

64mm Palm Sander 450W

TCMBS

Slim and lightweight with a powerful 450W / 3.5A motor, the TCMBS Palm Sander is designed for single-handed use on most wood surfaces. Delivering ample power for a high rate of stock removal across a broad range of materials, the flush side allows sanding up to the edge of the workpiece. For confined areas or intricate projects, the small diameter front roller allows sanding in tight, awkward spaces. Fitted with a comfortable, over-moulded grip and dust extraction port for safe, clean working, the Triton Palm Sander is designed for on-the-spot convenience and makes light work of most common sanding applications.

- Efficient 450W / 3.5A motor makes light work of common sanding applications
- Fits neatly in the palm for single-handed use
- 64 x 406mm / 2-1/2" x 16" belt for intricate work
- Comfortable lock-on function
- Quick-release belt lever
- Flush side for sanding up to the edge of the workpiece



Technical Specification

Product Height	135mm
Product Length	255mm
Product Width	105mm
Product Weight	2.1kg
Power	450W
No Load Speed	340m/min
Sound Pressure LP	87.6dB
Belt Adjustment	Yes
Dust Extraction	Yes
Finish	Rubber over-mould
Power Lock On	Yes
Sanding Belt Size	64 x 406mm

What's in the Box

- 1 x 450W Palm belt sander
- 3 x Sanding belts (80, 100, 120 grit)
- Dust extraction adaptor

GB Operating and Safety Instructions

NL Bedienings- en veiligheidsvoorschriften

FR Instructions d'utilisation et consignes de sécurité

DE Gebrauchs- und Sicherheitsanweisung

IT Istruzioni per l'uso e la sicurezza

ES Instrucciones de uso y de seguridad

PT Instruções de Operação e Segurança

PL Instrukcja obsługi i bezpieczeństwa

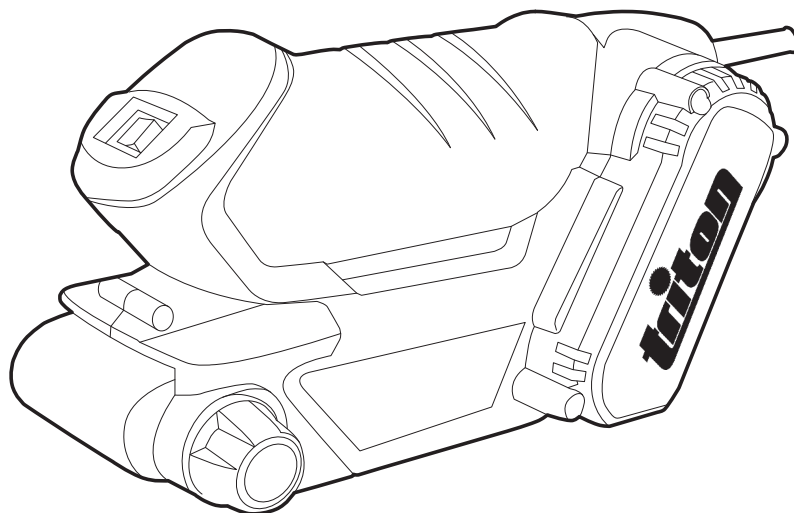
RU Инструкции по эксплуатации и правила техники безопасности

HU Kezelési és biztonsági utasítások

CZ Provozní a bezpečnostní pokyny

SK Prevádzkové a bezpečnostné pokyny

TR Çalima ve Güvenlik Talimatları



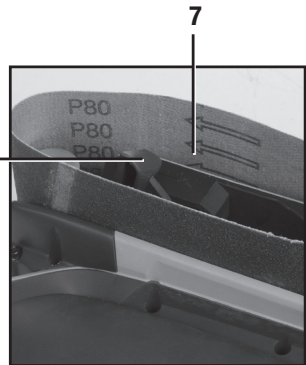


Fig.A



Fig.B



Fig.C



Original Instructions

Thank you for purchasing this Triton tool. This manual contains information necessary for safe and effective operation of this product. This product has unique features and, even if you are familiar with similar products, it is necessary to read this manual carefully to ensure you fully understand the instructions. Ensure all users of the tool read and fully understand this manual.

Description of Symbols



Wear hearing protection
Wear eye protection
Wear breathing protection
Wear head protection



Read instruction manual



Wear hand protection



Caution!



WARNING: Moving parts can cause crush and cut injuries



Indoors use only!



Class II construction (double insulated for additional protection)



Conforms to relevant legislation and safety standards.



Environmental Protection

Waste electrical products should not be disposed of with household waste.
Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.

Specification

Model No:	TCMBS
Voltage:	220-240V – 50Hz
Power:	450W/2A
Sandpaper type:	Belt
No load belt speed:	340m/min
Belt dimensions:	64 x 406mm (2.5" x 16")
Weight:	2.1kg / 4.63lbs

WARNING: Always wear ear protection where the sound level exceeds 85dB(A) and limit the time of exposure if necessary. If sound levels are uncomfortable, even with ear protection, stop using the tool immediately and check the ear protection is correctly fitted and provides the correct level of sound attenuation for the level of sound produced by your tool.

WARNING: User exposure to tool vibration can result in loss of sense of touch, numbness, tingling and reduced ability to grip. Long term exposure can lead to a chronic condition. If necessary, limit the length of time exposed to vibration and use anti-vibration gloves. Do not operate the tool with hands below a normal comfortable temperature, as vibration will have a greater effect. Use the figures provided in the specification relating to vibration to calculate the duration and frequency of operating the tool.

Sound and vibration levels in the specification are determined according to EN60745 or similar international standards. The figures represent normal use for the tool in normal working conditions. A poorly maintained, incorrectly assembled, or misused tool, may produce increased levels of noise and vibration. www.osha.europa.eu provides information on sound and vibration levels in the workplace that may be useful to domestic users who use tools for long periods of time.

General Safety

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.

WARNING: This appliance is not intended for use by persons (including children) with reduced, physical or mental capabilities or lack of experience or knowledge unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children must be supervised to ensure that they do not play with the appliance.

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

- 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.

2) 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 or 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.

3) 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.

4) 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.

5) 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.

Sanding Tool Safety



- Hold the power tool by insulated handles or gripping surfaces only, because the sanding belt/sheet may contact its own cord. Cutting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.
 - Use clamps or another practical way to secure the workpiece to a stable platform. Holding the workpiece by hand or against the body makes it unstable and may lead to loss of control.
 - Recommendation that the tool always be supplied via a residual current device with a rated residual current of 30 mA or less.
 - If the replacement of the supply cord is necessary, this has to be done by the manufacturer or his agent in order to avoid a safety hazard.
- ALWAYS wear appropriate protective equipment, including a dust mask with a minimum FFP2 rating, eye protection and ear defenders
 - Ensure all people in the vicinity of the work area are also equipped with suitable personal protective equipment
 - Take special care when sanding some woods (such as beech, oak, mahogany and teak), as the dust produced is toxic and can cause extreme reactions
 - NEVER use to process any materials containing asbestos. Consult a qualified professional, if you are uncertain whether an object contains asbestos
 - DO NOT sand magnesium or alloys containing a high percentage of magnesium
 - Be aware of paint finishes or treatments that may have been applied to the material that is being sanded. Many treatments can create dust that is toxic, or otherwise harmful. If working on a building constructed prior to 1960, there is an increased chance of encountering lead-based paints
 - The dust produced when sanding lead-based paints is particularly hazardous to children, pregnant women, and people with high blood pressure. DO NOT allow these people near to the work area, even if wearing appropriate personal protective equipment
 - Whenever possible, use a vacuum dust extraction system to control dust and waste
 - Be especially careful when using a machine for both wood and metal sanding. Sparks from metal can easily ignite wood dust. ALWAYS clean your machine thoroughly to reduce the risk of fire
 - Empty the dust bag or container (where applicable) frequently during use, before taking breaks and after completion of sanding. Dust may be an explosion hazard. DO NOT throw sanding dust into an open fire. Spontaneous combustion may occur when oil or water particles come into contact with dust particles. Dispose of waste materials carefully and in accordance with local laws and regulations.
 - Work surfaces and sandpaper can become very hot during use. If there is evidence of burning (smoke or ash), from the work surface, stop and allow the material to cool. DO NOT touch work surface or sandpaper until they have had time to cool
 - DO NOT touch the moving sandpaper
 - ALWAYS switch off before you put the sander down
 - DO NOT use for wet sanding. Liquids entering the motor housing can cause severe electric shocks
 - ALWAYS unplug the sander from the mains power supply before changing or replacing sandpaper
 - Even when this tool is used as prescribed it is not possible to eliminate all residual risk factors. If you are in any doubt as to safe use of this tool, do not use it

Product Familiarisation

1. On/Off Switch
2. Main Handle
3. Micro Adjustment Knob
4. Front Belt Roller
5. Drive Roller
6. Belt Tension Release Lever
7. Belt Direction Indicator

Accessories (not shown):

- 1 x dust bag adaptor
- 3 x sanding belts

Intended Use

Compact belt sander for intricate, light to medium duty sanding on soft and hard woods and similar materials.

Unpacking Your Tool

- Carefully unpack and inspect your tool. Fully familiarise yourself with all its features and functions
- Ensure that all parts of the tool are present and in good condition. If any parts are missing or damaged, have such parts replaced before attempting to use this tool

Before Use

Changing the sanding belt

WARNING: Always ensure that the tool is switched off and the plug is removed from the power point before fitting or removing sanding belts.

Note: A range of sanding belts from Triton, in a choice of grits, are available for use with this Palm Belt Sander.

1. Ensure the sander is disconnected from the power supply
2. Lift the Belt Tension Release Lever (6) to release tension on the belt
3. Choose a new belt according to intended task, eg: low grit rating produces faster stock removal, high grit rating for smoother finish
4. Check that the replacement belt has a good join and is not frayed at the edges
5. Position the new belt over the rollers, with the rotation arrows on the inside of the belt pointing in the same direction as the Belt Direction Indicator (7) on the sander.
6. Push the Belt Tension Release Lever (6) down to tension the belt
7. Hold the sander upside down and plug into the mains
8. With the belt running, use the Micro Adjustment Knob (3) to align the belt to the centre of the plate

Dust extraction

- It is recommended that the sander is connected to a vacuum cleaner or dust extractor, using the dust extraction port. This will significantly reduce the dust in the air around the work area
- If vacuum dust extraction is not available in your work area, a dust bag can be fitted to the dust extraction port using the included dust bag adaptor (Image A)
- A suitable breathing mask should be worn when operating this machine. All wood and paint dust is hazardous to health and may also be toxic.

Operation

Switching on and off

- Always hold the sander securely by the Main Handle (2)
- Ensure the sander is not in contact with the surface when the machine is switched on
- To switch the sander on, press the 'I' switch. To switch the sander off, press the 'O' switch

Sanding

WARNING: Do not apply too much pressure on the palm sander. Pushing down too hard may cause damage or reduce the life of the product.

WARNING: Keep hands away from the belt, as it will continue to move for a short time after the machine is switched off.

- Apply light pressure when the sander is brought into contact with the workpiece
- Allow the sander to reach full speed before moving it across the workpiece
- To remove paint or smooth very rough wood, sand across the grain at 45° in two directions and then finish parallel with the grain (Image B)
- Use the Front Belt Roller (4) only to sand corners or irregular shapes (Image C)
- Lift the sander clear of the workpiece before switching off

Accessories

- A range of accessories, including a variety of different grade sanding sheets, is available from your Triton dealer. Spare parts can be purchased from your Triton dealer or online at www.toolsparsonline.com

Maintenance

- This tool is manufactured using class-leading components and makes use of the latest in intelligent circuitry that protects the tool and its components. In normal use it should provide a long working life

Cleaning

- Keep your machine clean at all times. Dirt and dust will cause internal parts to wear quickly, and shorten the machine's service life. Clean the body of your machine with a soft brush or dry cloth. If available, use clean, dry, compressed air to blow through the ventilation holes

Storage

- Store this tool and its accessories after use in its case, in a dry, secure place out of the reach of children

Disposal

Always adhere to national regulations when disposing of power tools that are no longer functional and are not viable for repair.

- Do not dispose of power tools, or other waste electrical and electronic equipment (WEEE), with household waste
- Contact your local waste disposal authority for information on the correct way to dispose of power tools

Guarantee

To register your guarantee visit our web site at www.tritontools.com* and enter your details.

Your details will be included on our mailing list (unless indicated otherwise) for information on future releases. Details provided will not be made available to any third party.

Purchase Record

Date of Purchase: ___ / ___ / ___

Model: TCMB5

Retain your receipt as proof of purchase

Triton Precision Power Tools guarantees to the purchaser of this product that if any part proves to be defective due to faulty materials or workmanship within 3 YEARS from the

date of original purchase,

Triton will repair, or at its discretion replace, the faulty part free of charge.

This guarantee does not apply to commercial use nor does it extend to normal wear and tear or damage as a result of accident, abuse or misuse.

* Register online within 30 days.

Terms & conditions apply.

This does not affect your statutory rights

CE Declaration of Conformity

The undersigned: Mr Darrell Morris

as authorised by: Triton Tools

Declares that

Identification code: TCMB5

Description: 64mm Palm Sander 450W

Conforms to the following directives and standards:

- Machinery Directive 2006/42/EC
- Low Voltage Directive 2006/95/EC
- EMC Directive 2004/108/EC
- RoHS Directive 2011/65/EU
- EN60745-1:2009+A11:2010
- EN60745-2-4:2009+A11:2011
- EN55014-1+A2:2011

- EN55014-2+A2:2008
- EN61000-3-2+A2:2009
- EN61000-3-3:2008

Notified body: TÜV SÜD Product Service

The technical documentation is kept by: Triton Tools

Date: 13/08/15

Signed:



Mr Darrell Morris

Managing Director

Name and address of the manufacturer:

Powerbox International Limited, Company No. 06897059. Registered address: Central House, Church Street, Yeovil, Somerset BA20 1HH, United Kingdom.

