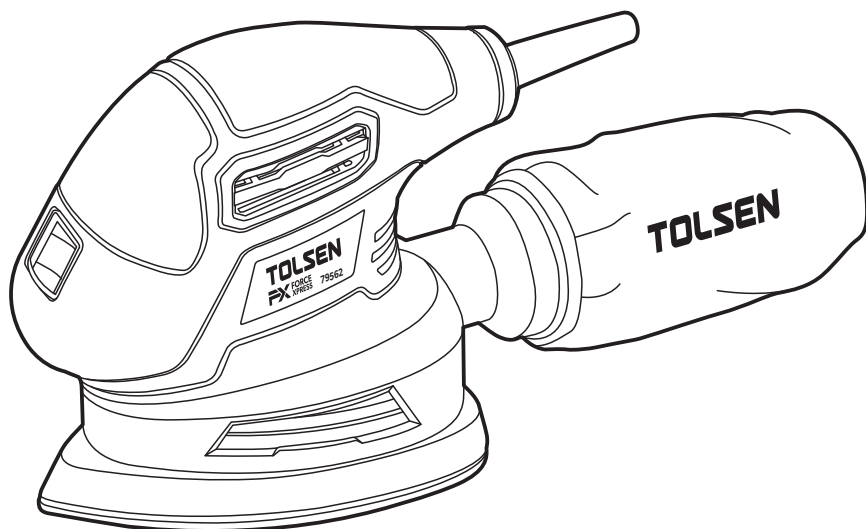


# TOLSEN **FX** FORCE XPRESS

## 79562 PALM DETAIL SANDER

INSTRUCTION MANUAL

200W 230V~50Hz



**SAVE THIS MANUAL !**

You will need this manual for safety instructions, operating procedures and warranty.

Put it and the original sales receipt in a safe dry place for future reference.

## IMPORTANT SAFETY INFORMATION

### General power tool safety warnings

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**WARNING:**

**read all safety warnings and 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.**

### Work area safety

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1. Keep work area clean and well lit. Cluttered or dark areas invite accidents.
2. 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.
3. Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

### Electrical safety

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1. Power tool plugs must match the outlet. never modify the plug in any way. Do not use any adapter plugs with grounded power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.
2. Avoid body contact with grounded surfaces such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is grounded.
3. Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
4. 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.
5. 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.
6. If operating a power tool in a damp location is unavoidable, use a Ground Fault circuit interrupter (GFCI) protected supply. Use of a GFCI reduces the risk of electric shock.

## Personal safety

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1. 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.
2. Use personal protective equipment. always wear eye protection. Safety equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
3. Prevent unintentional starting. Ensure the trigger is in the off-position before connecting to power source, picking up or carrying the tool. Carrying power tools with your finger on the Trigger or energizing power tools that have the Trigger on invites accidents.
4. Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
5. 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.
6. If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of these devices can reduce dust-related hazards.
7. Only use safety equipment that has been approved by an appropriate standards agency. Unapproved safety equipment may not provide adequate protection. Eye protection must be ANSI-approved and breathing protection must be NIOSH-approved for the specific hazards in the work area.

## Power tool use and care

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1. 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.
2. Do not use the power tool if the trigger does not turn it on and off. Any power tool that cannot be controlled with the Trigger is dangerous and must be repaired.
3. Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.
4. 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.
5. 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.
6. Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
7. 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.

## Service

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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.

## Belt and non-disc sander safety warnings

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1. Hold power tools by insulated gripping surfaces when performing an operation where the cutting tool may contact hidden wiring or its own cord. Contact with a " live " wire will make exposed metal parts of the tool " live " and shock the operator.
2. Maintain labels and nameplates on the tool. These carry important safety information. If unreadable or missing, contact Tolsen Tools for a replacement.
3. Avoid unintentional starting. Prepare to begin work before turning on the tool.
4. Do not lay the tool down until it has come to a complete stop. Moving parts can grab the surface and pull the tool out of your control.
5. When using a handheld power tool, maintain a firm grip on the tool with both hands to resist starting torque.
6. Do not leave the tool unattended when it is plugged into an electrical outlet. Turn off the tool, and unplug it from its electrical outlet before leaving.
7. This product is not a toy. Keep it out of reach of children.
8. People with pacemakers should consult their physician(s) before use. Electromagnetic fields in close proximity to heart pacemaker could cause pacemaker interference or pacemaker failure. In addition, people with pacemakers should:
  - Avoid operating alone.
  - Do not use with Trigger locked on.
  - Properly maintain and inspect to avoid electrical shock.
  - Properly ground power cord. Ground Fault Circuit Interrupter (GFCI) should also be implemented – it prevents sustained electrical shock.
9. The warnings, precautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

## Vibration Safety

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This tool vibrates during use. repeated or long-term exposure to vibration may cause temporary or permanent physical injury, particularly to the hands, arms and shoulders. to reduce the risk of vibration-related injury:

- 1.Anyone using vibrating tools regularly or for an extended period should first be examined by a doctor and then have regular medical check-ups to ensure medical problems are not being caused or worsened from use. pregnant women or people who have impaired blood circulation to the hand, past hand injuries, nervous system disorders, diabetes, or raynaud's Disease should not use this tool. if you feel any symptoms related to vibration (such as tingling, numbness, and white or blue fingers), seek medical advice as soon as possible.
- 2.Do not smoke during use. nicotine reduces the blood supply to the hands and fingers, increasing the risk of vibration-related injury.
- 3.Wear suitable gloves to reduce the vibration effects on the user.
- 4.Use tools with the lowest vibration when there is a choice.
- 5.Include vibration-free periods each day of work.
- 6.Grip tool as lightly as possible (while still keeping safe control of it). Let the tool do the work.
- 7.To reduce vibration, maintain the tool as explained in this manual. If any abnormal vibration occurs, stop use immediately.



**SAVE THESE INSTRUCTIONS.**

SPECIFICATIONS

Electrical rating	230V~50Hz
Input power	200W
No load speed	13,000 OPM
Pad size	140x140x90mm



Note: Symbology

	Intertek Testing Services inc.
	Double Insulated
	WARNING mark concerning Risk of Eye Injury. Wear ANSI-approved safety goggles with side shields
	Read the manual before set-up and/or use.
	Faulty and/or discarded electrical or electronic have to be collected all the appropriate recycling locations.

## SETUP - BEFORE USE:



Read the entire important safety information section at the beginning of this manual including all text under subheadings therein before set up or use of this product.

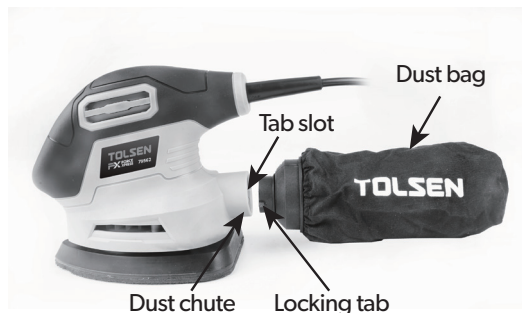
**Warning:** to prevent serious injury from accidental operation:

Make sure that the power Switch is in the off-position and unplug the tool from its electrical outlet before performing any procedure in this section.

**Note:** For additional information regarding the parts listed in the following pages, refer to the Assembly Diagram near the end of this manual.

## Assembly

1. Slide the dust bag onto the dust chute at the back of the sander. Push the dust bag fully onto the dust chute using firm pressure until the locking tabs snap into place in the tab slots.
2. The collection of the dust will only work if the sandpaper has holes that line up with the 6 dust collection holes in the backing pad. There are 4 other holes in the backing pad for the screws that attach the backing pad to the sander.



## FUNCTIONS





## OPERATING INSTRUCTIONS



Read the entire important safety information section at the beginning of this manual including all text under subheadings therein before set up or use of this product.

### Tool set up

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#### WARNING

Warning: to prevent serious injury from accidental operation:

Make sure that the power Switch is in the off-position and unplug the tool from its electrical outlet before performing any procedure in this section.

### Installing/removing sandpaper

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Notice: to prevent property damage, do not use damaged sanding pads.

1. Clean dust and dirt from backing pad.
2. Place hook and loop sanding pad on backing pad, lining up dust extraction holes in sanding pad with holes in backing pad.
3. To remove sanding pad, peel it away from backing pad.

### Workpiece and work area set up

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1. Workpiece selection:
  - a. Workpiece must be free of foreign objects.
  - b. Wear a NIOSH-approved respirator and have appropriate ventilation whenever sanding pressure treated lumber.
2. Designate a work area that is clean and well lit. The work area must not allow access by children or pets to prevent distraction and injury.
3. Route the power cord along a safe route to reach the work area without creating a tripping hazard or exposing the power cord to possible damage. The power cord must reach the work area with enough extra length to allow free movement while working.
4. Secure loose workpieces using a vise or clamps (not included) to prevent movement while working.
5. There must not be objects, such as utility lines, nearby that will present a hazard while working.

### General operating instructions

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1. Make sure that the Power Switch is in the off-position, then plug in the tool.
2. Push left side of Power Switch to ON position.
3. Allow Sander to come up to full speed, then apply to workpiece. Sand in direction of wood grain, letting Sander do the work.
4. Periodically:
  - a. Check sanding pad for wear and replace as needed.
  - b. Empty Dust Bag.
5. When finished, push right side of Power Switch to OFF position.
6. To prevent accidents, turn off the tool and unplug it after use. Clean, then store the tool indoors out of children's reach.

## MAINTENANCE AND SERVICING



Procedures not specifically explained in this manual must be performed only by a qualified technician.

### WARNING

Make sure that the trigger is in the off-position and unplug the tool from its electrical outlet before performing any procedure in this section.

Do not use damaged equipment. If abnormal noise or vibration occurs, have the problem corrected before further use.

## Cleaning, maintenance, and lubrication

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1. Before each use, inspect the general condition of the tool, check for:

- loose hardware,
- misalignment or binding of moving parts,
- damaged cord/electrical wiring,
- cracked or broken parts.
- any other condition that may affect its safe operation.

2. After use, wipe external surfaces of the tool with clean cloth.

3. Warning! If the supply cord of this power tool is damaged, it must be replaced only by a qualified service technician.

## TROUBLESHOOTING

Problem	Possible causes	Likely Solutions
Tool will not start.	<ol style="list-style-type: none"> <li>1.Cord not connected.</li> <li>2.No power at outlet.</li> <li>3.Internal damage or wear. (Carbon brushes or switch, for example.)</li> </ol>	<ol style="list-style-type: none"> <li>1.Check that cord is plugged in.</li> <li>2.Check power at outlet. If outlet is unpowered, turn off tool and check circuit breaker. If breaker is tripped, make sure circuit has right capacity for tool and circuit has no other loads.</li> <li>3.Have technician service tool.</li> </ol>
Tool operates slowly.	<ol style="list-style-type: none"> <li>1.Excess pressure applied to workpiece.</li> <li>2.Power being reduced by long or small diameter extension cord.</li> </ol>	<ol style="list-style-type: none"> <li>1.Decrease pressure, allow tool to do the work.</li> <li>2.Eliminate use of extension cord. If an extension cord is needed, use one with the proper diameter for its length and load. See Extension Cords in GROUNDING section.</li> </ol>
Performance decreases over time.	Carbon brushes worn or damaged.	Have qualified technician replace brushes.
Excessive noise or rattling.	Internal damage or wear. (Carbon brushes or bearings, for example.)	Have technician service tool.
Overheating.	<ol style="list-style-type: none"> <li>1.Forcing tool to work too fast.</li> <li>2.Blocked motor housing vents.</li> <li>3.Motor being strained by long or small diameter extension cord.</li> </ol>	<ol style="list-style-type: none"> <li>1.Allow tool to work at its own rate.</li> <li>2.Wear ANSI-approved safety goggles and NIOSH-approved dust mask/respirator while blowing dust out of motor using compressed air.</li> <li>3.Eliminate use of extension cord. If an extension cord is needed, use one with the proper diameter for its length and load. See Extension Cords in GROUNDING section.</li> </ol>
Tool does not grind, sand or brush effectively.	Accessory damaged, worn or wrong type for the material.	<p>Check condition and type of disc accessory.</p> <p>Use only proper type of disc accessory in good condition.</p>



Follow all safety precautions whenever diagnosing or servicing the tool. Disconnect power supply before service.

# CE DECLARATION OF CONFORMITY

WE  
SUZHOU TOLSEN TOOLS CO.,LTD.  
198 HUASHAN ROAD, ZHANGJIAGANG,  
JIANGSU, CHINA

Declare that the product  
79562 Palm detail sander  
230V~, 50Hz, 200W, Class II  
Serial number: N/A

Complies with the essential health and safety requirements of the following Directices:  
EC Machinery Directive 2006/42/EC  
The EMC Directive 2014/30/EU

Standards and technical specifications referred to:

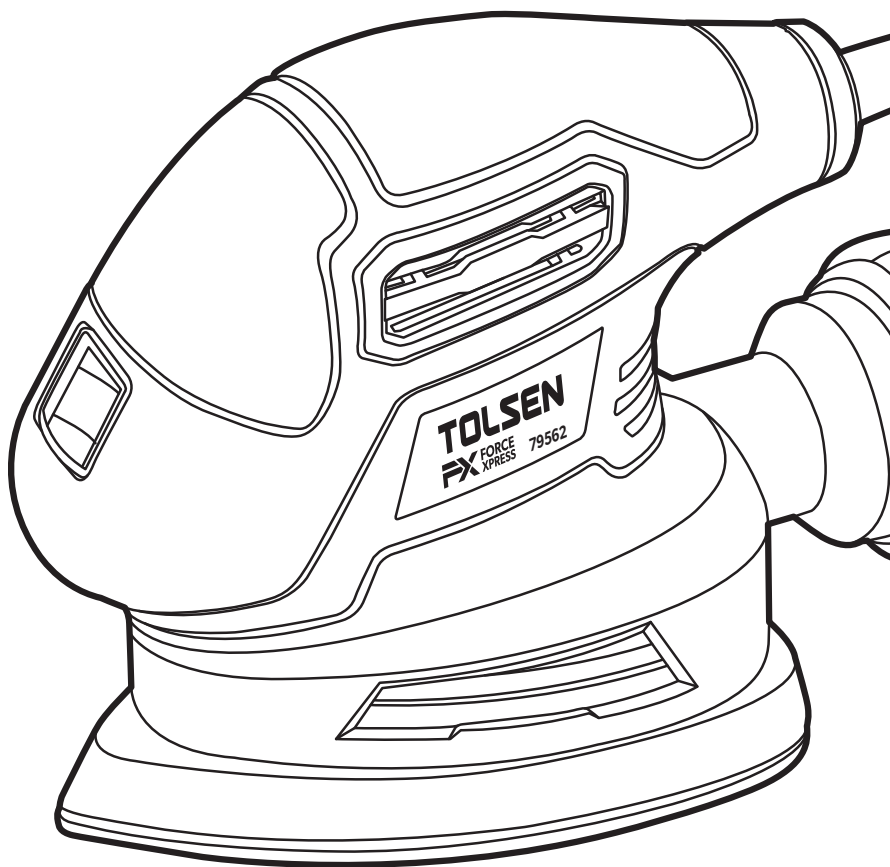
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EN 55014-2:1997+A1:2001+A2:2008  
EN 61000-3-2:2014  
EN 61000-3-3:2013

Authorised Signatory and technical file holder

Signed for and on behalf of:  
SUZHOU TOLSEN TOOLS CO.,LTD.  
198 HUASHAN ROAD, ZHANGJIAGANG,  
JIANGSU, CHINA  
ZHANG XING YU  
Group Quality Director

on:26/05/2020





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