

# TROUBLE SHOOTING

## MATERIAL SLIPPAGE

Material Slippage is caused by the Brake not locking properly or fully along the entire length.

### To determine the need for Wedge Adjustment:

- A. Cut paper into sheets approximately 2" x 6".
- B. Insert paper into clamping position under each Shoe Casting.
- C. Lock Brake
- D. Try to remove paper while Brake is locked by lightly pulling on the paper. If paper slips out easily, that particular Casting should be adjusted.

### Solution:

- A. Clean and lubricate Wedges, Sliding Bar, and Clamping Bar. (see page 9)
- B. Tighten Fasteners for Hinges, Yoke, and Wedges.
- C. Inspect Shoe Casting for damage due to dropping or other accidental abuse. Replace if necessary (see page 12).

## SCRATCHES OR MARRING OF MATERIAL

- A. Do not use your Brake around your Saw Table as the cuttings may get between clamping members and cause excessive wear or material scratching.
- B. Wipe jaws clean during use to remove metal chips, dirt or shavings. This will prevent scratching of your clamping mechanism.
- C. If your material is getting scratched examine the Clamping Bar and Hinge for roughness or burrs. Replace worn parts.
- D. If you transport your Brake in the locked position, lock a piece of vinyl siding or cardboard between the clamping members. Vibration during transport can cause scoring of the clamping mechanism if dirt or foreign matter is present.
- E. Replace vinyl strip if excessively worn or nicked.

## UNEVEN BENDING

Uneven bending or "overbending" is material being bent more in one section than in another.

### Solution:

- A. Make sure material is being locked down securely prior to bending.
- B. Using Brake on uneven ground may cause some bowing or twisting to occur.
- C. Check fasteners on Fixed Hinge and Wedges for looseness and tighten. (see Replacing Wedges page 11)
- D. Check for cracked or broken Castings. Look on the top and underside of each casting. Replace part. (see page 12)
- E. Uneven bending may be caused by operator pulling on one end of the Lifting Handle rather than the center.
- F. Transporting your Brake other than in the flat working position may cause it to bow.
- G. Look for bow along the Fixed Hinge and Clamping Bar. These parts may need to be replaced.