



Professional HEAVY DUTY

GFT18V-30

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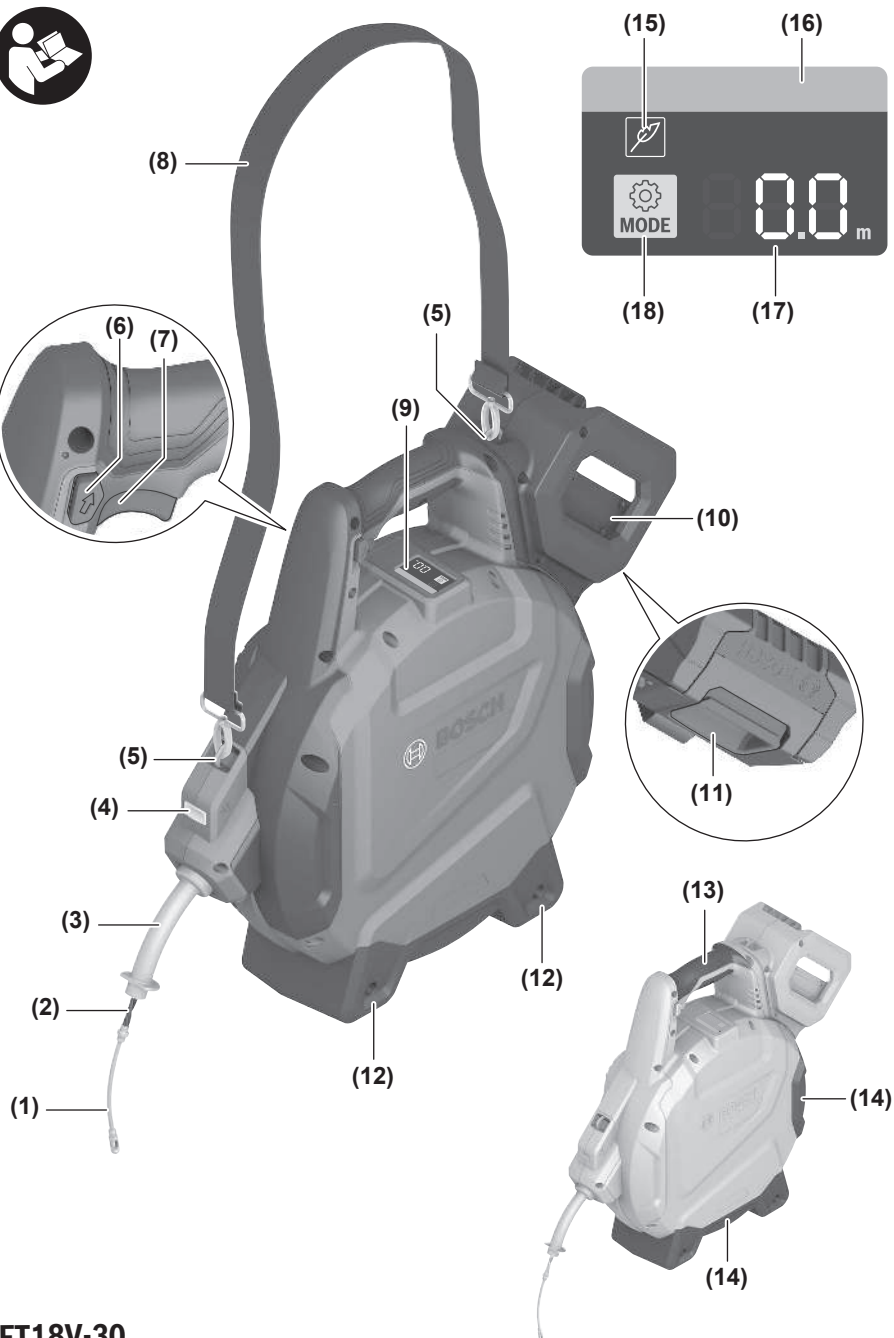


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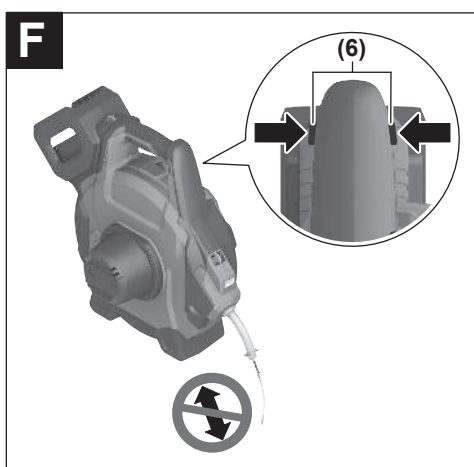
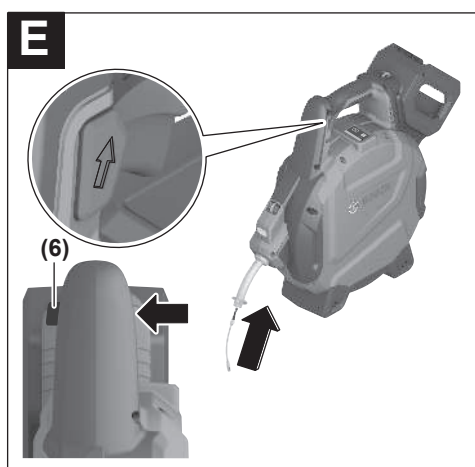
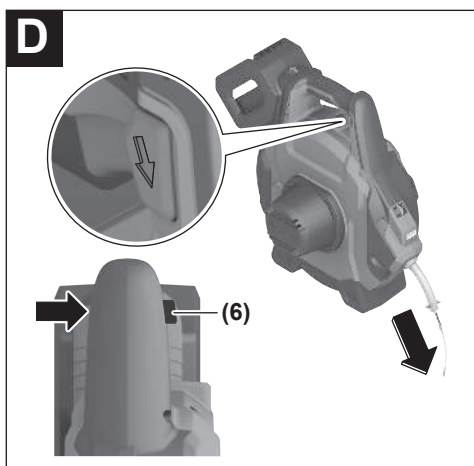
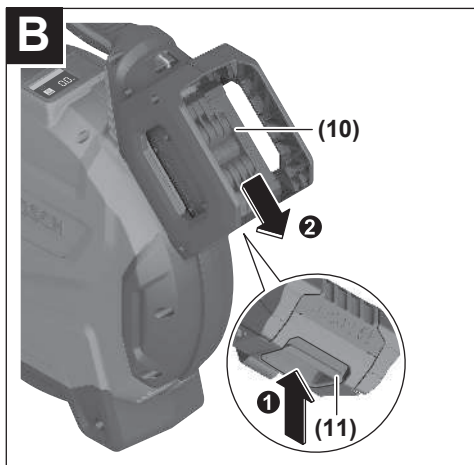


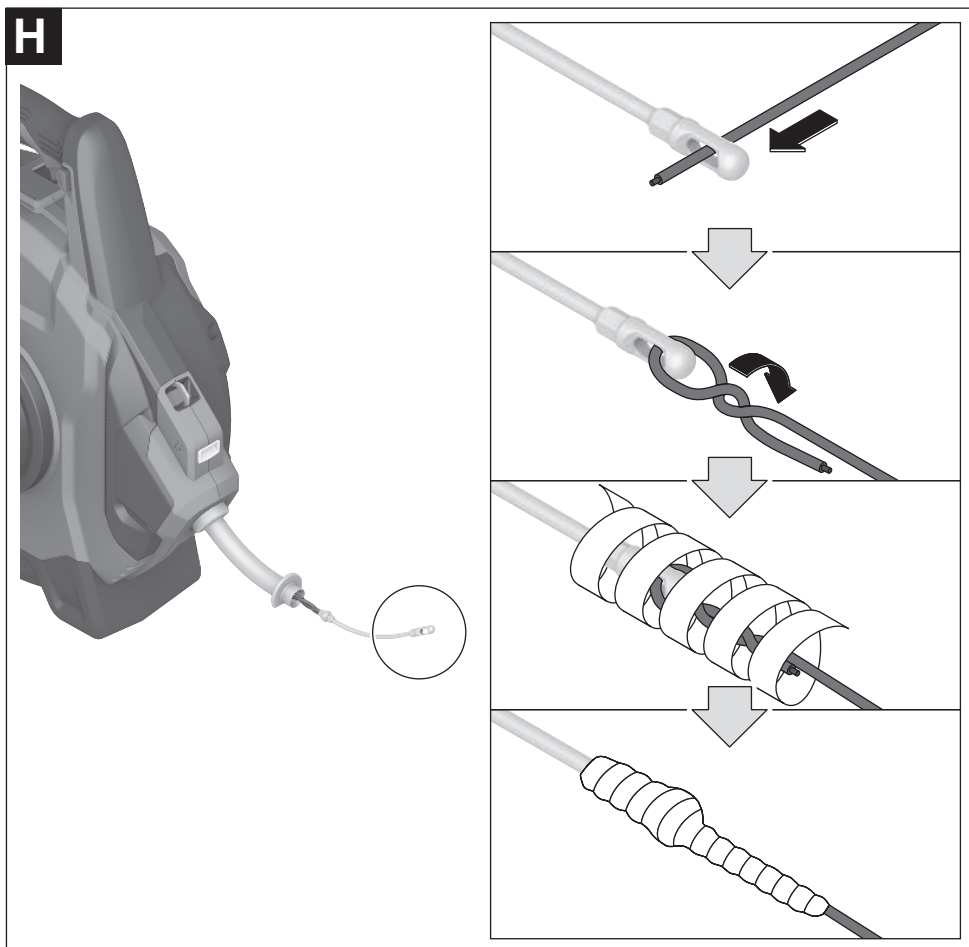
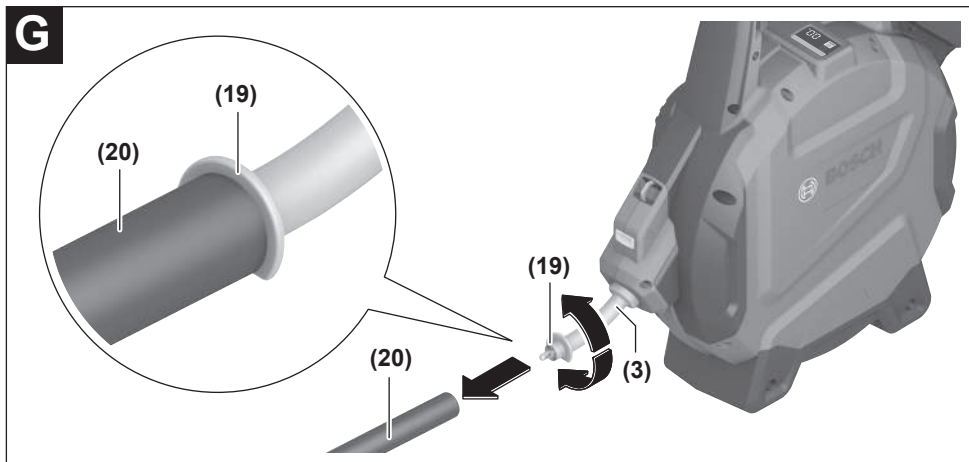
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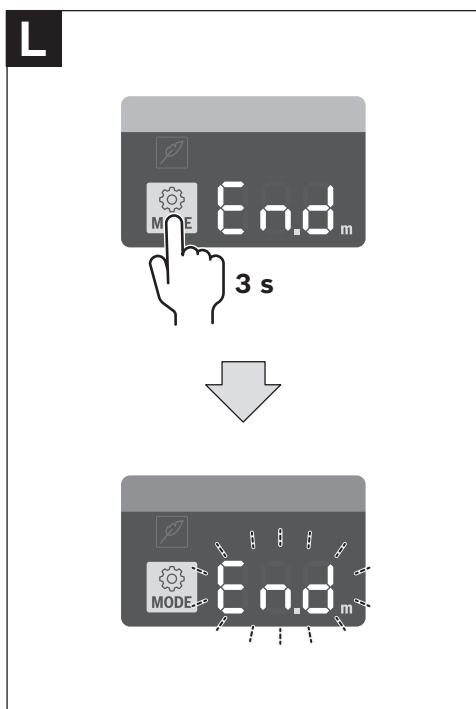
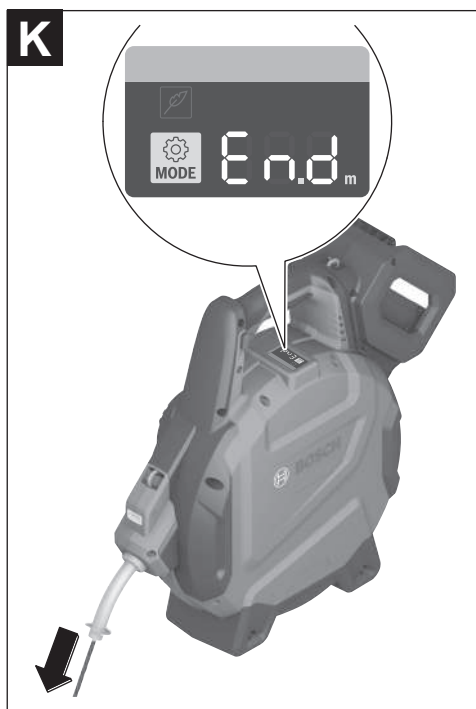


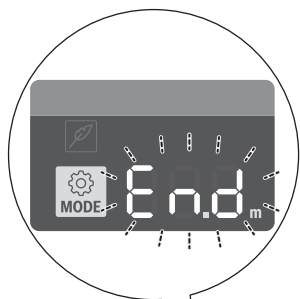


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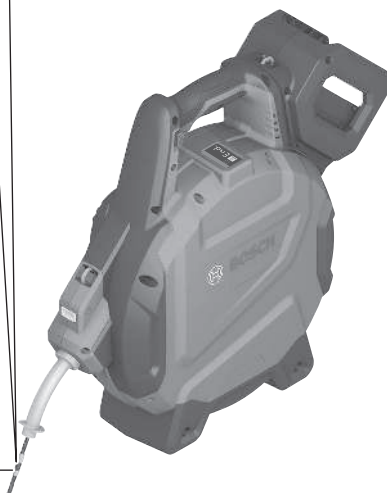
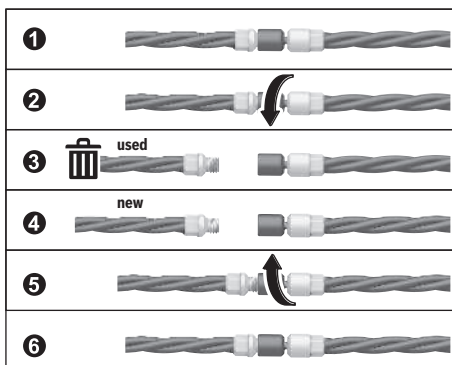
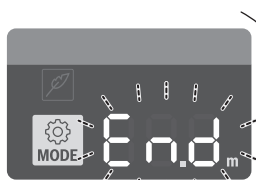






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中文

安全规章

电动工具通用安全警告

警告！ 阅读所有警告和所有说明！不遵照以下警告和说明会导致电击、着火和 / 或严重伤害。

保存所有警告和说明书以备查阅。

在所有下列的警告中术语“电动工具”指市电驱动（有线）电动工具或电池驱动（无线）电动工具。

工作场地的安全

- ▶ 保持工作场地清洁和明亮。混乱和黑暗的场地会引发事故。
- ▶ 不要在易爆环境，如有易燃液体、气体或粉尘的环境下操作电动工具。电动工具产生的火花会点燃粉尘或气体。
- ▶ 让儿童和旁观者离开后操作电动工具。注意力不集中会使操作者失去对工具的控制。

电气安全

- ▶ 电动工具插头必须与插座相配。绝不能以任何方式改装插头。需接地的电动工具不能使用任何转换插头。未经改装的插头和相配的插座将减少电击危险。
- ▶ 避免人体接触接地表面，如管道、散热片和冰箱。如果你身体接地会增加电击危险。
- ▶ 不得将电动工具暴露在雨中或潮湿环境中。水进入电动工具将增加电击危险。
- ▶ 不得滥用电线。绝不能用电线搬运、拉动电动工具或拔出其插头。使电线远离热源、油、锐边或运动部件。受损或缠绕的软线会增加电击危险。
- ▶ 当在户外使用电动工具时，使用适合户外使用的外接软线。适合户外使用的软线将减少电击危险。
- ▶ 如果在潮湿环境下操作电动工具是不可避免的，应使用剩余电流动作保护器（RCD）。使用RCD可减少电击危险。

人身安全

- ▶ 保持警觉，当操作电动工具时关注所从事的操作并保持清醒。当你感到疲倦，或在有药物、酒精或治疗反应时，不要操作电动工具。在操作电动工具时瞬间的疏忽会导致严重人身伤害。
- ▶ 使用个人防护装置。始终佩戴护目镜。安全装置，诸如适当条件下使用防尘面具、防滑安全鞋、安全帽、听力防护等装置能减少人身伤害。
- ▶ 防止意外启动。确保开关在连接电源和/或电池盒、拿起或搬运工具时处于关闭位置。手指放在已接通电源的开关上或开关处于接通时插入插头可能会导致危险。
- ▶ 在电动工具接通之前，拿掉所有调节钥匙或扳手。遗留在电动工具旋转零件上的扳手或钥匙会导致人身伤害。

- ▶ 手不要伸展得太长。时刻注意立足点和身体平衡。这样在意外情况下能很好地控制电动工具。
- ▶ 着装适当。不要穿宽松衣服或佩戴饰品。让衣服、手套和头发远离运动部件。宽松衣服、配饰或长发可能会卷入运动部件中。
- ▶ 如果提供了与排屑、集尘设备连接用的装置，要确保他们连接完好且使用得当。使用这些装置可减少尘屑引起的危险。
- ▶ 即使由于经常使用电动工具而对此非常熟悉，也不要就认为可以高枕无忧而忽略工具的安全规定。粗心大意的行为可能在瞬间就造成严重的伤害。

电动工具使用和注意事项

- ▶ 不要滥用电动工具，根据用途使用适当的电动工具。选用适当设计的电动工具会使你工作更有效、更安全。
- ▶ 如果开关不能接通或关断工具电源，则不能使用该电动工具。不能用开关来控制的电动工具是危险的且必须进行修理。
- ▶ 在进行任何调节、更换附件或贮存电动工具之前，必须从电源上拔掉插头和/或使电池盒与工具脱开。这种防护性措施将减少工具意外起动的危险。
- ▶ 将闲置不用的电动工具贮存在儿童所及范围之外，并且不要让不熟悉电动工具或对这些说明不了解的人操作电动工具。电动工具在未经培训的用户手中是危险的。
- ▶ 保养电动工具。检查运动件是否调整到位或卡住，检查零件破损情况和影响电动工具运行的其他状况。如有损坏，电动工具应在使用前修理好。许多事故由维护不良的电动工具引发。
- ▶ 保持切削刀具锋利和清洁。保养良好的有锋利切削刃的刀具不易卡住而且容易控制。
- ▶ 按照使用说明，考虑作业条件和进行的作业来使用电动工具、附件和工具的刀头等。将电动工具用于那些与其用途不符的操作可能会导致危险。
- ▶ 保持手柄和握持表面干燥、清洁、无油污。在突发情况下，滑溜的手柄和握持表面无法确保安全地握持和控制工具。

电池式工具使用和注意事项

- ▶ 只用制造商规定的充电器充电。将适用于某种电池盒的充电器用到其他电池盒时会发生着火危险。
- ▶ 只有在配有专用电池盒的情况下才使用电动工具。使用其他电池盒会发生损坏和着火危险。
- ▶ 当电池盒不用时，将它远离其他金属物体，例如回形针、硬币、钥匙、钉子、螺钉或其他小金属物体，以防一端与另一端连接。电池端部短路会引起燃烧或火灾。
- ▶ 在滥用条件下，液体会从电池中溅出；避免接触。如果意外碰到了，用水冲洗。如果液体碰到了眼睛，还要寻求医疗帮助。从电池中溅出的液体会发生腐蚀或燃烧。

- ▶ **不要使用损坏的或更改过的电池组或工具。**损坏或更改过的电池可能导致不可预料的情况发生，有着火、爆炸或受伤的风险。
- ▶ **不要将电池组或工具暴露于火焰或高温情况下。**火焰或超过 130 °C 的温度可能会引起爆炸。
- ▶ **遵守所有充电说明，给电池组或工具充电时不要超出说明中规定的温度范围。**错误充电或温度超出规定的范围可能会损坏电池并提高着火的风险。

维修

- ▶ **将你的电动工具送交专业维修人员，使用同样的备件进行修理。**这样将确保所维修的电动工具的安全性。
- ▶ **决不能维修损坏的电池包。**电池包仅能由生产者或其授权的维修服务商进行维修。

拉线装置安全规章



切勿在带电管道上使用电动工具。如果将电缆拉入已有其他管道的管道，必须在开始工作前确保断开所有现有管道的电源。



切勿在梯子上使用电动工具。请在站稳且保持平衡的状态下操作工具。如果卷尺或电缆断裂，可能造成掉落或受伤的危险。

- ▶ **请将双手远离管道和旋转喷嘴之间的缝隙。**由此可避免挤压伤。
- ▶ **在定位电动工具，尤其在高处时，请务必正确固定好肩带。确保其不与脚部、手部或其他潜在的危险位置接触。**由此以防被肩带缠绕，降低受伤风险。
- ▶ **切勿用本电动工具抬起重物。**抬起过程可能导致重物掉落，从而导致受伤。
- ▶ **切勿用电动工具抬起物品，因为卷尺不是为此而设计的。**因此电动工具可能掉落，从而可能导致脚部重伤和电动工具损坏。
- ▶ **请用双手牢牢握住电动工具并站稳。**通过双手可以更安全地引导电动工具。
- ▶ **切勿在运行期间将电动工具对准附近的人。**从电动工具中突出的卷尺可能造成伤害。
- ▶ **支架只能用于固定肩带。**肩带支架不可用作防坠落装置。
- ▶ **穿入电缆时不要直接用手推动或拉动卷尺。而是通过手柄牢牢握住工具。**在特定情况下需要手动操作测量卷尺，请务必佩戴防护手套，以免受伤。
- ▶ **如果充电电池损坏或者未按照规定使用，充电电池中会散发出有毒蒸汽。充电电池可能会燃烧或爆炸。**工作场所必须保持空气流通，如果身体有任何不适必须马上就医。蒸汽会刺激呼吸道。
- ▶ **切勿改装并打开充电电池。**可能造成短路。
- ▶ **钉子、螺丝刀等尖锐物品或外力作用可能会损坏充电电池。**有可能出现内部短路、蓄电池燃烧、发出烟雾、爆炸或过热。
- ▶ **仅在制造商的产品中使用充电电池。**这样才能确保充电电池不会过充。



保护充电电池避免高温（例如长期阳光照射）、火焰、脏污、水和湿气的侵害。有爆炸和短路的危险。

图标

以下符号可以帮助您正确地使用本电动工具。请牢记各符号和它们的代表意思。正确了解各符号的代表意思，可以帮助您更有把握更安全地操作本电动工具。

图标及其含义



数据记录功能在本电动工具上已激活。

产品和性能说明



请阅读所有安全规章和指示。不遵照以下警告和说明可能导致电击、着火和/或严重伤害。

请注意本使用说明书开头部分的图示。

按照规定使用

该电动工具用于通过预装的通道进给和回退卷尺，从而拉入电线或电缆。

插图上的机件

机件的编号和电动工具详解图上的编号一致。

- (1) 导向头
- (2) 卷尺
- (3) 旋转喷嘴
- (4) 工作灯
- (5) 肩带支架
- (6) 卷尺方向转换开关
- (7) 起停开关
- (8) 肩带
- (9) 用户界面
- (10) 充电电池^{a)}
- (11) 充电电池的解锁按钮^{a)}
- (12) 支撑脚
- (13) 手柄（绝缘握柄）
- (14) 额外的抓握区域（绝缘抓握区域）
- (15) 软模式显示（UI）
- (16) 电动工具状态显示（UI）
- (17) 显示屏（UI）
- (18) 模式按钮（UI）（用于设置工作模式）
- (19) 喷嘴固定环
- (20) 管道^{b)}

(21) 快速更换连接器

- a) 该附件并不包含在基本的供货范围内。
- b) 市售 (不包含在供货范围之内)

技术参数

拉线装置		GFT18V-30
物品代码		3 601 JTO 0..
额定电压	伏特=	18
卷尺: 进给和回退速度 ^{A)}	米/分钟	0-33
卷尺长度	米	30
净重 ^{B)}	公斤	7.3
含15安培小时充电电池的 重量	公斤	8.8
充电时建议的环境温度	摄氏度	0至+35
工作时和存放时允许的环 境温度 ^{C)}	摄氏度	-20至+50
兼容的充电电池		GBA18V... GBA 18V... ProCORE18V... EXPERT18V... EXBA18V... CORE18V...
推荐的充电器		GAL 18... GAL 18... GAL 36... GAL 12V/18... GAL 12V/18... GAX 18... EXAL18...

- A) 在20-25摄氏度的条件下带充电电池EXBA18V-40测得
- B) 不含充电电池 (充电电池重量请查看 www.bosch-professional.com)
- C) 温度<0摄氏度时功率受限
- 数值可能因不同产品而异，并且受到应用和环境条件影响。更多信息请参见www.bosch-professional.com/wac。

充电电池

Bosch也销售不带充电电池的充电式电动工具。您可以在包装上查看电动工具的供货范围内是否包含充电电池。

为充电电池充电

- 请只使用在技术参数中列出的充电器。只有这些充电器才适用于本电动工具上的锂离子电池。
- 提示: 鉴于国际运输规定，锂离子充电电池在交货时只完成部分充电。首度使用电动工具之前，必须先充满充电电池的电量以确保充电电池的功率。

安装充电电池 (参见插图A)

将充好电的充电电池推入电池座，直到嵌入。

取出充电电池 (参见插图B)

如需取下充电电池，则请按压解锁按钮，然后拔出充电电池。在此过程中请勿过度用力。

充电电池具备双重锁定功能，即使不小心触动了充电电池的解锁按钮，充电电池也不会从机器中掉落下来。只要充电电池安装在电动工具中，就会被弹簧固定在其位置上。

充电电池电量指示灯

提示: 并非每种充电电池型号均具备电量指示灯。充电电池电量指示灯的绿色LED灯显示充电电池的电量。基于安全原因，只能在电动工具静止时检查充电电池的电量。

按压充电电量指示灯按键或，来显示充电电量。也可以在充电电池取下时操作。

如果按压充电电量指示灯按键后没有LED灯亮起，则说明充电电池损坏，必须进行更换。

充电电池型号GBA 18V... | GBA18V...



LED	电量
3个绿灯长亮	60-100 %
2个绿灯长亮	30-60 %
1个绿灯长亮	5-30 %
1个绿灯闪烁	0-5 %

充电电池类型 ProCORE18V... | EXPERT18V... | EXBA18V... | CORE18V...



LED	电量
5个绿灯长亮	80-100 %
4个绿灯长亮	60-80 %
3个绿灯长亮	40-60 %
2个绿灯长亮	20-40 %
1个绿灯长亮	5-20 %
1个绿灯闪烁	0-5 %

充电电池损坏风险识别

EXPERT18V... | EXBA18V...

充电电池电量指示灯的LED除了可以显示充电电池电量之外，还可以显示充电电池损坏的风险。

如需激活该功能，按住电量指示灯按钮3秒钟。充电电池的分析通过充电电池电量指示灯顺序发光来显示。结果以充电电池电量指示灯显示。

 **1个LED:** 充电电池的损坏风险较高。功率和运行时间可能已经降低。建议更换充电电池。

 **5个LED:** 充电电池处于良好状态，损坏风险较低。

请注意：充电电池损坏风险评估功能分两档运行，提供简单的状态评价。充电电池要么被评价为状态良好，要么就是具有较高的损坏风险。不显示电池状态的百分比。

如何正确地使用充电电池

保护充电电池，避免湿气和水分渗入。

充电电池必须储存在-20 °C至50 °C的环境中。夏天不得将充电电池搁置在汽车中。

不时地地使用柔软、清洁而且干燥的毛刷清洁充电电池的通气孔。

充电后如果充电电池的使用时间明显缩短，代表充电电池已经损坏，必须更换新的充电电池。

请注意有关作废处理的规定。

安装

► **对电动工具执行任何操作（比如保养、更换刀具等）前需将充电电池从电动工具中取出。**意外操作起停开关可能会造成伤害。

安装肩带（参见插图C）

提供的肩带(8)可减轻操作员工作时的疲劳。将肩带(8)钩住两个支架(5)。

吸锯尘/吸锯屑

含铅的颜料以及某些木材、矿物和金属的加工废尘有害健康。机器操作者或者工地附近的人如果接触、吸入这些废尘，可能会有过敏反应或者感染呼吸道疾病。

某些尘埃（例如加工橡木或山毛榉的废尘）可能致癌，特别是和处理木材的添加剂（例如木材的防腐剂等）结合之后。只有经过专业训练的人才能够加工含石棉的物料。

– 工作场所要保持空气流通。

– 最好佩戴P2滤网等级的口罩。

请留心并遵守贵国和加工物料有关的法规。

► **避免让工作场所堆积过多的尘垢。**尘埃容易被点燃。

运行

► **勿让电动工具因为过载而停止转动。**

► **对电动工具执行任何操作（比如保养、更换刀具等）前需将充电电池从电动工具中取出。**意外操作起停开关可能会造成伤害。

设置工作模式

该电动工具提供两种工作模式，适用于不同的应用。

工作模式	功能/推荐的应用
标准模式 软模式显示不亮 	在标准模式下，电动工具以最大功率运行。使用标准模式执行一般的拉线任务。

工作模式	功能/推荐的应用
软模式 软模式显示亮起 	在软模式下，电动工具以低功率运行。对于敏感电缆或需要较慢的卷尺速度时，使用软模式。

要在工作模式之间进行切换，请在用户界面(9)打开时按下模式按钮(18)。

提示：只有在电动工具关闭且状态指示灯(16)绿灯亮起时才能更改工作模式。要激活用户界面(9)，请按下模式按钮(18)或起停开关(7)。

设置卷尺运行方向（参见插图D-F）

您可以使用转换开关(6)改变卷尺(2)的运行方向。但是，只要按下起停开关(7)，就无法实现这一点。只有在电动工具关闭时，才能操作转换开关(6)。

– **进给：**要将卷尺(2)送入通道，请将转换开关(6)向左按到底（参见插图D）。

– **回退：**要从通道上回缩卷尺(2)，请将转换开关(6)向右按到底（参见插图E）。

– **提示：**如果转换开关(6)位于中心位置，则起停开关(7)将被锁住（参见插图F）。电动工具不工作时，请始终将转换开关(6)置于中心，以防意外触发。

开/关闭

将电动工具**投入使用时**，请按压起停开关(7)并按住。

轻按或是把电源开关(7)按到底时，工作灯(4)会亮起，在照明状况不佳的环境中可以借此照亮工作区域。

如要**关闭**电动工具，请松开电源开关(7)。

设置卷尺速度

运行期间可以无级调节卷尺速度，视按压起停开关(7)的力道程度决定。

以较小的力按压起停开关(7)时，卷尺速度较低。逐渐在开关上加压，卷尺速度也会跟着提高。

拉入电缆

– 选择所需的工作模式。

– 将转换开关(6)向左按到底，设置进给速度（参见插图D）。

– 将喷嘴(3)转到合适的工作角度，并确保喷嘴固定环(19)牢固连接到管道末端（参见插图G）。

– 按下起停开关(7)。牢牢握住电动工具并施加适当的压力，以抵消进给过程中的意外阻力。

– 一旦卷尺(2)完全通过管道，立即松开起停开关(7)。

– 将电缆牢固地安装到卷尺(2)上（参见插图H）。建议用绝缘胶带缠绕连接处，以防在回退过程中松脱。

– 在拉入电缆之前，确保电缆的另一端已正确连接，并且没有障碍物。

- 将转换开关**(6)**向右按到底，设置回退速度（参见插图**E**）。
- 按下起停开关**(7)**，直到卷尺**(2)**自动停止。然后其完全缩回到起始位置。

提示：在操作过程中，切勿在卷尺**(2)**上涂抹润滑油，否则会降低拉力并影响电动工具的功能。

用户界面

用户界面**(9)**用于：

- 显示电动工具外的卷尺长度(参见“显示电动工具外的卷尺长度”，页 12)

状态指示灯

下表描述了用户界面**(9)**上的状态显示。

电动工具状态显示 (16)	显示屏中的显示 (17)	含义/原因	解决方案
绿色	实时值	状态正常。电动工具可在进给或回退模式下工作。	–
绿色	结束闪烁	状态正常。电动工具切换到卷尺更换模式。	–
黄色	0.0米	卷尺完全缩回。电动工具自动停止。	松开起停开关 (7) ，将转换开关 (6) 向左按到底（进给）。重新按下起停开关 (7) 。
黄色	结束亮起	已达到允许的进给限值。电动工具自动停止。	松开起停开关 (7) ，将转换开关 (6) 向右按到底（回退）。接着重新按下起停开关 (7) 。 按模式按钮 (18) 3秒钟，直到电动工具切换到卷尺更换模式。
黄色	结束闪烁	已达到最大进给限值。电动工具自动停止。	松开起停开关 (7) ，将转换开关 (6) 向右按到底（回退）。接着重新按下起停开关 (7) 。
红色	无显示	电动工具过热或充电电池电量耗尽。 电动工具过载。 电机停转或充电电池电量不足 一般故障	让电动工具冷却或更换或为充电电池充电。 如果管道安装不正确，拉力会过大。试着慢慢地、有控制地拉动，只对起停开关 (7) 施加轻微的压力。 如果问题仍然存在，请检查管道。为此，可能需要断开管道部分的连接，以便取下卷尺 (2) 和电缆。 给充电电池充电或使用推荐的充电电池类型。 关闭并重新打开电动工具，或取出充电电池并重新插入。 如果故障仍然存在，请将电动工具寄送给 Bosch 电动工具授权的客户服务中心。

工作提示

安装旋转喷嘴（参见插图G）

旋转喷嘴**(3)**可以调整到12个位置，从而适应不同的管道方向。喷嘴固定环紧贴管道开口，可最大限度地减轻使用者的疲劳。

- 显示电动工具的状态(参见“状态指示灯”，页 12)
- 设置工作模式(参见“设置工作模式”，页 11)
- 支持卷尺更换(参见“更换卷尺（参见插图**I-N**）”，页 13)

显示电动工具外的卷尺长度

显示屏**(17)**显示卷尺**(2)**从电动工具伸出的距离（在进给和回退过程中）。

注意：为确保计数准确性，建议在使用新卷尺前将卷尺完全收回。这将把自动停止功能重置为零。

自动停止

自动停止功能可防止进给或回退过多造成的损坏。当卷尺完全回退或进给时，电动工具将关闭。

维修和服务

保养和清洁

- ▶ 对电动工具执行任何操作（比如保养、更换刀具等）前需将充电电池从电动工具中取出。意外操作起停开关可能会造成伤害。
- ▶ 电动工具和通气孔必须随时保持清洁，以确保工作效率和工作安全。

清洁卷尺

定期用干布擦拭卷尺(2)。在维护或操作期间，不得在卷尺上涂抹润滑剂，否则会降低拉力并影响电动工具的功能。

更换卷尺（参见插图I-N）

- 如果卷尺(2)扭结或磨损，会影响电缆回退的性能，可能需要插入新的卷尺。为此，请执行以下步骤：
- 拉回卷尺(2)，直到电动工具自动停止（参见插图I）。
 - 将转换开关(6)向左按到底（进给）（参见插图J）。
 - 按下起停开关(7)，直到卷尺(2)完全伸出，自动停止，显示屏(17)显示**结束**和黄色状态指示灯(16)（参见插图K）。
 - 按住模式按钮(18)3秒钟，直到状态指示灯(16)绿灯亮起并在显示屏(17)中显示**结束**闪烁（参见插图L）。
 - 继续按下起停开关(7)，直到插头完全伸出（参见插图M）。

- 拧下插头，取出旧卷尺(2)（参见插图M）。
提示：如果卷尺(2)未连接，切勿拉回。这会对电动工具造成不可逆转的损坏。
- 将新卷尺(2)拧入插头（参见插图M）。
提示：电动工具与第三方供应商提供的卷尺不兼容。只能使用**Bosch**提供的原装替换卷尺。
- 将转换开关(6)向右按到底（回退），并保持按下起停开关(7)，直到新卷尺(2)完全回退并自动停止（参见插图N）。

客户服务和应用咨询

中国大陆

电话： 400 826 8484-3-2

制造商地址：

Robert Bosch Power Tools GmbH
罗伯特·博世电动工具有限公司
70538 Stuttgart / GERMANY
70538 斯图加特 / 德国

关于服务地址和保修条件的链接请查看最后一页。
询问和订购备件时，务必提供机器铭牌上标示的10位数物品代码。

处理废弃物

必须以符合环保的方式，回收再利用损坏的电动工具、充电电池、附件和废弃的包装材料。



不可以把电动工具和充电电池/蓄电池丢入一般的家庭垃圾中！

产品中有害物质的名称及含有的信息表										
部件名称	有害物质									
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBBs)	多溴二苯 醚 (PBDEs)	邻苯二甲酸二 正丁酯 (DBP)	邻苯二甲酸二 异丁酯 (DIBP)	邻苯二甲酸丁 苄酯 (BBP)	邻苯二甲酸二(2-乙 基)己酯 (DEHP)
外壳的金属部分	○	○	○	○	○	○	○	○	○	○
外壳的非金属部分	○	○	○	○	○	○	○	○	○	○
机械传动机构	○	○	○	○	○	○	○	○	○	○
电机组件	○	○	○	○	○	○	○	○	○	○
控制组件	X	○	○	○	○	○	○	○	○	○
附件	○	○	○	○	○	○	○	○	○	○
配件	○	○	○	○	○	○	○	○	○	○
连接件	○	○	○	○	○	○	○	○	○	○
电源线①	X	○	○	○	○	○	○	○	○	○
电池系统②	○	○	○	○	○	○	○	○	○	○

注1:

○: 表示该有害物质在该部件所有均质材料中的含量均不超出电器电子产品有害物质限制使用国家标准要求。

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②适用于采用充电电池供电的产品。

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1 619 PF0 904



1 619 PC8 950

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1.2 - CMSIS_5 - Apache-2.0

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1.5 - GCE-Math - Apache-2.0

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1.6 - picolibc 1.8.8

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