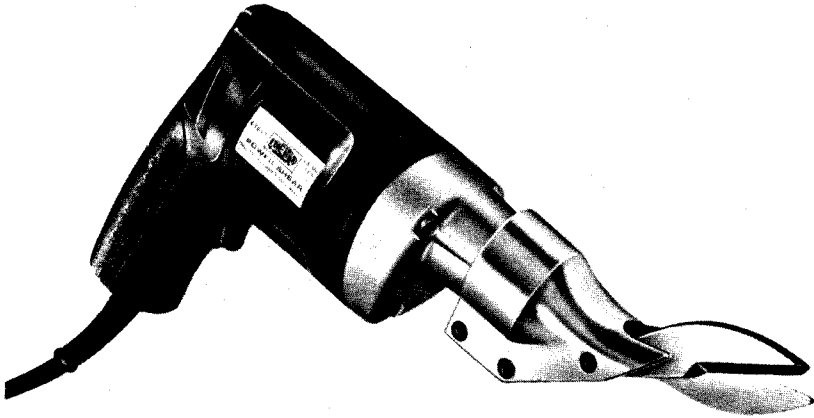




# Safety Rules

## KETT Electric Scissors Shear

The Kett Electrical Scissors Shear  
has a **DOUBLE INSULATED**  
power unit equipped with a  
**2 wire cord and**  
**2 prong plug.**



**K-180**  
Stationary Bottom Blade

Also available — K-170 and K-190 with  
Stationary Top Blade

### **Extension Cords**

Always check the extension cord and  
repair or replace if damaged.

### **Outdoor Use Extension Cords**

When tool is used outdoors, use only  
extension cords suitable for use  
outdoors and specifically so marked.

## Safety Rules

### CAUTION:

#### **KEEP HANDS AWAY FROM THE CUTTING BLADES AT ALL TIMES TO AVOID SERIOUS INJURY.**

Place the material being cut on a clean, clear surface. Make certain there is nothing beneath that could be mistakenly cut. Be certain the power cord is in the clear and free. The locking device has purposely been removed from the power unit for the sake of safety. If by chance a locking device is later installed on the power unit it SHOULD NEVER be locked in the "ON" position.

#### **Keep Work Area Clean**

Cluttered areas and benches invite accidents.

#### **Avoid Dangerous Environment**

Don't expose power tools to rain or snow. Don't use power tools in damp or wet locations. Keep work area well lit.

#### **Keep Children Away**

All visitors should be kept safe distance from work area.

#### **Store Idle Tools**

When not in use, tools should be stored in dry, high or locked-up place-out of reach of children.

#### **Don't Force Tool**

It will do the job better and safer at the rate for which it was designed.

#### **Use Right Tool**

Don't force a small tool to do the job of a heavy duty tool.

#### **Wear Proper Apparel**

No loose clothing or jewelry to get caught in moving parts. Rubber gloves and footwear are recommended when working outdoors.

#### **Use Safety Glasses**

Use safety glasses with most tools. Also face or dust mask if cutting operation is dusty.

#### **Don't Abuse Cord**

Never carry tool by cord or yank it to disconnect from receptacle. Keep cord from heat, oil, and sharp edges.

#### **Secure Work**

Use clamps or a vise to hold work. It's safer than using your hand and it frees both hands to operate tool.

#### **Don't Overreach**

Keep proper footing and balance at all times.

#### **Maintain Tools with Care**

Keep tools sharp and clean for best and safest performance. Follow instructions for lubricating and changing Center Blades and Side Knives.

#### **Disconnect Tools**

When not in use; before servicing; when changing Center Blades, Side Knives, Brushes, etc.

#### **Remove Adjusting Keys and Wrenches**

Form habit of checking to see that keys and adjusting wrenches are removed from tool before turning it on.

#### **Avoid Accidental Starting**

Don't carry plugged-in tool with finger on switch. Be sure switch is OFF when plugging in. Use of any accessory with this power unit might increase the hazard. The tool should be used only for the purpose for which it is designed.

#### **Read Operating Instructions Carefully.**

## Operating Instructions

Read Safety Rules carefully, and observe all precautions. The KETT Scissors Shear is recommended for woven wood slat type shades; carpeting and carpet underlay or padding; Linoleum; vinyl and rubber flooring tile; soft, pliable plastic sheeting up to  $\frac{1}{8}$ " thickness; and many other similar sheet like materials.

The Shear Head can be rotated a full 360 degrees on the power unit making it possible to position it to cut in close quarters. This feature also serves to set the oscillating blade to a preferred position either to the top or the bottom of the shear unit.

If resistance to tool develops or cutting becomes difficult, discontinue cutting and check the following: lubrication; thickness of material; sharpness of cutting blades. Blades can be sharpened.

### Motor

Be sure your power supply agrees with nameplate marking. Use Alternating Current Only (50 to 60 Cycles), 115 volts. Voltage variation of more than 10% will cause loss of power and overheating. Motors are factory tested. If this shear does not operate check the following: supply line for blown fuses; plug and receptacle for contact. This tool will stop when the brushes wear to a preset length. Damage to the motor is thus avoided.

## Maintenance

Tool may be cleaned and lubricated by the user but any other servicing including the changing of carbon brushes should be performed by the manufacturer or any authorized representative or service station.

### Cable

The cable or cord is the "life line" of your tool. Keep it clean by wiping it off occasionally. Keep it out of oils and greases. Coil it neatly when not in use and avoid dragging it across sharp surfaces or using it as a handle to lift the tool.

When using the tool at a considerable distance from power source, an extension cable of adequate size must be used to prevent loss of power and over-heating.

For extension cables up to 75 feet use number 18; for 100 feet use number 16; and for up to 200 feet use number 14 wire gage. If you are working with a 230 volt tool cable lengths may be doubled using the same wire gage sizes as prescribed above for the 115 volt tool.

## Lubrication

### **Always disconnect the Kett Electric Scissors Shear from power source before lubricating**

Once every three months, depending upon usage, remove the Shear Head from the power unit following the instructions given on the service sheet under the heading "Disassembly-To remove the shear head assembly from the drive motor." Put a few drops of heavy oil on the Eccentric Bearing Assembly (60-24) so that it saturates the needle bearing (60-24-2). Grease is even better if it can be forced or pressed into the needle bearing rollers. The outside surface of the Eccentric Bearing Ring (60-24-3) should also be greased.

Tools that have seen continuous use should also have the gear train lubricated periodically, preferably at the same time the eccentric bearing assembly is serviced. To lubricate the gears remove the screws that hold the gear case to the motor shell. Remove the gear case from the cover plate and wipe out the old grease with a cloth. Wash the gears and spindles with kerosene or cleaning fluid but **DO NOT WASH THE NEEDLE BEARINGS**. Refill the gear case **ONLY HALF FULL** with a good standard gear grease. Never fill more than half. The ball bearing in the gear case is a closed type bearing. It has been permanently lubricated at the factory to last the life of the bearing. This bearing should **NEVER** be immersed in a solvent or cleaning fluid.

Adherence to these maintenance instructions will greatly increase the life of your Kett Electric Scissors Shear so it will give you long and satisfactory service.

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