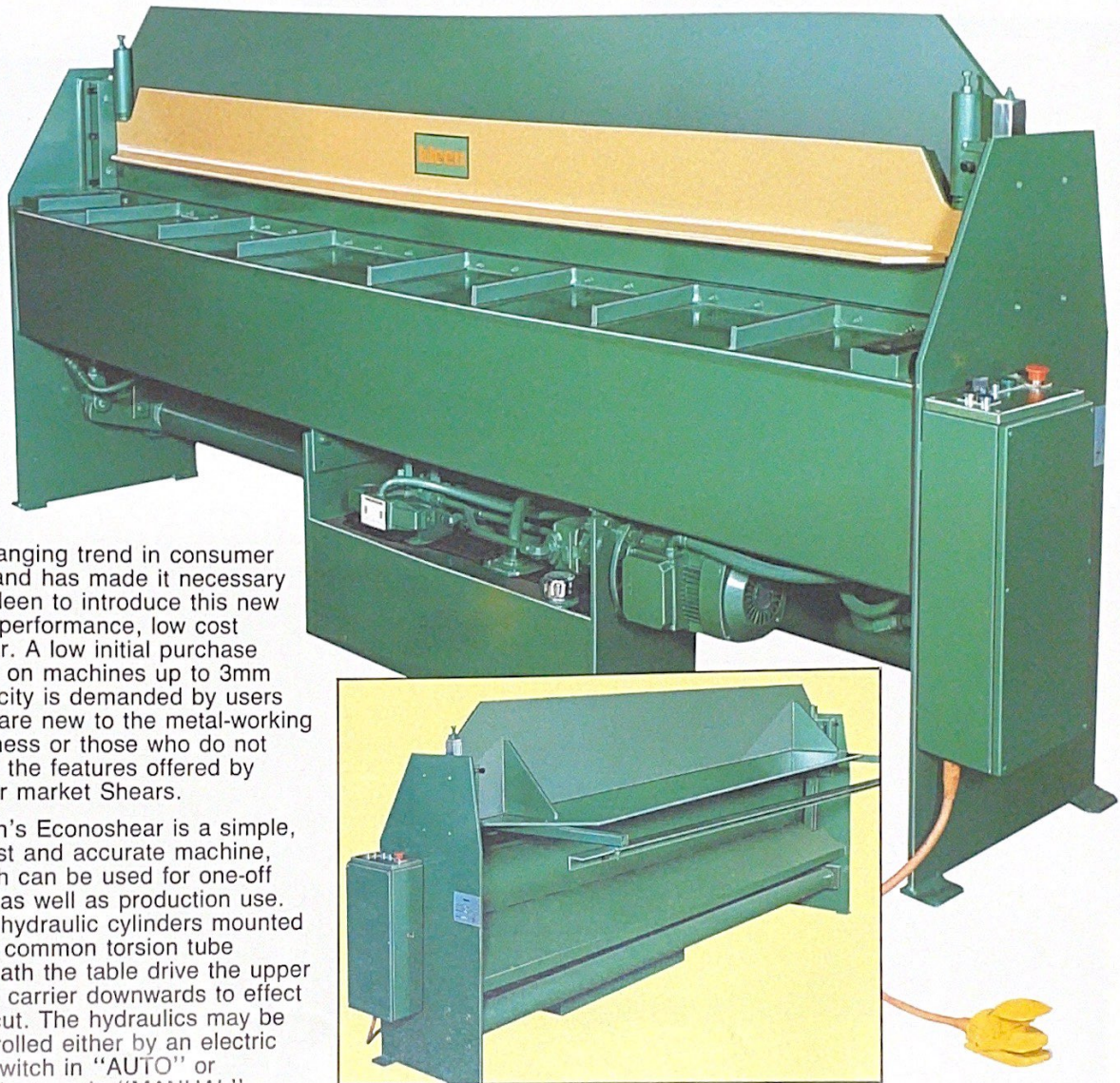


# Kleen Econoshears



A changing trend in consumer demand has made it necessary for Kleen to introduce this new high-performance, low cost Shear. A low initial purchase price on machines up to 3m capacity is demanded by users who are new to the metal-working business or those who do not need the features offered by upper market Shears.

Kleen's Econoshear is a simple, robust and accurate machine, which can be used for one-off jobs as well as production use. Two hydraulic cylinders mounted on a common torsion tube beneath the table drive the upper knife carrier downwards to effect the cut. The hydraulics may be controlled either by an electric footswitch in "AUTO" or pushbuttons in "MANUAL".

The speed of the machine is an outstanding feature and by use of Variable Stroke the moving top knife automatically returns to the top of stroke and ready for the next cut once the footswitch has been released.

A full length hold-down bar is spring-loaded to hold the material in place whilst being cut. It contacts the plate before the cut begins and the amount of holding force is variable, able to be set

by the operator. This means that for polished or soft materials, a light hold-down force can be used to prevent marking the surface.

Some of the outstanding features of this machine include:

- Sheet squaring guide, which can be fitted to either end of machine.
- Automatic full length mechanical hold-down bar.
- Single edged high speed steel inserted type knives.

- Lubrication to all points of wear.
- No special foundations necessary.
- Variable stroke control in "AUTO".
- Manual backgauge with 610mm range.
- Integral scrap chute.
- Drive and oil reservoir mounted under the table to conserve valuable floor space.

Capacities available:  
2m, 2.5m and 3m x 3.0mm mild steel