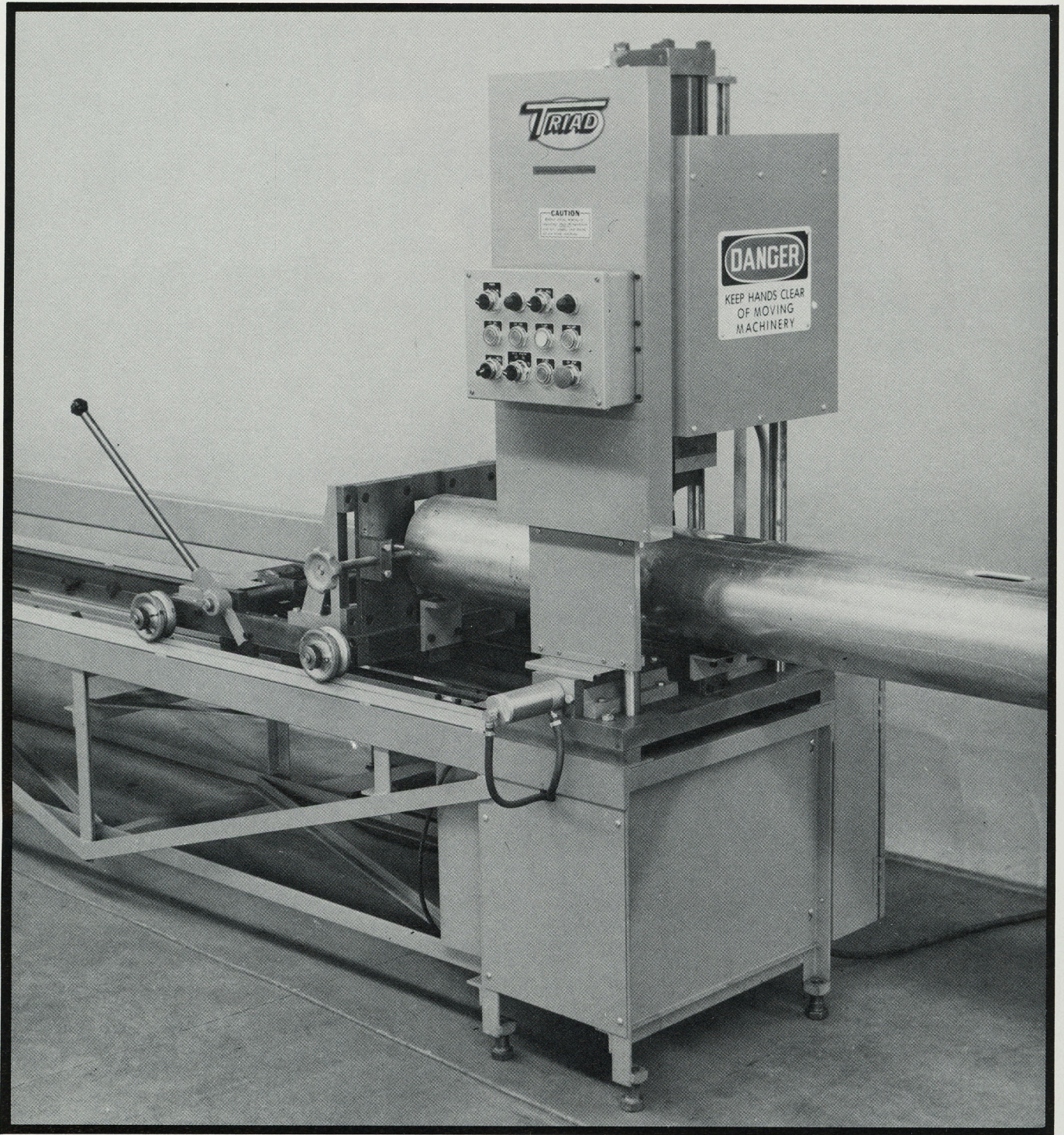




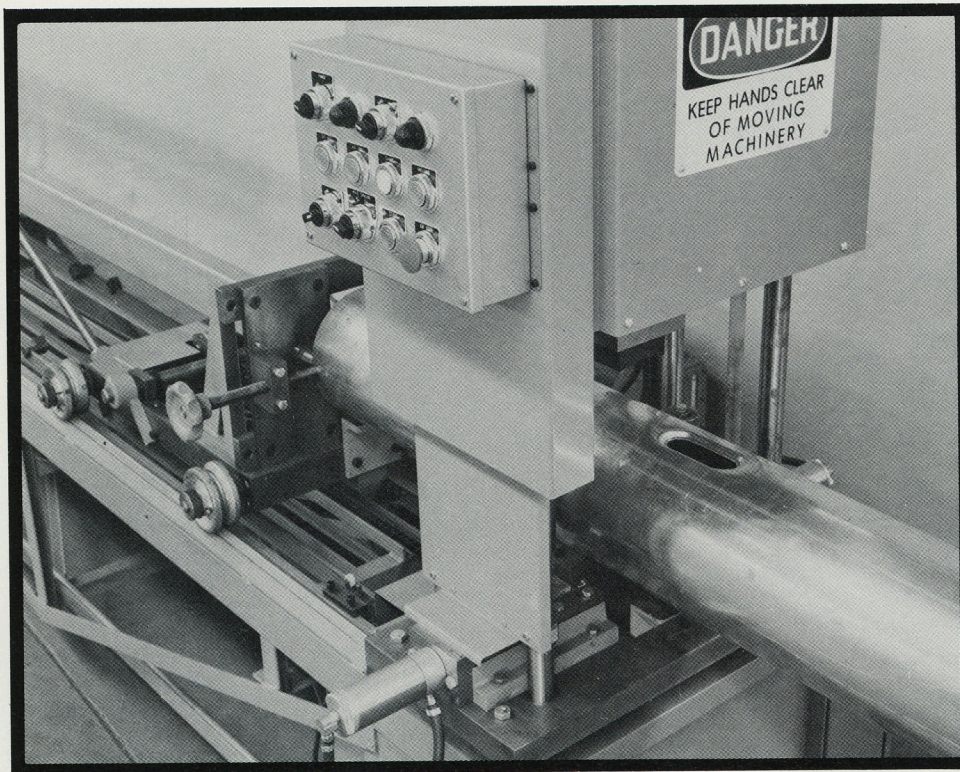
Gate Hole Puncher

THE GATE HOLE PUNCHER FORMS ANY SIZE HOLE, IN DIFFERENT SIZES OF PIPE, WITH QUICK-CHANGED SET-UP FIXTURES. IT IS SAFE, FAST, AND ECONOMICAL TO BUY AND USE. TOOLING IS FULLY DEVELOPED FOR THE RECTANGLE, ROUND, OVAL RECESSED, AND KEY-HOLE SHAPES. SAVE TIME. SAVE LABOR. SAVE MATERIALS. THE GATE HOLE PUNCHER HELPS TO CURB SPIRALING PRODUCTION COSTS.



The TRIAD Gate Hole Puncher is a rugged machine designed for fast, efficient, safe, economical punching of holes in pipe up to 40 Ft. long. Also TRIAD's Puncher automatically spaces holes at desired settings in 6, 8, 10 and 12 inch diameter pipe with or without couplings. Eliminating mis-aligned dies or dangerous router bits with no more burrs to file, reduces set-up time and accomplishes this with semi-skilled labor!

Reduce your production costs while increasing productivity and quality with the TRIAD Gate Hole Puncher.

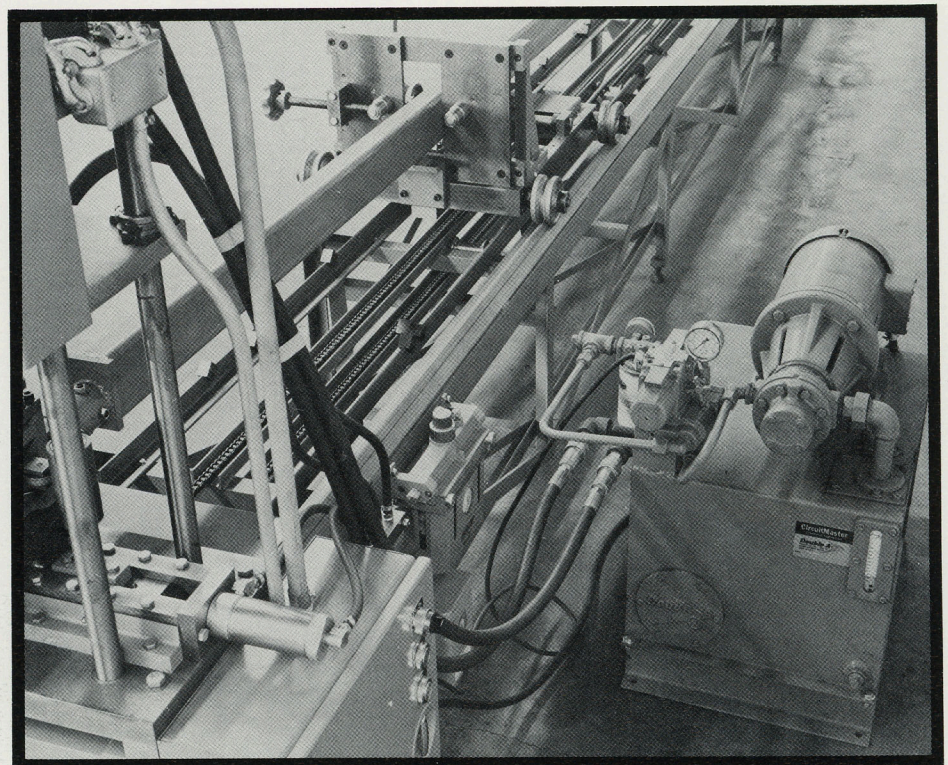


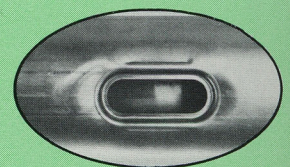
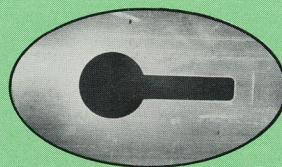
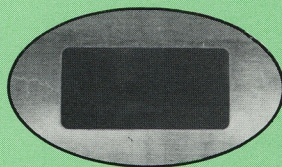
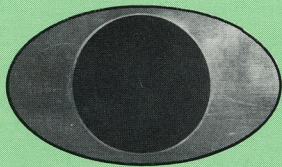
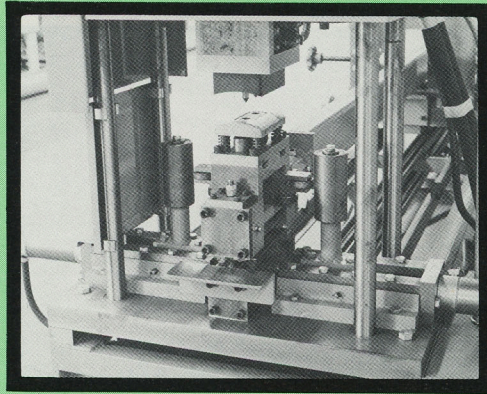
TRIAD's control system is simple to operate with the push-button station mounted at the head-end of the Gate Hole Puncher. The circuitry is designed to be maintenance free and is achieved by using only four or five standard relays and two timing relays. All controls are Westinghouse standard components, 120Volts, reduced by a transformer and fused to 5Amps. Cycle functions are electrically inter-locked to eliminate un-timely sequencing. When the pipe is clamped and ready, the start button will cycle a length of pipe, punching gate holes at one of four different spacings 20, 30, 36, or 40 inches as selected by the operator. A manual mode is provided allowing forward jog, reverse jog and punch cycle for random hole spacings.

The hydraulic system consists of an adjustable relief valve with a double solenoid (open center) directional valve mounted on a 20 gallon reservoir tank, including sight gage, filter, temperature gage, pressure gage and 3 phase motor with a 2000PSI, 56 PM Gerotor hydraulic pump.

The Hydraulic system plugs into outlets on the machine, using twist-lock electrical and quick disconnects on the hoses.

The pipe carriage is driven by a roller chain with both drive and return chain supported in full length troughs. Chain take-ups are provided which tighten the chain without effecting the hole spacing. Power is provided by a $\frac{1}{8}$ HP gear motor equipped with two air-operated clutches to allow reversing at 80FPM and forward punching at 60FPM.





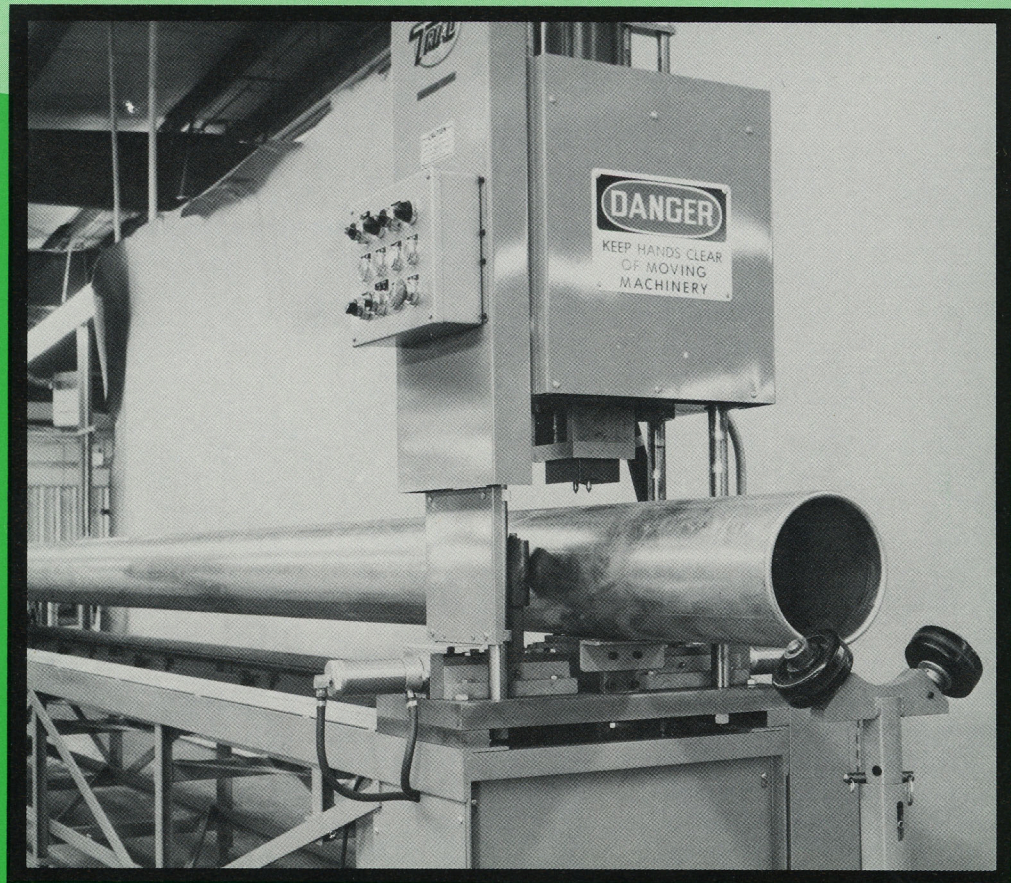
Punch the hole you need.....

In the size pipe you need.....

With the proper spacing you need....

Do it with A TRIAD GATE HOLE PUNCHER.....!!!!

Designed to
accept pipe with
a plain end or
coupler.



The Quiet Quality of Triad



For more information write or call:
TRIAD FASTENER CORPORATION
P.O. Box 130 ALDA, NEB. 68810
(308) 384-1780