



Operator's      Manual

®

# 2.5 Amp 1/3 SHEET SANDER

Model No. 320.39589



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## CRAFTSMAN ONE YEAR LiMiTED WARRANTY

FOR ONE YEAR from the date of purchase, this product is warranted against any defects in material or workmanship. With proof of purchase, defective product will be replaced free of charge.

For warranty coverage, details to obtain free replacement, page: [www.craftsman.com/warranty](http://www.craftsman.com/warranty)

This warranty does not cover the sandpaper, which is an expendable item that can wear out from normal use within the warranty period.

This ONE YEAR warranty is void if this product is ever used while performing commercial services or if rented to another person. For 90 DAY commercial and rental use terms, see the Craftsman warranty web page.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Sears Brands Management Corporation. Hoffman Estates, IL 60139



**WARNING:** Some dust created by power sanding, sawing, grinding, sawdust cutting, and other construction activities contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. Examples of these chemicals are:

- Lead from lead-based paints
- Crystalline silica from bricks and cement and other masonry products
- Arsenic and chromium from chemically-treated lumber.

Your risk from these exposures varies, depending on how often you 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.



The purpose of safety symbols is to attract your attention to possible hazards. The safety symbols and the explanations with them deserve your attention and understanding. The symbol warnings do not, by themselves, eliminate a hazard. The instructions and warnings that they give are for proper accident prevention measures.

**WARNING:** Be sure to read and understand all safety instructions in the manual, including all safety alert symbols such as "DANGER," "CAUTION" before using this tool. Failure to follow all instructions in the manual may result in electric shock, fire, and/or serious personal injury.

## SYMBOL SIGNAL MEANING

**SAFETY ALERT SYMBOL:** Indicates DANGER, WARNING, or CAUTION. This symbol must be used in conjunction with other symbols or pictographs.

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

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

**CAUTION:** Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

## Damage prevention and Information Messages

These inform the user of important information and/or instructions that, if not followed, could lead to equipment or other property damage. Each message is preceded by the word "NOTICE", as in the example below.

**NOTICE** Equipment and/or property damage may result if these instructions are not followed.





SAVE THESE INSTRUCTIONS

Some of these following symbols may be used on this tool. Please study and learn their meaning. Proper interpretation of these symbols operate the tool better and more safely.

SYMBOL	NAME	DESIGNATION/EXPLANATION
V	Volts	Voltage
A	Amperes	Current
Hz	Hertz	Frequency (cycles per
W	Watt	Power
min	Minutes	Time
	Alternating Current	Type of current
	Direct Current	Type or a characteristic
n o	No-load Speed	Rotational speed, at no
]	Class II Construction	Double=insulated cons
.../min	Per Minute	Revolutions, strokes, orbits, etc., per minute
	Wet Conditions	Alert Do not expose to rain or
	Read The Operator's Manual	read and understand To reduce the risk of injury before using this product.
O	Eye Protection	glasses with side shields Always wear safety shield when operating gc
	Safety Alert	Precautions that involve



## GENERAL POWER TOOL SAFETY WARNINGS

**WARNING:** Read all safety warnings and instructions. Failure to follow 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 power tool or battery-operated (cordless) power tool.

## WORK AREA SAFETY

- = Keep work area clean and well lit. Cluttered or dark areas increase the risk of injury.
- Do not operate power tools in explosive atmospheres, presence of flammable liquids, gases or dust. Power tool sparks 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 adaptor plugs with earthed (grounded) outlets. Unmodified plugs and matching outlets will reduce risk of electric shock.
- Avoid body contact with earthed or grounded surfaces such as 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. A power tool will increase the risk of electric shock.
- Do not abuse the cord. Never use the cord for carrying or pulling the power tool.



## PERSONAL SAFETY

- Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use tool while 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. Other protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injury.
- Prevent unintentional starting. Ensure the switch is in the "off" position before connecting to power source and/or battery pack, and before carrying the tool. Carrying power tools with your finger on the switch may result in energizing in 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 jewelry. Loose clothing and gloves away from moving parts. Loose clothes, long hair can be caught in moving parts.
- If devices are provided for the connection of dust extraction or collection facilities, ensure these are connected and properly maintained. These devices can reduce dust-related hazards.

## POWER TOOL USE AND CARE

- Do not force the power tool. Use the correct power tool for the 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 properly.



Keep cutting tools sharp and clean. Properly maintained sharp cutting edges are less likely to bind and are easier to cut.

Use the power tool, accessories and tool bits etc., in accordance with these instructions, taking into account the working conditions in which the work to be performed. Use of the power tool for operations other than those intended could result in a hazardous situation.

## 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.

Follow instructions in the Maintenance section of this manual. Use of unauthorized parts or failure to follow Maintenance instructions could result in a risk of shock or injury.

## SPECIFIC SAFETY RULES FOR SHEET SANDER

Hold power tools by insulated gripping surfaces, because sandpaper may contact its own cord. Cutting a "live" wire exposed metal parts of the power tool "live" and could give the operator electric shock.

- \* A suitable breathing respirator must be worn while sanding some woods and metal to avoid breathing the harmful/toxic dust.
- \* Always wear safety goggles and a dust mask when sanding over-head.
- \* The machine is not suitable for wet sanding.
- \* Secure the workpiece. A workpiece clamped with clamping vice is held more secure than by hand.
- \* Make sure the sandpaper is not contacting the workpiece on/off trigger switch is depressed.





KNOW YOUR SHEET SANDER (Fig. 1)

Fig. 1 Live-Tool Indicator Light Rear Handle  
Air Vent

Front Handle

Lock-o

On/Off

LED Worklight  
\\

Dust-e:

Platen

Paper l

Dust Box

Paper Punch

1/3 Sandpaper



## ORBITAL MOTION

Orbital motion is ideal for fast cutting action when removing or smoothing rough wood, cutting stock down to required dimensions, and finishing surfaces to be painted. The sandpaper moves in tiny circles at high speed, allowing the sander to move easily.

## LOCK=ON BUTTON

Locks the tool ON for continuous work.

## DUST BOX

Translucent dust box with micro-fine filter provides for efficient dust containment and extraction.

## LED WORKLIGHT

The LED worklight, located in the front of the tool, illuminates when the power switch is depressed. This feature provides extra light for increased visibility.

## PAPER CLAMP

The sander has two paper clamps designed to secure standard sandpaper to the platen.

## PAPER PUNCH

The paper punch can be used to punch holes in sandpapers, to allow air or dust material to pass through the sheet sander into the dust box or through a vacuum.

## LIVE-TOOL INDICATOR LIGHT

The LED indicator light illuminates green when the tool is plugged into a power source.