- H. Never saw a large workpiece that cannot be controlled.
- I. Never use the fence as a guide or length stop when crosscutting.
- J. Never saw a workpiece with loose knots, flaws, nails or other foreign objects.
- K. Never rip a workpiece shorter than 10" (254 mm).

L. Never use a dull blade - replace or have resharpened.

AWARNING: Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to the State of California 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 (CCA).

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.

Avoid prolonged contact with dust from power sanding, sawing, grinding, drilling, and other construction activities. Wear
protective clothing and wash exposed areas with soap and water. Allowing dust to get into your mouth, eyes, or lay on the skin
may promote absorption of harmful chemicals.

AWARNING: Use of this tool can generate and/or disburse dust, which may cause serious and permanent respiratory or other injury. Always use NIOSH/OSHA approved respiratory protection appropriate for the dust exposure. Direct particles away from face and body. Always operate tool in well-ventilated area and provide for proper dust removal. Use dust collection system wherever possible.

SAVE THESE INSTRUCTIONS

POWER CONNECTIONS

A separate electrical circuit should be used for your machines:

FOR THREE HORSEPOWER, SINGLE PHASE UNITS

A suitable circuit should not be less than AWG12/3 wiring where the ground wire is attached to an earth ground. The circuit should be protected by a circuit breaker or time delay fuse.

FOR FIVE HORSEPOWER, SINGLE PHASE UNITS

The circuit should not be less than #10 wire and should be protected with a 40 Amp time delay fuse.

NOTE: Time delay fuses should be marked "D" in Canada and "T" in the US. If an extension cord is used, use only 3-wire extension cords which have 3-prong grounding type plugs and matching receptacle which will accept the machine's plug. Before connecting the machine to the power line, make sure the switch is in the "OFF" position and be sure that the electric current is of the same characteristics as indicated on the machine. All line connections should make good contact. Running on low voltage will damage the machine.

ADANGER: SHOCK HAZARD. Do not expose the machine to rain or operate the machine in damp locations.

MOTOR SPECIFICATIONS

All Unisaw motors are rated for 60 HZ alternating current, but voltage and HP varies according to model:

Model:	Specifications:	
36-L336, 36-L35	3 HP, 230V single phase motor	
36-L552	5 HP, 230V single phase motor	
36-L552LVC	L552LVC 5 HP, 230V/460V three phase, dual votage motor	
A DANGER:	Before connecting the machine to the power source, make sure that the switch is in the "OFF" position.	

GROUNDING INSTRUCTIONS

ADANGER: SHOCK HAZARD. This machine must be grounded while in use to protect the operator from electric shock.

1. All grounded, cord-connected machines:

In the event of a malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This machine is equipped with an electric cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into a matching outlet that is properly installed and grounded in accordance with all local codes and ordinances.

Do not modify the plug provided - if it will not fit the outlet, have the proper outlet installed by a qualified electrician.

Improper connection of the equipment-grounding conductor can result in risk of electric shock. The conductor with insulation having an outer surface that is green with or without yellow stripes is the equipment-grounding conductor. If repair or replacement of the electric cord or plug is necessary, do not connect the equipment-grounding conductor to a live terminal.

Check with a qualified electrician or service personnel if the grounding instruction are not completely understood, or if in doubt as to whether the machine is properly grounded.

Use only 3-wire extension cords that have 3-prong grounding type plugs and matching 3-conductor receptacles that accept the machine's plug. Repair or replace damaged or worn cord immediately.

ADANGER: SHOCK HAZARD. In all cases, make certain that the receptacle in question is properly grounded. If you are not sure, have a qualified electrician check the receptacle.

Grounded, cord-connected machines intended for use on a supply circuit having a nominal rating between 150 -250 volts, inclusive:

If the machine is intended for use on a circuit that has an outlet that looks like the one illustrated in Fig. A or Fig. B, the machine will have a grounding plug that looks like the plug illustrated in Fig. A or Fig. B. Make sure the machine is connected to an outlet having the same configuration as the plug. No adapter is available or should be used with this machine. If the machine must be re-connected for use on a different type of electric circuit, the re-connection should be made by qualified service personnel; and after re-connection, the machine should comply with the National Electric Code and all local codes and ordinances.

NOTE: The plug for the 3 HP model looks like the plug illustrated in Fig. A. Make sure the 3 HP machine is connected to an outlet having the same configuration as the plug.

NOTE: The plug for the 5 HP model looks like the plug illustrated in Fig. B. Make sure the 5 HP machine is connected to an outlet having the same configuration as the plug.

3. Permanently connected machines:

If the machine is intended to be permanently connected, all wiring must be done by a qualified electrician and conform to the National Electric Code and all local codes and ordinances.

THREE PHASE OPERATION: Three phase machines are not supplied with a power cord and must be permanently connected to a building's electrical system. Extension cords can't be used with a three phase machine.

LVC MAGNETIC MOTOR CONTROL: If you purchased a machine that has a Low Voltage Magnetic Motor Control System, refer to its instruction manual for installation guidance.



FIG. A



FIG. B

EXTENSION CORDS

AWARNING: Use proper extension cords. Make sure your extension cord is in good condition and is a 3-wire extension cord which has a 3-prong grounding type plug and matching receptacle which will accept the machine's plug. When using an extension cord, be sure to use one heavy enough to carry the current of the machine. An undersized cord will cause a drop in line voltage, resulting in loss of power and overheating. Fig. C, shows the correct gauge to use depending on the cord length. If in doubt, use the next heavier gauge. The smaller the gauge number, the heavier the cord.

MINIMUM GAUGE EXTENSION CORD				
Ampere Rating	Volts	Total Length of Cord in Feet	Gauge of Extension Cord	
0-6	240	up to 50	18 AWG	
0-6	240	50-100	16 AWG	
0-6	240	100-200	16 AWG	
0-6	240	200-300	14 AWG	
6-10	240	up to 50	18 AWG	
6-10	240	50-100	16 AWG	
6-10	240	100-200	14 AWG	
6-10	240	200-300	12 AWG	
10-12	240	up to 50	16 AWG	
10-12	240	50-100	16 AWG	
10-12	240	100-200	14 AWG	
10-12	240	200-300	12 AWG	
12-16	240	up to 50	14 AWG	
12-16	240	50-100	12 AWG	
12-16	240	GREATER THAN 100 FEET NOT RECOMMENDED		
16-20	240	up to 50	10 AWG	
16-20	240	GREATER THAN 50 FEET NOT RECOMMENDED		