presses against the conduit opening to minimise user fatigue.

Automatic Stop

The automatic stop prevents damage caused by excessive feeding or retracting.

The power tool switches off when the tape is fully retracted or fed.

Maintenance and Service

Maintenance and Cleaning

- **Before carrying out any work on the power tool (e.g. maintenance, tool change etc.), remove the battery from the power tool.** There is risk of injury from unintentionally pressing the on/off switch.
- **To ensure safe and efficient operation, always keep the power tool and the ventilation slots clean.**

Cleaning the Tape

Wipe the tape **(2)** regularly with a dry cloth. During maintenance or operation, no lubricants should be applied to the tape, as this can reduce the pulling force and impair the function of the power tool.

Replacing the tape (see figures I-N)

When the tape **(2)** get kinked or worn, it may impact cable threading performance, and you may need to replace a new tape. To do this, follow below steps:

- Pull back the tape **(2)** until the power tool stops automatically (see figure **I**).
- Press the switch **(6)** all the way to the left (feeding) (see figure **J**).
- Press the on/off switch **(7)** until the tape **(2)** is fully extended, stops automatically and the display **(17)** shows **End** and a yellow status indicator **(16)** (see figure **K**).
- Press and hold the MODE button **(18)** for 3 seconds until the status indicator **(16)** lights up green and **End** flashes in the display **(17)** (see figure **L**).
- Continue to press the on/off switch **(7)** until the connector is extended (see figure **M**).
- Unscrew the connector and remove the old tape **(2)** (see figure **M**).
Note: Never pull back the tape **(2)** when it is not connected. This can cause irreversible damage to the power tool.
- Screw the new tape **(2)** into the connector (see figure **M**).
Note: The power tool is not compatible with third-party tapes. Only use original replacement tapes from **Bosch**.
- Press the switch **(6)** all the way to the right (retracting) and hold down the on/off switch **(7)** until the new tape **(2)** is pulled all the way through and stops automatically (see figure **N**).

After-Sales Service and Application Service

Great Britain

Tel. Service: (0344) 7360109

GB Importer:

Robert Bosch Ltd.
Broadwater Park
North Orbital Road
Uxbridge
UB9 5HJ

Malaysia

Tel.: (03) 79663194

You can find the link to our service addresses and warranty conditions on the last page.

In all correspondence and spare parts orders, please always include the 10-digit article number given on the nameplate of the product.

Disposal

Power tools, rechargeable batteries, accessories and packaging should be sorted for environmental-friendly recycling.



Do not dispose of power tools and batteries/rechargeable batteries into household waste!

Only for EU countries and United Kingdom:

Electrical and electronic equipment or used batteries that are no longer suitable for use must be collected separately and disposed of in an environmentally friendly manner. Use the designated collection systems. Incorrect disposal may cause harmful effects on the environment and human health, due to the potential presence of hazardous substances.



1 619 PF0 904



1 619 PC8 950

Legal Information and Licenses

1 - Open Source Components

1.1 - Infineon TLE987x DFP - BSD-3-Clause 1.4.6

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1.6 - picolibc 1.8.8

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