

BOSCH AdvancedMulti 18 Cordless Multifunctional Tool



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BOSCH AdvancedMulti 18 Cordless Multifunctional Tool



Product Information

Specifications

Akku-Multifunktionswerkzeug AdvancedMulti 18

- **Sachnummer:** 3 603 A04 0..
- **Schwingzahlvorwahl:** Konstantelektronik
- **Sanftanlauf:** Yes
- **Werkzeugaufnahme:** AutoClic
- **Nennspannung:** 18V
- **Leerlaufdrehzahl n0:** min-1
- **Oszillationswinkel links/rechts:** Not specified
- **Gewicht entsprechend EPTA-Procedure 01:2014:** 1.5kg
- **Lagerung:** 0 to +45 degrees
- **Empfohlene Akkus:** PBA 18V....V-, PBA 18V....W-, AL 18.. CV

Product Usage Instructions

Safety Instructions

WARNING: To prevent electric shock, fire, and/or serious injury, follow these safety guidelines:

- Only operate the tool in a dry environment or use a residual current device if working in a damp area.
- Pay attention to what you are doing to avoid accidents.
- Handle sharp tools with caution to prevent injuries.

Service and Maintenance

For servicing and repairs, always consult qualified personnel and use original replacement parts to maintain tool

safety.

Product Description

The product is a versatile cordless multi-tool suitable for various applications.

Components

The numbered components in the illustrations correspond to the parts of the tool shown in the diagram.

Technical Data

Akku-Multifunktionswerkzeug AdvancedMulti 18

- **Nominal Voltage:** 18V
- **No-load Speed:** Not specified
- **Oscillation Angle Left/Right:** Not specified
- **Weight according to EPTA-Procedure 01:2014:** 1.6kg
- **Storage:** 0 to +45 degrees
- **Recommended Batteries:** PBA 18V....V-, PBA 18V....W-, AL 18.. CV

FAQ

- **Q: Can this tool be used for cutting materials?**
 - A: Yes, the AdvancedMulti 18 can be used for cutting various materials when equipped with the appropriate accessory.
- **Q: What is the warranty period for this product?**
 - A: The warranty period is typically specified in the product documentation provided by Bosch Power Tools.

Safety Notes

General Power Tool Safety Warnings

Warning

Read all safety warnings and all instructions.

Failure to follow the warnings and instructions 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

- Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.
- Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
- Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
- Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges and moving parts. Damaged or entangled cords increase the risk of electric shock.
- When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.
- If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply. Use of an RCD reduces 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 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, clothing and gloves 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.

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 the battery pack 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. 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.

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.

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. Safety Warnings for cordless Multifunction Tools
- Hold power tool by insulated gripping surfaces, when performing an operation where the cutting accessory may contact hidden wiring. Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.
- Use the machine only for dry sanding. Penetration of water into the machine increases the risk of an electric shock.
- Caution, fire hazard! Avoid overheating the object being sanded as well as the sander. Always empty the dust collector before taking breaks. In unfavourable conditions, e.g., when sparks emit from sanding metals, sanding debris in the dust bag, micro filter or paper sack (or in the filter sack or filter of the vacuum cleaner) can self-ignite. Particularly when mixed with remainders of varnish, polyurethane or other chemical materials and when the sanding debris is hot after long periods of working.
- Keep hands away from the sawing range. Do not reach under the workpiece. Contact with the saw blade can lead to injuries.

- Use appropriate detectors to determine if utility lines are hidden in the work area or call the local utility company for assistance. Contact with electric lines can lead to fire and electric shock. Damaging a gas line can lead to explosion. Penetrating a water line causes property damage.
- When working with the machine, always hold it firmly with both hands and provide for a secure stance. The power tool is guided more secure with both hands.
- Secure the workpiece. A workpiece clamped with clamping devices or in a vice is held more secure than by hand.
- Do not open the battery. Danger of short-circuiting. Protect the battery against heat, e.g., against continuous intense sunlight, fire, water, and moisture. Danger of explosion.
- In case of damage and improper use of the battery, vapours may be emitted. Ventilate the area and seek medical help in case of complaints. The vapours can irritate the respiratory system.
- Use the battery only in conjunction with your Bosch power tool. This measure alone protects the battery against dangerous overload.
- The battery can be damaged by pointed objects such as nails or screwdrivers or by force applied externally. An internal short circuit can occur and the battery can burn, smoke, explode or overheat.
- Wear protective gloves when changing application tools/accessories. Application tools/accessories become hot after prolonged usage.
- Do not scrape wetted materials (e.g. wallpaper) or on moist surfaces. Penetration of water into the machine increases the risk of an electric shock.
- Do not treat the surface to be worked with solvent-containing fluids. Materials being warmed up by the scraping can cause toxic vapours to develop.
- Exercise extreme caution when handling the scraper. The accessory is very sharp; danger of injury.

Product Description and Specifications

Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Intended Use

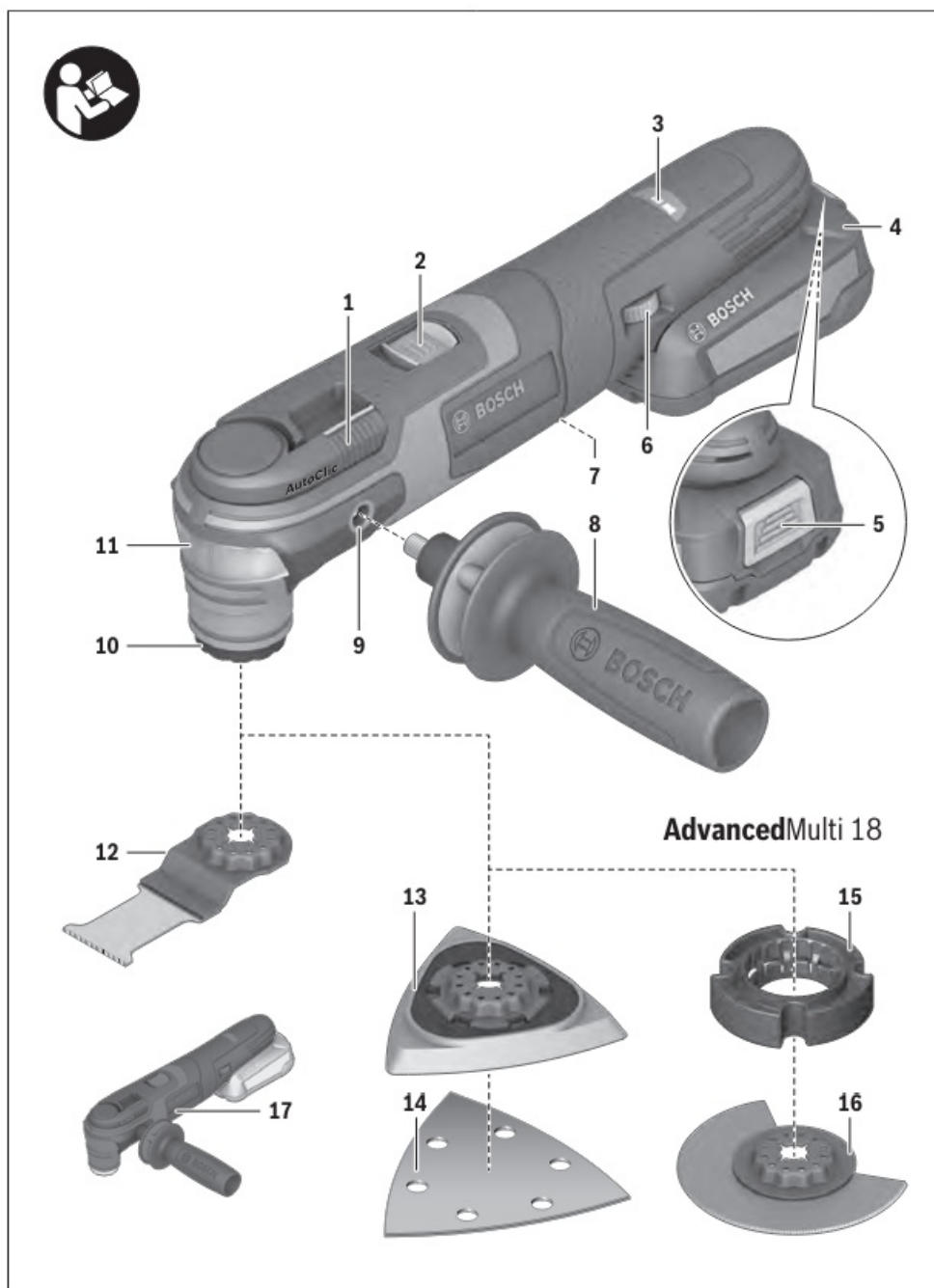
The machine is intended for sawing and cutting wooden materials, plastic, gypsum, non-ferrous metals and fastening elements (e.g. nails, staples). It is also suitable for working soft wall tiles as well as for dry sanding and scraping of small surfaces. It is especially suitable for working close to edges and for flush cutting. The light of this power tool is intended to illuminate the power tool's direct area of working operation and is not suitable for household room illumination.

Product Features

The numbering of the product features refers to the illustration of the machine on the graphics page.

1. AutoClic lever for unlocking the application tool/ accessory
2. On/Off switch
3. Battery charge-control indicator
4. Battery pack
5. Battery unlocking button
6. Thumbwheel for orbit frequency preselection

7. Venting slots
8. Vibration-dampening auxiliary handle (insulated gripping surface)*
9. Thread for auxiliary handle
10. Tool holder
11. 180° light band
12. Plunge saw blade*
13. Sanding plate*
14. Sanding sheet*
15. Depth stop*
16. Segment saw blade*
17. Handle (insulated gripping surface)
18. Vacuum hose*
19. Vacuum connection*
20. Dust extraction*
21. Clamping lever of the dust extraction



*Accessories shown or described are not part of the standard delivery scope of the product. A complete overview of accessories can be found in our accessories program

Technical Data

Cordless Multifunction Tool		AdvancedMulti 18
Article number		3 603 A04 0..
Preselection of orbital stroke rate		●
Constant electronic control		●
Soft starting		●
AutoClic tool holder		●
Rated voltage	V=	18
No-load speed n_0	min^{-1}	10000 – 20000
Oscillation angle, left/right	°	2.8
Weight according to EPTA-Procedure 01:2014		
– without auxiliary handle	kg	1.5
– with auxiliary handle	kg	1.6
Permitted ambient temperature		
– during charging	°C	0 ... +45
– during operation* and during storage	°C	– 20 ... +50
Recommended batteries		PBA 18V....V-. PBA 18V....W-.
Recommended chargers		AL 18.. CV
* limited performance at temperatures < 0 °C		
Technical data determined with battery from delivery scope.		

Noise/Vibration Information

Sound emission values determined according to EN 60745-2-4.
Typic

ally the A-weighted noise levels of the product are:

- Sound pressure level 82 dB(A); Sound power level 93 dB(A).
- Uncertainty K =3 dB.

Wear hearing protection!

Working without auxiliary handle

Vibration total values a_h (triax vector sum) and uncertainty K_d determined according to EN 60745-2-4:

- Sanding: $a_h=6\text{m/s}^2$, $K=1.5\text{ m/s}^2$,
- Sawing with plunge cut saw blade: $a_h=16\text{m/s}^2$, $K=1.5\text{ m/s}^2$,
- Sawing with segment saw blade: $a_h=14\text{m/s}^2$, $K=1.5\text{ m/s}^2$.

Working with auxiliary handle

Vibration total values a_h (triax vector sum) and uncertainty K determined according to EN 60745-2-4:

- Sanding: $a_h=6\text{m/s}^2$, $K=1.5\text{ m/s}^2$,
- Sawing with plunge cut saw blade: $a_h=20\text{m/s}^2$, $K=2.5\text{ m/s}^2$,
- Sawing with segment saw blade: $a_h=16\text{m/s}^2$, $K=1.5\text{ m/s}^2$.

The vibration level given in this information sheet has been measured in accordance with a standardised test given in EN 60745 and may be used to compare one tool with another.

It may be used for a preliminary assessment of exposure.

The declared vibration emission level represents the main applications of the tool. However if the tool is used for different applications, with different accessories or insertion tools or is poorly maintained, the vibration emission may differ.

This may significantly increase the exposure level over the total working period.

An estimation of the level of exposure to vibration should also take into account the times when the tool is switched off or when it is running but not actually doing the job. This may significantly reduce the exposure level over the total working period.

Identify additional safety measures to protect the operator from the effects of vibration such as: maintain the tool and the accessories, keep the hands warm, organisation of work patterns.

Assembly

Battery Charging

- Use only the battery chargers listed on the accessories page. Only these battery chargers are matched to the lithium-ion battery of your power tool.

Note: The battery supplied is partially charged. To ensure full capacity of the battery, completely charge the battery in the battery charger before using your power tool for the first time. The lithium-ion battery can be charged at any time without reducing its service life. Interrupting the charging procedure does not damage the battery. The lithium-ion battery is protected against deep discharging by the "Electronic Cell Protection (ECP)". When the battery is empty, the machine is switched off by means of a protective circuit: The inserted tool no longer rotates.

Note: If the machine should automatically switch off because of a discharged or overheated battery, make sure to set the machine's On/Off switch 2 to off. Charge the battery and allow it to cool down before restarting the machine. Otherwise, the battery can become damaged.

Removing the battery

- The battery 4 is equipped with two locking levels that should prevent the battery from falling out when pushing the battery unlocking button 5 unintentionally. As long as the battery is inserted in the power tool, it is held in position by means of a spring.
- To remove the battery 4, press the battery unlocking button 5 and pull the battery out of the power tool toward the rear.

Do not exert any force.

Battery Charge-control Indication










When the power tool is switched on, the battery charge-control indicator 3 signals the still available battery capacity or an overload.

Indication	Capacity
Continuous lighting of 3 green LEDs	$\geq 66\%$
Continuous lighting of 2 green LEDs	33 – 66 %
Continuous lighting of 1 green LED	10 – 33 %
Flashing of 1 green LED	$\leq 10\%$

When the battery charge-control indicator 3 flashes red, the machine is subject to overload. Please observe the information in section “Temperature-dependent Overload Protection”

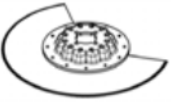



Changing the Tool






- Before any work on the machine itself (e.g. maintenance, tool change, etc.) as well as during transport and storage, remove the battery from the power tool.
- There is danger of injury when unintentionally actuating the On/Off switch.
- Wear protective gloves when changing application tools/accessories. Contact with the application tool/accessory can lead to injuries.
- Please observe the application tools/accessories intended for your tool.











Accessory		AdvancedMulti 18
		
		
		




Selecting the Application Tool/Accessory

The following table shows examples for application tools. Further application tools can be found in the extensive Bosch accessories program

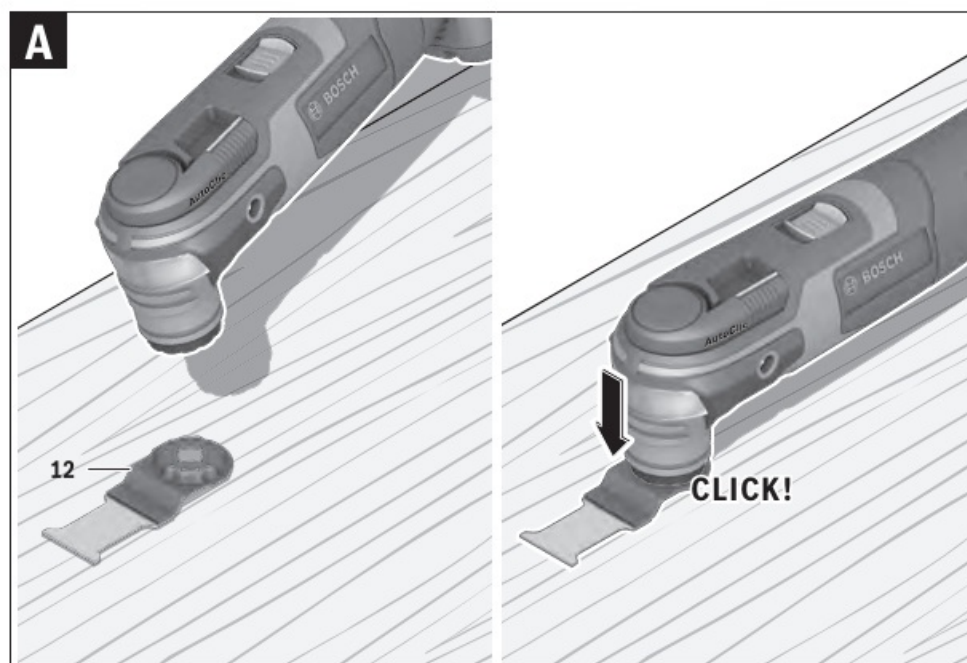
Accessory		Material	Application
	BIM segment saw blade	Wooden materials, Plastic, Non-ferrous metals	Separating and plunge cuts; also for sawing close to edges, in corners and hard to reach areas; example: shortening already installed bottom rails or door hinges, plunge cuts for adjusting floor panels
	Base plate for sanding, series Delta 93 mm	Depends on sanding sheet	Sanding surfaces close to edges, in corners or hard to reach areas; depending on the sanding sheet for, e. g., sanding wood, paint, varnish, stone Fleeces for cleaning and for texturing wood, removing rust from metal and for keying varnishes, polishing felt for pre-polishing
	Profile sander	Wood, Pipes/Profile, Paint, Varnishes, Filler, Metal	Convenient, efficient sanding of profiles up to a diameter of 55 mm; Red sanding sheets for sanding wood, pipes/profiles, varnishes, fillers and metal
	BIM plunge cut saw blade, wood and metal	Softwood, Soft plastics, Plasterboard, Thin-walled aluminium and non-ferrous metal profiles, Thin sheet metals, Non-hardened nails and screws	Smaller separating and plunge cuts; example: cutting an opening for sockets, flush cutting a copper pipe, plunge cuts in plasterboard Filigree adjustment work in wood; example: sawing openings for locks and fittings

Accessory		Material	Application
	HCS plunge cut saw blade, wood	Wooden materials, Soft plastics	Separating and deep plunge cuts; also for sawing close to edges, in corners and hard to reach areas; example: narrow plunge cut in solid wood for installing a ventilation grid
	Bi-metal plunge cut saw blade, hardwood	Hardwood, Laminated panels	Plunge cuts in laminated panels or hardwood; example: installing skylights
	TC plunge cut saw blade, metal	Metal, Severely abrasive materials, Fibreglass, Plasterboard, Cement-bonded fibre boards	Plunge cuts in severely abrasive materials or metal; example: cutting kitchen front covers, easy cutting through hardened screws, nails and stainless steel
	BIM plunge cut saw blade, wood and metal	Softwood, Hardwood, Veneered panels, Plastic-laminated panels, Non-hardened nails and screws	Plunge cuts in laminated panels or hardwood; example: shortening door frames, cutting openings for a shelf
	HM-Riff segment saw blade	Cement joints, Soft wall tiles, Glass fibre reinforced plastics, Porous concrete	Cutting and separating close to edges, in corners or hard to reach areas; example: removing grouting joints between wall tiles for repair work, cutting openings in tiles, gypsum boards or plastic

	HM-Riff delta plate	Mortar, Concrete residues, Wood, Abrasive materials	Rasping and sanding on hard surfaces; example: removing mortar or tile adhesive (e.g. when replacing damaged tiles), removing carpet adhesive residues
	HM-Riff grout and mortar remover	Mortar, Joints, Epoxy resin, Glass fibre reinforced plastics, Abrasive materials	Routing and cutting joint and tile material and rasping and sanding on hard surfaces; example: removing tile adhesive and grout
	HCS multi blade	Roofing felt, Carpets, Artificial turf, Cardboard, PVC flooring	Fast, precise cutting of soft material and flexible abrasive materials; example: cutting carpets, cardboard, PVC flooring, roofing felt, etc.
	Scraper, rigid	Carpets, Mortar, Concrete, Tile adhesive	Scraping on hard surfaces; example: removing mortar, tile adhesive, concrete and carpet adhesive residues
	Scraper, flexible	Carpet adhesive, Paint residues, Silicone	Flexible scraping on soft surfaces; example: removing silicone joints, carpet adhesive and paint residues
Accessory		Material	Application
	BIM serrated segment saw blade	Insulation material, Insulation panels, Floor panels, Sound-dampening floor panels, Cardboard, Carpets, Rubber, Leather	Precise cutting of soft materials; example: cutting insulation panels to size, flush cutting protruding insulation material to length
	HM-Riff sanding finger	Wood, Paint	Sanding wood or paint in hard to reach areas without sanding paper; example: sanding off paint between shutter louvres, sanding wooden floors in corners
	HM-Riff plunge cut saw blade	Fibreglass, Mortar, Wood	Plunge cuts in severely abrasive materials; example: routing thin mosaic tiles
	HCS universal joint cutter	Expansion joints, Putty, Insulation materials (rock wool)	Cutting and separating soft materials; example: cutting silicone expansion joints or putty
	BIM plunge cut saw blade, wood and metal	Softwood, Hardwood, Veneered panels, Plastic-laminated panels, Non-hardened nails and screws	Fast, deep plunge cuts in wood and metal; example: quick cutting of wood containing nails, deep plunge cuts in laminated panels and precise shortening of door frames

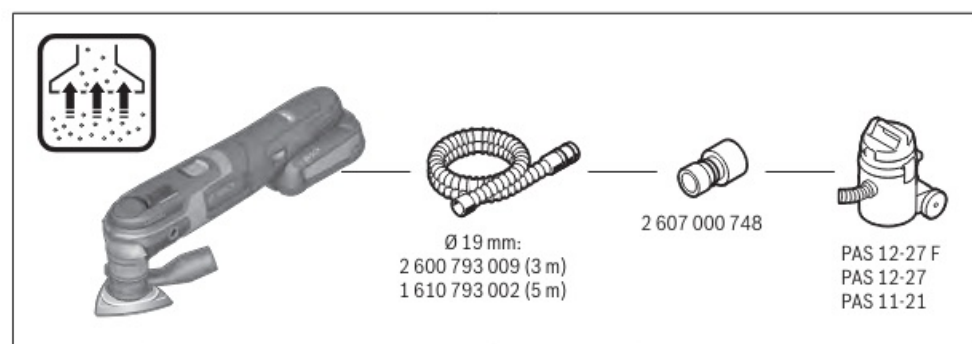
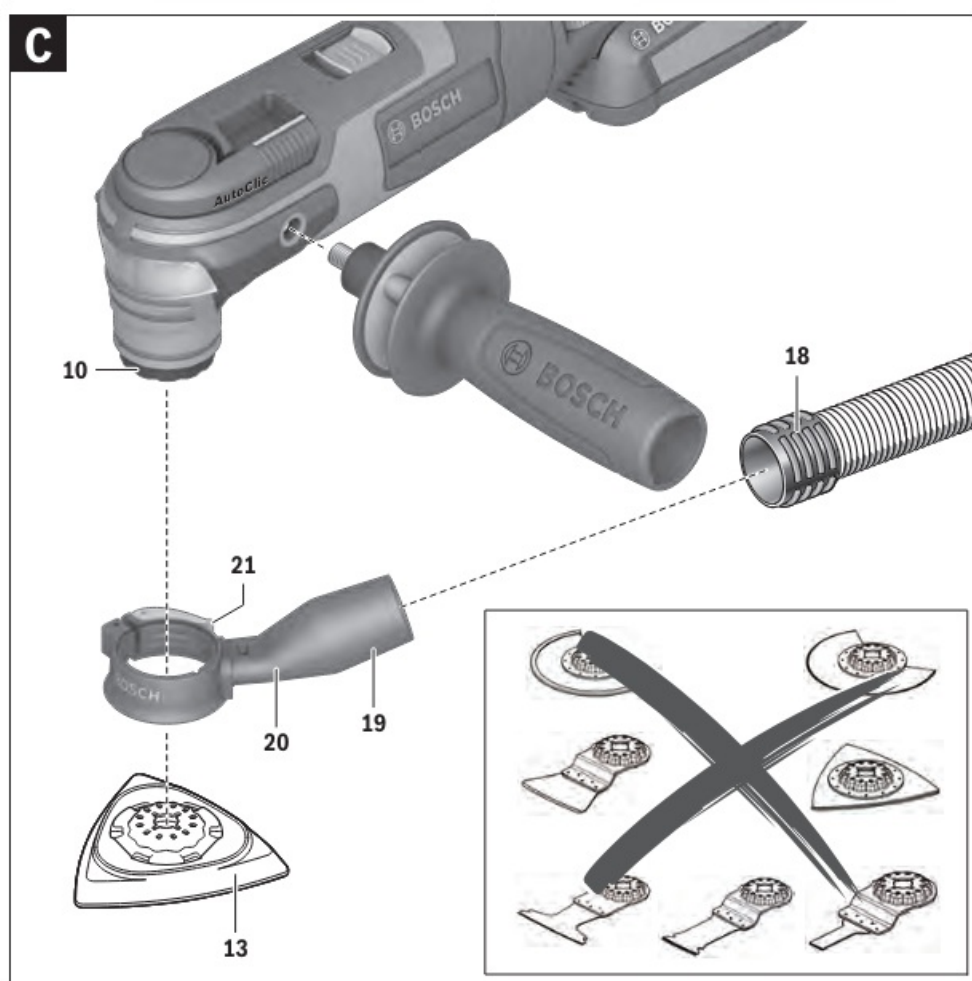
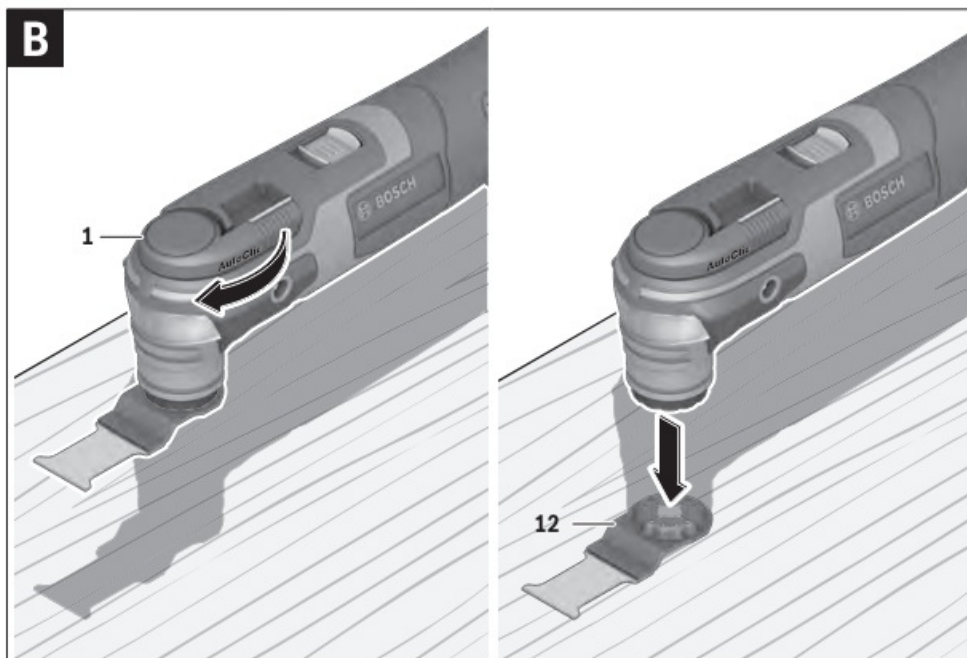
	TC plunge cut saw blade, metal	Stainless steel (Inox), Screws and nails, Epoxy resin, Glass fibre reinforced plastics, Fibreglass, Plasterboard, Porous concrete	Fast, deep plunge cuts in severely abrasive materials or metal; example: fast cutting of kitchen front covers, easy cutting through hardened screws, nails and stainless steel
	BIM plunge cut saw blade, wood and metal	Wood, Abrasive wooden materials, Plastics, Hardened nails and screws, Non-ferrous metal pipes	Fast, deep plunge cuts in wood, abrasive wooden materials and plastics; example: fast cutting of non-ferrous metal pipes and profiles with smaller dimensions, easy cutting of non-hardened nails, screws and steel profiles with smaller dimensions
	HCS plunge cut saw blade, wood	Softwood, Dowels, Tenons, Furniture components	Fast, deep separating and plunge cuts; also for sawing close to edges in corners and hard to reach areas; example: deep plunge cut in softwood for installing a ventilation grid

Inserting (see Figure A)



- Place the application tool/accessory on a flat surface. It must be possible to read the marking on the application tool from above.
- Turn the application tool to a position which is convenient for the job at hand. Twelve positions displaced by 30° are possible for this.
- Press the power tool onto the application tool at the required angle until it audibly engages.
- Check the tight seating of the application tool/accessory. Incorrect or not securely fastened application tools/accessories can come loose during operation and pose a hazard.

Removing (see figure B)





PBA 18 V ... V-.



PBA 18 V ... W-.



AL 1830 CV

Open the AutoClic lever 1 all the way. The application tool/ accessory will be ejected.

Mounting and Adjusting the Depth Stop

The depth stop 15 can be used when working with segment saw blades. If required, remove an already mounted application tool/ accessory. Slide the depth stop 15 over and beyond the tool holder 10 to the stop onto the gear head of the power tool with the labelled side facing upward.

The depth stop is intended for the following cutting depths:

- With segment saw blades ACZ 85 .. with a diameter of 85 mm: 8 mm, 10 mm, 12 mm and 14 mm cutting depths (see indication on the depth stop in large font and not in brackets).
- With segment saw blades ACZ 100 .. with a diameter of 100 mm: 14 mm, 16 mm, 18 mm and 20 mm cutting depths (see indication on the depth stop in smaller font and brackets).

Insert the appropriate segment saw blade for the desired cutting depth. Slide the depth stop 15 from the tool holder 10 in the direction of the application tool until you can rotate it freely. Rotate the depth stop 15 so that the desired cutting depth is above the section of the saw blade, which will be used to saw. Slide the depth stop 15 once again to the stop onto the gear head of the application tool. For all other cutting depths and when working with other application tools, remove the depth stop 15. For this, remove the application tool and pull the depth stop from the gear head.

Mounting the Auxiliary Handle (optional accessory)

- The vibration-damped auxiliary handle enables the tool to be used safely and more comfortably. Screw the auxiliary handle 8 on the right or left of the machine head depending on the working method.
- Do not continue to use the power tool when the auxiliary handle is damaged. Do not make any changes or modifications to the auxiliary handle.

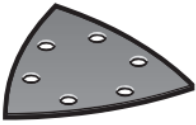
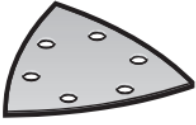
Mounting/Replacing a Sanding Sheet on the Sanding Plate

The sanding plate 13 is fitted with Velcro backing for quick and easy fastening of sanding sheets with Velcro adhesion. Before attaching the sanding sheet 14, free the Velcro backing of the sanding plate 13 from any debris by tapping against it in order to enable optimum adhesion. Position the sanding sheet 14 flush alongside one edge of the sanding plate 13, then lay the sanding sheet onto the sanding plate and press firmly. To ensure optimum

dust extraction, pay attention that the punched holes in the sanding sheet match with the holes in the sanding plate. To remove the sanding sheet 14, grasp it at one of the tips and pull it off from the sanding plate 13. You can use all sanding sheets, fleece pads/polishing cloth pads of the Delta 93 mm series of Bosch accessory program. Sanding accessories, such as fleece pads/polishing cloth pads, are attached to the sanding plate in the same manner.

Selecting the Sanding Sheet

Depending on the material to be worked and the required rate of material removal, different sanding sheets are available

Sanding disc	Material	Application	Grain size	
 Red quality	– All wooden materials (e.g., hardwood, softwood, chipboard, building board) – Metal materials	For coarse-sanding, e.g. of rough, unplanned beams and boards	coarse	40 60
		For face sanding and planing small irregularities	medium	80 100 120
		For finish and fine sanding of wood	fine	180 240 320 400
 White quality	– Paint – Varnish – Filling compound – Filler	For sanding off paint	coarse	40 60
		For sanding primer (e.g., for removing brush dashes, drops of paint and paint run)	medium	80 100 120
		For final sanding of primers before coating	fine	180 240 320

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.
- As far as possible, use a dust extraction system suitable for the material.
- 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.

Prevent dust accumulation at the workplace. Dust can easily ignite.

- Connecting the Dust Extraction (optional accessory)
- The dust extraction 20 is intended only when working with the sanding plate 13; it is not of use in combination with other application tools.
- For sanding, always connect the dust extraction.
- To mount the dust extraction 20 (accessory), remove the application tool and the depth stop 15.

- Slide the dust extraction 20 all the way over the tool holder 10 onto the collar of the power tool. Turn the dust extraction to the required position (not directly under the power tool).
- Press shut the clamping lever 21 to fix the dust extraction.
- Plug the tool sleeve of the vacuum hose 18 onto the vacuum connection 19. Connect the vacuum hose 18 to a vacuum cleaner (accessory).
- An overview for connecting to various vacuum cleaners can be found on the graphics page.
- The vacuum cleaner must be suitable for the material being worked.
- When vacuuming dry dust that is especially detrimental to health or carcinogenic, use a special vacuum cleaner.

Operation

Starting Operation Inserting the battery

Note: Use of batteries not suitable for the machine can lead to malfunctions of or cause damage to the power tool. Insert the charged battery pack 4 from the rear into the base of the power tool. Press the battery pack completely into the base until the red stripe can no longer be seen and the battery pack is securely locked.

Switching On and Off

To start the machine, push the On/Off switch 2 forward so that the “I” is indicated on the switch. The electronic soft starting feature limits the torque upon switching on and increases the working life of the motor. The constant electronic control keeps the stroke rate almost constant under no-load or load conditions and ensures a uniform working performance. To switch off the machine, push the On/Off switch 2 toward the rear so that the “0” is indicated on the switch. To save energy, only switch the power tool on when using it. The 180° light band improves visibility in the immediate work area. It is automatically switched on and off with the power tool.

- Do not look directly into the work area illumination – your sight can be temporarily degraded!

Preselecting the Orbital Stroke Rate With the thumbwheel for preselection of the orbital stroke rate 6, you can preselect the required orbital stroke rate, even during operation. The required stroke rate depends on the material and the working conditions and can be determined through practical testing. When sawing, cutting and sanding harder materials, e.g., wood or metal, it is recommended to work with orbital stroke rate “6”; for softer materials, such as plastic, orbital stroke rate “4” is recommended.

Working Advice

- Wait until the machine has come to a standstill before placing it down.
- Before any work on the power tool, remove the battery.

Note: Do not cover off the venting slots 7 of the machine while working, as this reduces the working life of the machine. While working with HCS tools make sure that the covering of the tools is undamaged.

Operating Principle

Due to the oscillating drive the application tool/accessory oscillates up to 20000 times per minute at 2.8°. This allows for precise work in narrow spaces.



- Work with low and uniform application pressure, otherwise, the working performance will decline and the application tool can become blocked.



- While working, move the machine back and forth, so that the application tool does not heat up excessively and become blocked.

Sawing

- Use only undamaged saw blades that are in perfect condition. Bent or dull saw blades can break, negatively influence the cut, or lead to kickback.
- When sawing light building materials, observe the statutory provisions and the recommendations of the material suppliers.
- Plunge cuts may only be applied to soft materials, such as wood, gypsum plaster boards, etc.!

Before sawing with HCS saw blades in wood, particle board, building materials, etc., check these for foreign objects such as nails, screws, or similar. If required, remove foreign objects or use BIM saw blades.

Separating

Note: When separating wall tiles take into consideration that the application tools/accessories wear heavily when used for longer periods of time.

Sanding

The removal rate and the sanding pattern are primarily determined by the choice of sanding sheet, the preset oscillation rate and the applied pressure. Only flawless sanding sheets achieve good sanding capacity and extend the service life of the machine. Pay attention to apply uniform sanding pressure; this increases the working life of the sanding sheets. Intensifying the sanding pressure does not lead to an increase of the sanding capacity, but to increased wear of the machine and the sanding sheet. For precise on-the-spot sanding of edges, corners and hard to reach areas, it is also possible to work only with the tip or an edge of the sanding plate. When selectively sanding on the spot, the sanding sheet can heat up considerably. Reduce the orbital stroke rate and the sanding pressure, and allow the sanding sheet to cool down regularly. A sanding sheet that has been used for metal should not be used for other materials. Use only original Bosch sanding accessories. For sanding, always connect the dust extraction.

Scraping

For scraping, select a high oscillation rate. Work on a soft surface (e.g. wood) at a flat angle, and apply only light pressure. Otherwise the scraper can cut into the surface.

Temperature-dependent Overload Protection

In normal conditions of use, the power tool cannot be overloaded. If the power tool is placed under too much pressure or the permitted battery temperature range is left, the tool switches off. Following an automatic shut-off, switch off the power tool, allow the battery to cool and then switch the power tool back on.

Recommendations for Optimal Handling of the Battery

Protect the battery against moisture and water. Store the battery only within a temperature range between -20 °C and 50 °C. As an example, do not leave the battery in the car in summer. A significantly reduced working period after charging indicates that the battery is used and must be replaced. Observe the notes for disposal.

Maintenance and Service

Maintenance and Cleaning

- Before any work on the power tool, remove the battery.
- For safe and proper working, always keep the machine and ventilation slots clean. Clean Riff application tools (accessory) regularly with a wire brush. If the replacement of the supply cord is necessary, this has to be done by Bosch or an authorized Bosch service agent in order to avoid a safety hazard.

After-sales Service and Application Service

Our after-sales service responds to your questions concerning maintenance and repair of your product as well as spare parts. Exploded views and information on spare parts can also be found under:

- www.bosch-pt.com

Bosch's application service team will gladly answer questions concerning our products and their accessories. In all correspondence and spare parts orders, please always include the 10-digit article number given on the nameplate of the product.

Great Britain

- Robert Bosch Ltd. (B.S.C.)
- P.O. Box 98
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- North Orbital Road
- Denham
- Uxbridge
- UB 9 5HJ
- At www.bosch-pt.co.uk you can order spare parts or arrange
- the collection of a product in need of servicing or repair.
- Tel. Service: (0344) 7360109
- E-Mail: boschservicecentre@bosch.com
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KZN – BSC Service Centre

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- E-Mail: rbsa-hq.pts@za.bosch.com

Transport

The contained lithium-ion batteries are subject to the Dangerous Goods Legislation requirements. The user can transport the batteries by road without further requirements. When being transported by third parties (e.g.: air transport or forwarding agency), special requirements on packaging and labelling must be observed. For preparation of the item being shipped, consulting an expert for hazardous material is required. Dispatch batteries only when the housing is undamaged. Tape or mask off open contacts and pack up the battery in such a manner that it cannot move around in the packaging. Please also observe possibly more detailed national regulations.

Disposal

The machine, 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 EC countries:

According to the European Guideline 2012/19/EU, power tools that are no longer usable, and according to the European Guideline 2006/66/EC, defective or used battery packs/batteries, must be collected separately and disposed of in an environmentally correct manner. Batteries no longer suitable for use can be directly returned at:

Great Britain

- Robert Bosch Ltd. (B.S.C.)
- P.O. Box 98
- Broadwater Park
- North Orbital Road
- Denham
- Uxbridge
- UB 9 5HJ
- At www.bosch-pt.co.uk you can order spare parts or arrange the collection of a product in need of servicing or repair.
- Tel. Service: (0344) 7360109

- E-Mail: boschservicecentre@bosch.com



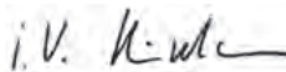
Battery packs/batteries:

Li-ion:

Please observe the instructions in section "Transport", Subject to change without notice.

EU Declaration of Conformity We declare under our sole responsibility that the stated products comply with all applicable provisions of the directives and regulations listed below and are in conformity with the following standards.

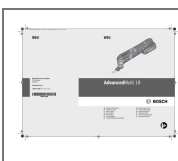
Technical file at: * Cordless Multifunction Tool Article number

AdvancedMulti 18	3 603 A04 0..	2006/42/EC 2014/30/EU 2011/65/EU	EN 60745-1:2009+A11:2010 EN 60745-2-4:2009+A11:2011 EN 55014-1:2006+A1:2009+A2:2011 EN 55014-2:1997+A1:2001+A2:2008 EN 50581:2012
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- 1 609 92A 3B0 (2017.03) T / 136

















Documents / Resources



[BOSCH AdvancedMulti 18 Cordless Multifunctional Tool](#) [pdf] Instruction Manual
AdvancedMulti 18 Cordless Multifunctional Tool, AdvancedMulti 18, Cordless Multifunctional, Multifunctional Tool

References

-  [Invented for life | Bosch Global](#)

-  [Deine Heimwerker-Community | Bosch DIY](#)
-  [DIY Werkzeuge / Maschinen und Gartengeräte für Heim & Garten | Bosch DIY](#)
-  [Bosch Elektrowerkzeuge | Bosch Elektrowerkzeuge](#)
-  [Bosch Power Tools | Bosch Power Tools](#)
-  [Bosch Elektrowerkzeuge | Bosch Elektrowerkzeuge](#)
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