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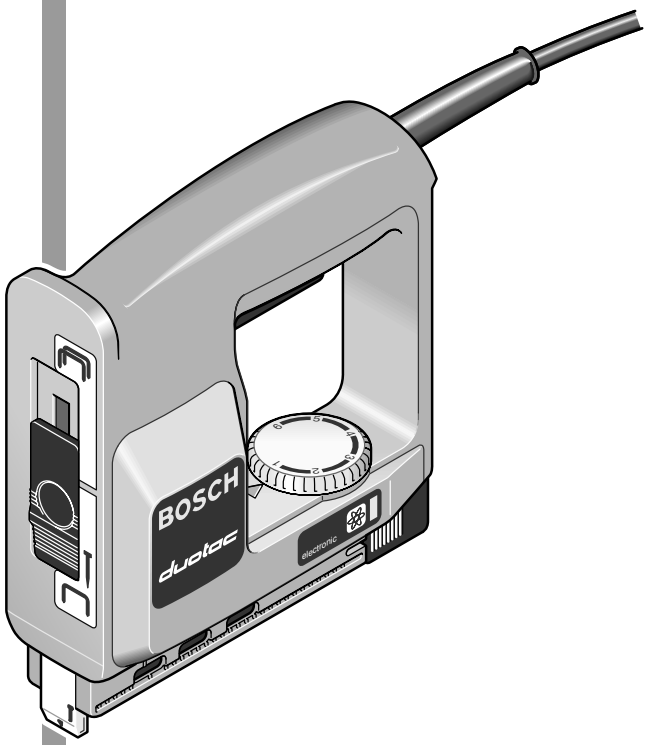
Manual de instruções
Istruzioni d'uso
Gebruiksaanwijzing
Betjeningsvejledning
Bruksanvisning
Brukerveiledningen
Käyttöohje
Οδηγία χειρισμού
Kullanım kılavuzu

BOSCH

PTK 14 E



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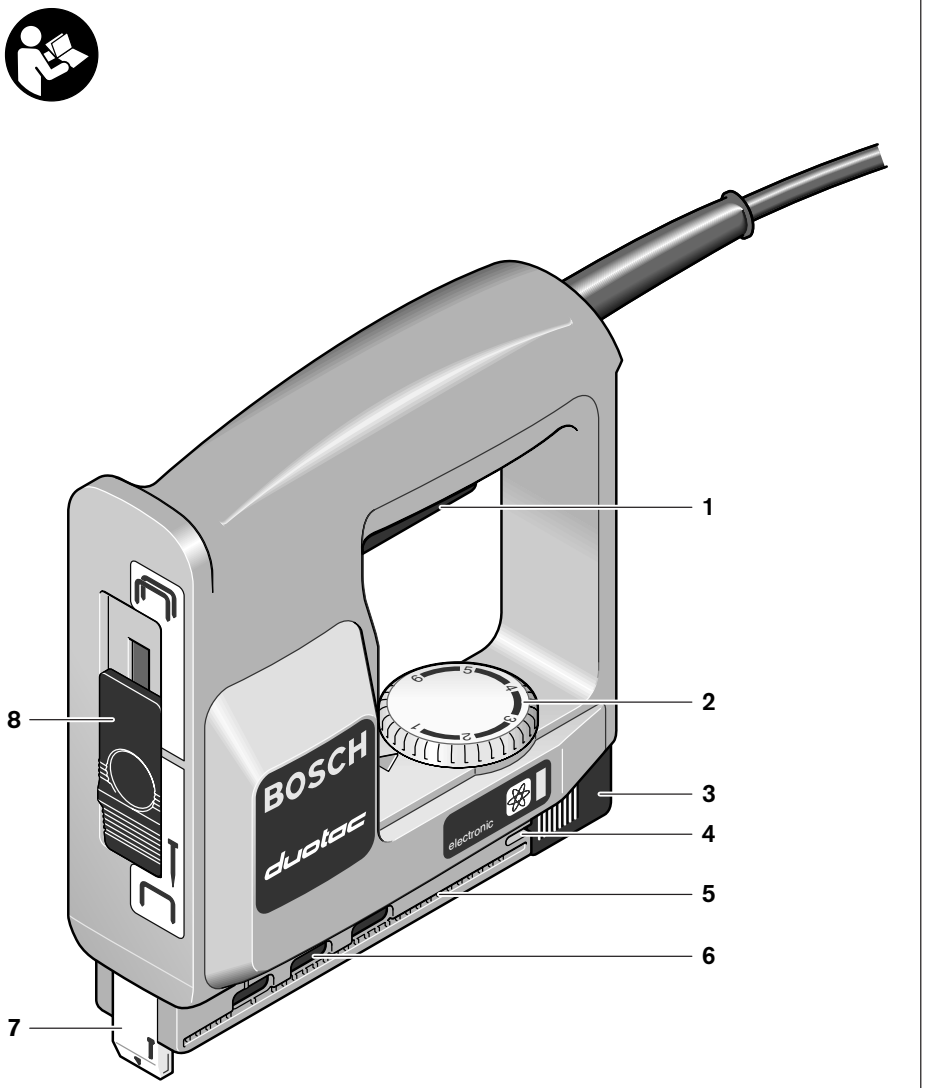

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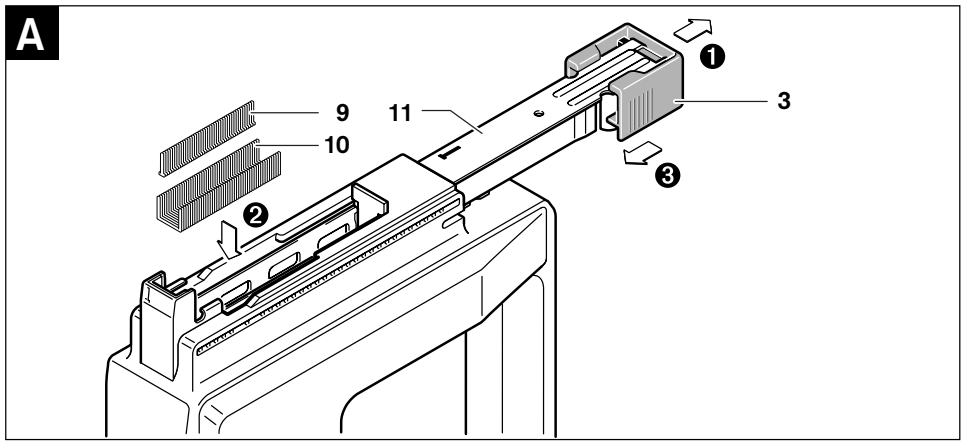
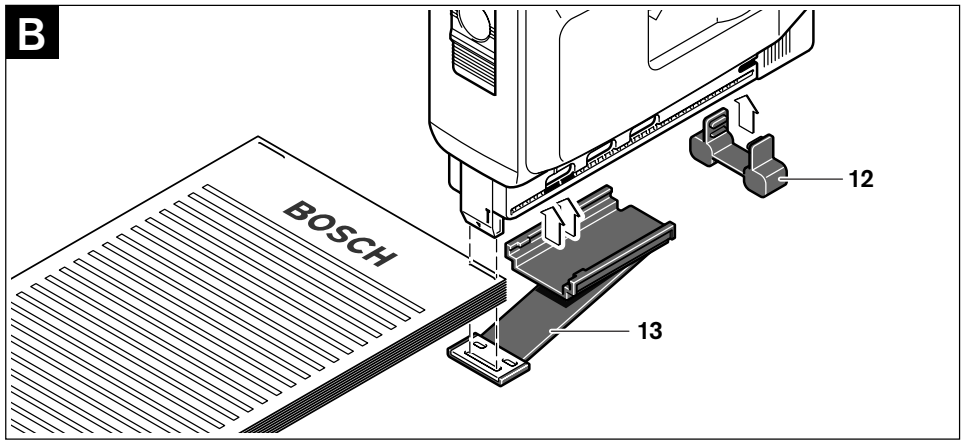
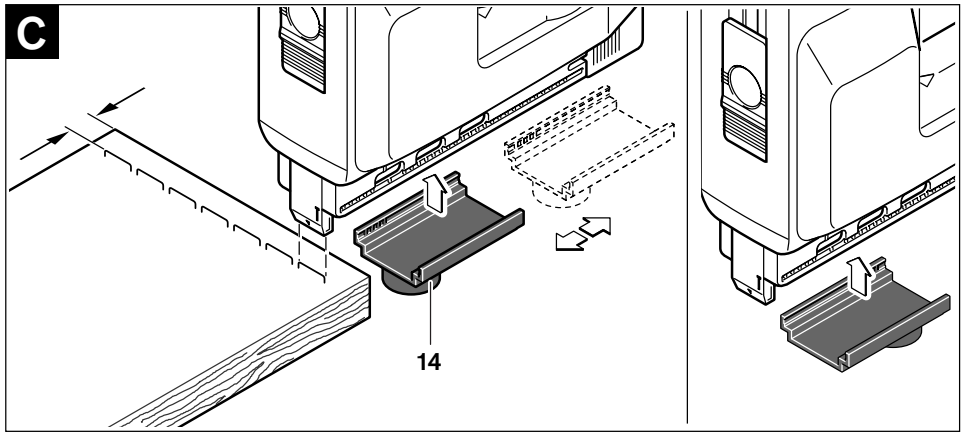






General Power Tool Safety Warnings

⚠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.

1) Work area safety

a) Keep work area clean and well lit. Cluttered or dark areas invite accidents.

b) 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.

c) Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

2) Electrical safety

a) 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.

b) 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.

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

d) 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 or moving parts. Damaged or entangled cords increase the risk of electric shock.

e) 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.

f) 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.

3) Personal safety

a) 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.

b) 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.

c) 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.

d) 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.

e) Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.

f) 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.

g) 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.

4) Power tool use and care

a) 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.

b) 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.

c) 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.

d) 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.

e) 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.

f) Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.

g) 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.

5) Service

a) 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.

Machine-specific Safety Warnings

- **Secure the workpiece.** A workpiece clamped with clamping devices or in a vice is held more secure than by hand.
- **Never use the machine with a damaged cable. Do not touch the damaged cable and pull the mains plug when the cable is damaged while working.** Damaged cables increase the risk of an electric shock.
- **Connect machines that are used in the open via a residual current device (RCD).**
- **Keep your fingers away from the tacker head 7.** There is danger of injury when unintentionally actuating the On/Off switch.
- **Never point the machine at persons or animals.** Staples or nails shot from a short distance can cause considerable injuries.
- **Do not use the machine to fasten electrical wiring.** Contact with electric lines can lead to fire and electric shock.

Functional Description

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 tacking of cardboard, insulating material, fabric, foils, leather and similar materials on surfaces of wood or materials similar to wood. The machine is not suitable for the attachment of wall and ceiling panelling.

Product Features

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

1 Trigger
2 Thumbwheel for hammer-force preselection
3 Magazine slider
4 Latching aperture for support foot
5 Latching aperture for spacer clamp
6 Latching aperture for stapler plate
7 Tacker head
8 Duotac automatic selector switch
9 Nail strip*
10 Staple strip*
11 Magazine
12 Support foot*
13 Stapler plate*
14 Spacer clamp*

***Not all of the accessories illustrated or described are included as standard delivery.**

Technical Data

Tacker		**PTK 14 E**
Article number		0 603 265 2..
Impact rate	bpm	30
Intermittent operation	min	15
Staple width	mm	11.4
Staple length	mm	6–14
Nails	mm	14
Magazine capacity, max.		100
Weight according to EPTA-Procedure 01/2003	kg	1.1
Protection class		⧈/II

The values given are valid for nominal voltages [U] of 230/240 V. For lower voltage and models for specific countries, these values can vary.

Please observe the article number on the type plate of your machine. The trade names of the individual machines may vary.

Noise/Vibration Information

Measured values determined according to EN 50144.

Typically the A-weighted sound pressure value of the machine is 83 dB(A). Measuring uncertainty K=3 dB. The noise level when working can exceed 85 dB(A). **Wear hearing protection!**

The typical hand/arm vibration is below 2.5 m/s^2.

Declaration of Conformity CE

We declare under our sole responsibility that this product is in conformity with the following standards or standardization documents: EN 50144 according to the provisions of the directives 89/336/EEC, 98/37/EC.

Dr. Egbert Schneider
Senior Vice President
Engineering

Dr. Eckerhard Strötgen
Head of Product
Certification

Robert Bosch GmbH, Power Tools Division

Assembly

Loading the Magazine (see figure A)

Before any work on the machine itself, pull the mains plug.

- **Use only original Bosch accessories.** The precision components of the tacker, such as magazine, striker and impact channel, are adapted for Bosch staples, nails or pins. Other manufacturers use different steel qualities and measures.

❶ Press on both sides of the magazine slider **3** and pull out the magazine **11**.

❷ Insert the staple strip **10** or the nail strip **9**. Hold the tacker at a slight angle when inserting the nail strip **9**, so that the nails face against the sidewall.

❸ Slide in the magazine **11** until the closure on the magazine slider **3** engages.

Operation

Starting Operation

Observe correct mains voltage! The voltage of the power source must agree with the voltage specified on the nameplate of the machine. Power tools marked with 230 V can also be operated with 220 V.

Switching On and Off

At **first**, firmly place the tacker head **7** against the workpiece until it is pushed in a few millimeters. **Afterwards**, briefly press the trigger **1** and then release again.

The trigger lock, which is connected with the movable tacker head **7**, prevents unintentional shot actuation when the trigger **1** is inadvertently pressed.

For rapid working, keep the trigger **1** pressed. Position the machine and press the tacker head **7** firmly against the workpiece until the shot is actuated. After the shot, move the tacker to the next location and press the tacker head **7** firmly onto the workpiece again.

Hammer-force Preselection

With the thumbwheel for hammer-force preselection **2**, it is possible to preselect the required hammer force in steps.

The required hammer force depends on the length of the staples or nails, and on the strength of the material. The optimal hammer-force setting is best determined through practical testing.

The data in the following table are recommended values.

When operating with two staples (Duotac function), the hammer-force preselection must be set approx. one level higher with the thumbwheel **2**.

Structural Material	mm	mm	Position of Thumbwheel 2	
Hardwood (Beech) 	6 8 10 12 14 –	– – – – – 14	3 3–4 4 4 4–5 6	4 4 5 5 5–6 –
Softwood (Pine) 	6 8 10 12 14 –	– – – – – 14	1 2 2–3 3 3 3	2 2–3 3 3–4 4 –
Particle Board 	6 8 10 12 14 –	– – – – – 14	2–3 3–4 3–4 4 4 4	4 4 4 5 5–6 –
Wood core plywood 	6 8 10 12 14 –	– – – – – 14	2 3 3 3–4 3–4 4	4 4 4–5 5 5 –

Duotac-automatic

With the Duotac-automatic function, two staples are shot at the same time. Shooting two staples at the same time prevents tearing out, e.g., of thin fabrics or foils. The Duatac-function is not possible when working with nails.

To shoot two staples at the same time, push the selector switch for Duatac-automatic **8** upward. To shoot one stapel or one nail, push the selector switch for Duatac-automatic **8** downward.

Operating Instructions

This machine is not suitable for working with 19 mm staples. Therefore, do not use the machine to fasten ceiling panelling with profiled wood or grooves.

Avoid blank shots in order to reduce the wear of the impact striker. After finishing your work, set the hammer force with the thumbwheel for hammer-force preselection **2** to a low value, in order to relieve the tension spring.

The machine is designed only for intermittent operation and will warm up with continuous use. The tacking force is reduced as a result of heating up. Therefore, allow the machine to cool off after 15 minutes (maximum) of continuous operation.

Stapler Plate (see figure B)

With the stapler plate **13**, materials with a thickness of up to 8 mm, such as notepads, seminary paperwork, thin-walled pressboard or fabrics, can be stapled.

Depending on the click-on position of the stapler plate **13**, the stapler tips are bent toward the inside or outside.

The data in the following table are recommended values. Determine the settings for double-staple application (Duotac) through practical testing. The staples used must be 3–4 mm longer than the thickness of the material.

Staple length	mm	6	8	10	12
Material thickness	mm	3	4	6	8
Position of Thumbwheel **2**					
Stapling paper		3	3–4	5	6
Stapling fabric		1	2	2–3	3

Support Foot (see figure B)

The support foot **12** enables exact vertical placement of the machine.

Spacer Clamp (see figure C)

The spacer clamp **14** enables tacking of staples/nails with consistent clearance to the workpiece edges. The variable possibilities for clicking on allows for many clearance levels.

Maintenance and Service

Maintenance and Cleaning

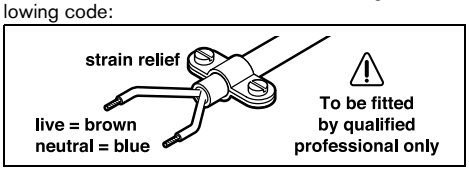
Before any work on the machine itself, pull the mains plug.

For safe and proper working, always keep the machine and ventilation slots clean.

If the machine should fail despite the care taken in manufacturing and testing procedures, repair should be carried out by an after-sales service centre for Bosch power tools.

In all correspondence and spare parts order, please always include the 10-digit article number given on the type plate of the machine.

WARNING! Important instructions for connecting a new 3-pin plug to the 2-wire cable.
The wires in the cable are coloured according to the following code:



Do **not** connect the blue or brown wire to the earth terminal of the plug.
Important: If for any reason the moulded plug is removed from the cable of this power tool, it must be disposed of safely.

Service and Customer Assistance

Exploded views and information on spare parts can be found under:
www.bosch-pt.com

Great Britain
Robert Bosch Ltd. (B.S.C.)
P.O. Box 98
Broadwater Park
North Orbital Road
Denham-Uxbridge
Middlesex UB 9 5HJ
✆ Service: . . . . . +44 (0) 18 95 / 83 87 82
✆ Advice line:. . . . . +44 (0) 18 95 / 83 87 91
Fax: . . . . . +44 (0) 18 95 / 83 87 89

Ireland
Beaver Distribution Ltd.
Greenhills Road
Tallaght-Dublin 24
✆ Service: . . . . . .+353 (0)1 / 4 14 94 00
Fax: . . . . . .+353 (0)1 / 4 59 80 30

Australia and New Zealand
Robert Bosch Australia Pty. Ltd.
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1555 Centre Road
P.O. Box 66
3168 Clayton/Victoria
✆ . . . . . .+61 (0)1 / 3 00 30 70 44
Fax: . . . . . .+61 (0)1 / 3 00 30 70 45
www.bosch.com.au

Disposal

The machine, accessories and packaging should be sorted for environmental-friendly recycling.

Only for EC countries:

Do not dispose of power tools into household waste!
According the European Guideline 2002/96/EC for Waste Electrical and Electronic Equipment and its implementation into national right, power tools that are no longer usable must be collected separately and disposed of in an environmentally correct manner.

Subject to change without notice.