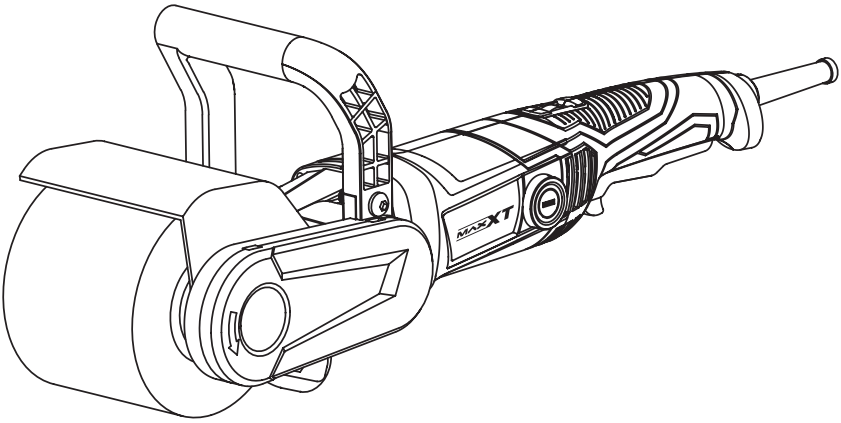
MAX PERFORMANCE
EXTRA FUN

MAXXT



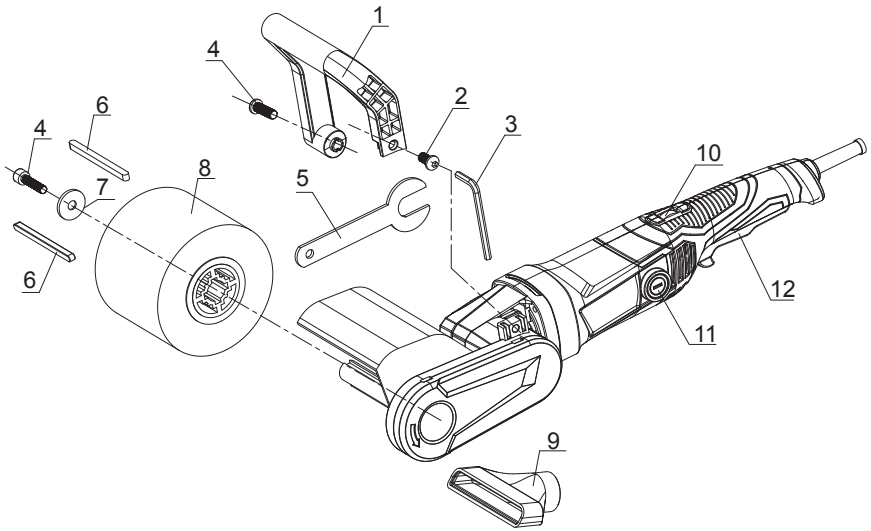
R7402-1

INSTRUCTION MANUAL

EN	DRUM POLISHER	P3-P13

WWW.MAXXT-TECH.COM

Fig.A



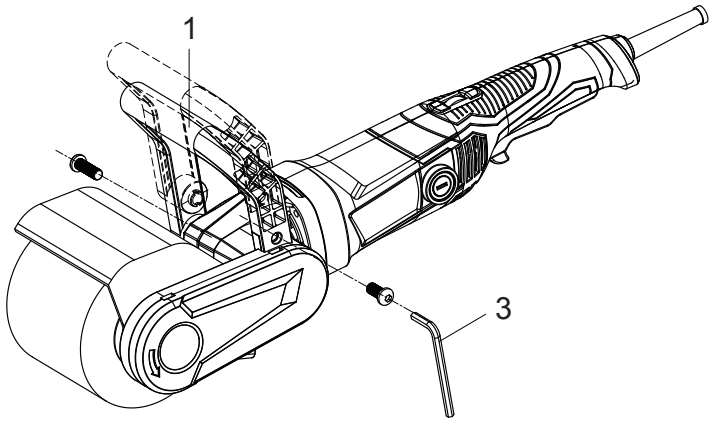
1. Assistant handle
2. HEX screw M8x16
3. Hex spanner S5/85MM
4. HEX screw M8x25
5. Wrench
6. Flat key 6x86.5
7. Washer
8. Drum wheel
9. Dust adaptor
10. Variable speed dial
11. Carbon brush cover
12. Switch

TECHNICAL SPECIFICATIONS

Model Number	**R7402-1**	**R7402-120-1**
Voltage	230V~50Hz	120V~60Hz
Power	1300W	10.8A
Rotation Speed	900-3700/min	
Max. Diameter Of Wheel	Ø120mm	
Protection class		
Net Weight	2.8kg	6.17lbs

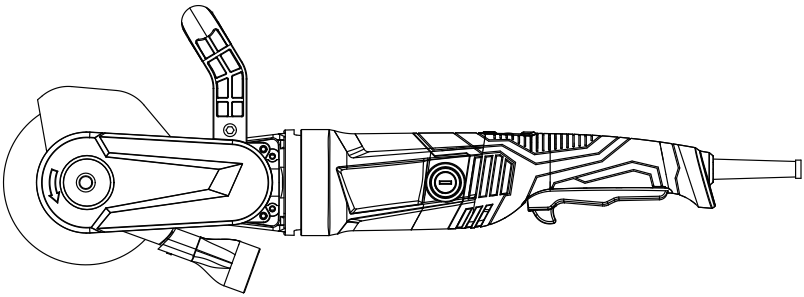
ASSISTANT HANDLE ASSEMBLY

Fig.B



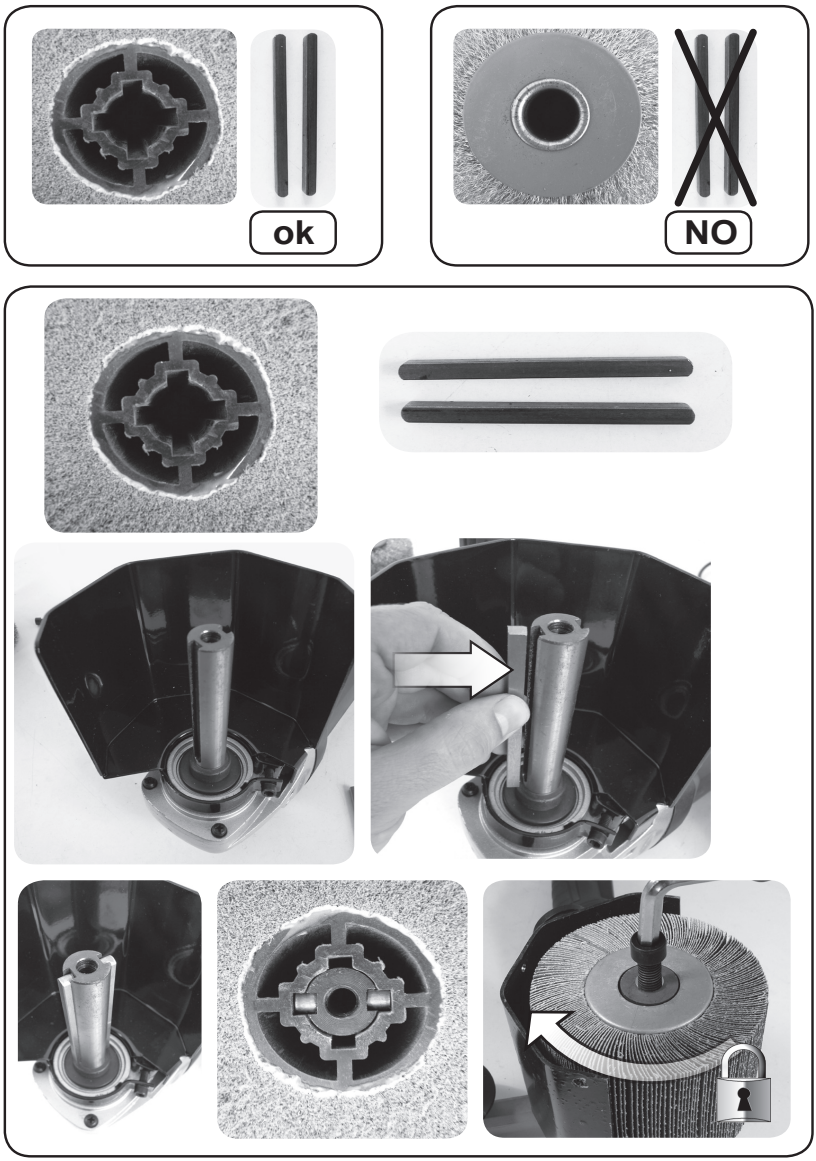
DUST ADAPTOR DEMONSTRATION

Fig.C



DRUM WHEEL CHOICE AND ASSEMBLY

Fig.D



SAFETY ALERT SYMBOLS AND WORDS

This instruction manual uses the following safety alert symbols and words to alert you to hazardous situations and your risk of personal injury or property damage.

DANGER: Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

WARNING: Indicates a potentially hazardous situation which, if not avoided could result in death or serious injury.

CAUTION: Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury. (Used without word) Indicates a safety related message.

NOTICE: Indicates a practice not related to personal injury which, if not avoided, may result in property damage.

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: To reduce the risk of injury, read the instruction manual.

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 mainsoperated (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 an earth leakage circuit breaker. Use of an earth leakage circuit breaker 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 jewelry. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewelry 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.

POWER TOOL-SPECIFIC SAFETY WARNINGS

SAFETY WARNINGS WHICH ARE COMMON FOR POLISHING OPERATION

> This power tool is intended to function as a polisher. 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.

> Operations such as grinding, sanding, wire brushing or the cutting-off are not recommended to be performed with this power tool. Operations for which the power tool was not designed may create a hazard and cause personal injury.

> Do not use accessories which are not specifically designed and recommended by the tool manufacturer. Just because the accessory can be attached to your power tool, it does not assure safe operation.

> The rated speed of the accessory must be at least equal to the maximum speed marked on the power tool. Accessories running faster than their rated speed can fly apart.

> The outside diameter and the thickness of your accessory must be within the capacity rating of your power tool. Incorrectly sized accessories cannot be adequately guarded or controlled.

> Threaded mounting of accessories must match the grinder spindle thread. for accessories mounted by flanges. the arbour hole of the accessory must fit the locating

diameter of the flange. Accessories that do not match the mounting hardware of the power tool will run out of balance, vibrate excessively and may cause loss of control.

> Do not use a damaged accessory. Before each use inspect the accessory such as abrasive wheels for chips and cracks, backing pads for cracks, tear or excess wear,wire brushes for loose or cracked wires. If the power tool or accessory is dropped,inspect for damage or install an undamaged accessory. After inspecting and installing an accessory, position yourself and bystanders away from the plane of the rotating accessory and run the power tool at maximum no load speed for one minute. Damaged accessories will normally break apart during this test time.

> Wear personal protective equipment 4.Depending on application, use face shield, safety goggles or safety glasses. As appropriate, wear dust mask, hearing protectors, gloves and shop apron capable of stopping small abrasive or workpiece fragments. The eye protection must be capable of stopping flying debris generated by various operations. The dust mask or respirator must be capable of filtrating particles generated by your operation. Prolonged exposure to high intensity noise may cause hearing loss.

> Keep bystanders a safe distance away from work area. Anyone entering the work area must wear personal protective equipment. Fragments of the workpiece or of a broken accessory may fly away and cause injury beyond the immediate area of operation.

> Hold the power tool by insulated gripping surfaces only, when performing an operation where the cutting accessory may contact hidden wiring or its own cord. Cutting accessory contacting a “live” wire may make exposed metal parts of the power tool “live” and could give the operator an electric shock.

> Position the cord clear of the spinning accessory. If you lose control, the cord may be cut or snagged and your hand or arm may be pulled into the spinning accessory.

> Never lay the power tool down until the accessory has come to a complete stop. The spinning accessory may grab the surface and pull the power tool out of your control.

> Do not run the power tool while carrying it at your side. Accidental contact with the spinning accessory could snag your clothing, pulling the accessory into your body.

> Regularly clean the power tool’s air vents. The motor’s fan will draw the dust inside the housing and excessive accumulation of powdered metal may cause electrical hazards.

> Do not operate the power tool near flammable materials. Sparks could ignite these materials.

> Do not use accessories that require liquid coolants. Using water or other liquid coolants may result in electrocution or shock.

FURTHER SAFETY INSTRUCTION FOR ALL OPERATIONS

KICKBACK AND RELATED WARNINGS

- Kickback is a sudden reaction to a pinched or snagged rotating wheel, backing pad, brush or any other accessory.Pinching or snagging causes rapid stalling of the rotating accessory which in turn causes the uncontrolled power tool to be forced in the direction opposite of the accessory’s rotation at the point of the binding.
- For example, if an abrasive wheel is snagged or pinched by the workpiece, the edge of the wheel that is entering into the pinch point can dig into the surface of the material causing the wheel to climb out or kick out. The wheel may either jump toward or away from the operator, depending on the direction of the wheel’s movement at the point of pinching. Abrasive wheels may also break under these conditions.
- Kickback is the result of power tool misuse and/or incorrect operating procedures or conditions and can be avoided by taking proper precautions as given below.

a) Maintain a firm grip on the power tool and position your body and arm to allow you to resist kickback forces. Always use auxiliary handle, if provided, for maximum control over kickback or torque reaction during start-up. The operator can control torque reactions or kickback forces, if proper precautions are taken.

b) Never place your hand near the rotating accessory. The accessory may kickback over your hand.

c) Do not position your body in the area where power tool will move if kickback occurs.

Kickback will propel the tool in the direction opposite to the wheel's movement at the point of snagging.

d) Use special care when working corners, sharp edges etc. Avoid bouncing and snagging the accessory. Corners, sharp edges or bouncing have a tendency to snag the rotating accessory and cause loss of control or kickback.

e) Do not attach a saw chain woodcarving blade or toothed saw blade. Such blades create frequent kickback and loss of control.

Safety warnings specific for polishing operations

Do not allow any loose portion of the polishing bonnet or its attachment strings to spin freely. Tuck away or trim any loose attachment strings. Loose and spinning attachment strings can entangle your fingers or snag on the work piece.

ADDITIONAL SAFETY WARNINGS

Wear safety goggles

GFCI and personal protection devices like electrician's rubber gloves and footwear will further enhance your personal safety.

> Do not use AC only rated tools with a DC power supply. While the tool may appear to work, the electrical components of the AC rated tool are likely to fail and create a hazard to the operator.

> Keep handles dry, clean and free from oil and grease. Slippery hands cannot safely control the power tool.

> Only use "wrap around" control handle, supplied with tool. Use of an auxiliary side handle will cause the hand to be within reach of the spinning accessory.

> Use clamps or other practical way to secure and support the work piece to a stable platform.Holding the work by hand or against your body is unstable and may lead to loss of control.

> Develop a periodic maintenance schedule for your tool. When cleaning a tool be careful not to disassemble any portion of the tool since internal wires may be misplaced or inched or safety guard return springs may be improperly mounted. Certain cleaning agents such as gasoline, carbon tetrachloride, ammonia, etc. may damage plastic parts. Risk of injury to user.

⚠ Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to cause cancer,birth defects or other reproductive harm.Some examples of these chemicals are:

> Lead from lead-based paints,

> Crystalline silica from bricks and cement and other masonry products, and

> Arsenic and chromium from chemically treated lumber.

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.

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.

SWITCHING ON AND OFF

To start the machine, place the On/Off switch(A).

To lock-on the switch, place Lock on switch (C) while holding On/Off switch (A). To release lockon switch, press On/Off switch (A) one time.

Check polishing tools before using. The polishing tool must be mounted properly and be able to move freely. Carry out a test run for at least one minute with no load. Do not use damaged, out-of-center or vibrating polishing tools. Damaged polishing tools can burst and cause injuries.

SPEED SELECTION

The required speed can be preselected with the dial control B (also while running the required speed depends on the material and the working conditions and can be determined through practical testing.

SPEED SELECTION

The required speed can be preselected with the dial control B (also while running the required speed depends on the material and the working conditions and can be determined through practical testing.

WORKING ADVICE
Wait until the machine has come to a standstill before placing it down.
Do not strain the power tool so heavily that it comes to a standstill.

POLISHING
- For polishing weathered paint or buffering out scratched (e.g. acrylic glass) the machine can be equipped with appropriate polishing accessories such as a lamb's wool bonnet, polishing felt or sponge (accessories).
- Select a low speed for polishing (stage 1-3) in order to avoid excessive heating of the surface.
- Apply polishing agent crosswise or in a circular motion with a polishing sponge and moderate pressure, and then allow it to dry lightly.
- Polish the partially dried polishing agent with crosswise or circular motions using a Wool pad.
- Clean the polishing accessories regularly to ensure good polishing results. Wash out polishing accessories with a mild detergent and warm water; do not use paint thinner.

MAINTAINANCE AND SEVICE

MAINTAINANCE 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. Blow low-pressure compressed air through the ventilation slots with the motor running tokeep motor clean.
> In extreme working conditions, conductive dust can accumulate in the interior of the power tool when working with metal. The protective insulation of the power tool can be degraded. The use of a stationary extraction system is recommended in such cases as well as frequently blowing out the ventilation slot and installing a ground fault circuit interrupter (GFIC).

SYMBOLS

On the product, the rating label and within these instructions you will find among others the following symbols and abbreviations. Familiarise yourself with them to reduce hazards like personal injuries and damage to property.

V ~	Volt, (Alternating voltage)	A	Amperes
Hz	Hertz	W	Watt
min	Minutes	~ or AC	Alternating current
⎓ or DC	Direct current		Class I Construction (grounded)
⎓ or AC/DC	Alternating or direct current		Class II Construction (double insulated)
n_0	No load speed	/min or min^{-1}	per minute
BPM	Beats per minute	n	Rated speed
IPM	Impacts per minute	RPM	Revolutions per minute
	Earthing terminal	sfpm	Surface feet per minute
dB(A)	Decibel (A-rated)	m/s^2	Metres per seconds squared
kg	Kilogram	mm	Millimetre
°C	Degree celsius	SPM	Strokes per minute
	Safety alert symbol		

Lock/to tighten or secure.

Note/ Remark.

Read the instruction.

Wear eye protection.

Wear protective gloves.

Switch the product off and disconnect it from the power supply before assembly, cleaning, adjustments, maintenance, storage and transportation.

The product complies with the applicable European directives and an evaluation method of conformity for these directives was done.

For use in dry indoor rooms only.

Switch the product off and remove battery pack before assembly, cleaning, adjustments, maintenance, storage and transportation.

Do not dispose of battery packs in rivers or immerse in water.

Do not expose battery pack to heat in excess of 40ºC. Do not charge or store the battery pack below 0°C (32°F) and above 40°C (104°F).

Unlock/to loosen.

Caution/ Warning.

Wear hearing protection.

Wear a dust mask.

Wear protective, slip-resistant footwear.

This product is of protection class II. That means it is equipped with enhanced or double insulation.

WEEE symbol. Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or local store for recycling advice.

Crossed out dust bin. Batteries and battery packs should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or local store for recycling advice.

Do not dispose of battery packs in fire. They will explode and cause injury.

Do not smoke in the work area, around the product and in the vicinity of flammable materials!

Open flames in the work area, around the product and in the vicinity of flammable materials are prohibited!

MAXXT

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