

CROSLAND

ELECTRICALLY
OPERATED

CUTTING, CREASING AND EMBOSSING PRESSES

with infinitely variable "Dwell" from $\frac{1}{2}$ to 10 secs.



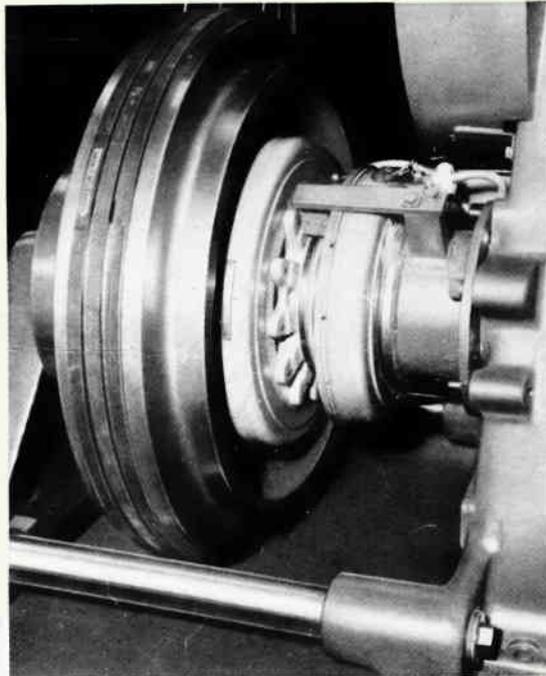
NEW "DWEEL" FEATURE

A most useful "extra" is a timing device which appreciably increases output. The Press can be left running at top speed and the setting of this device will give a period infinitely variable from $\frac{1}{2}$ to 10 secs. during which the block remains stationary in its open position, automatically re-starting at the end of the period. This is particularly useful when training an operator, for very fine register work, or large jobs needing single impression feeding on the conventional type Press. In these cases the output from the Press can be more than doubled as compared with normal single impression working.

This device is available for all sizes of Crosland Presses.

SINGLE IMPRESSION WORKING

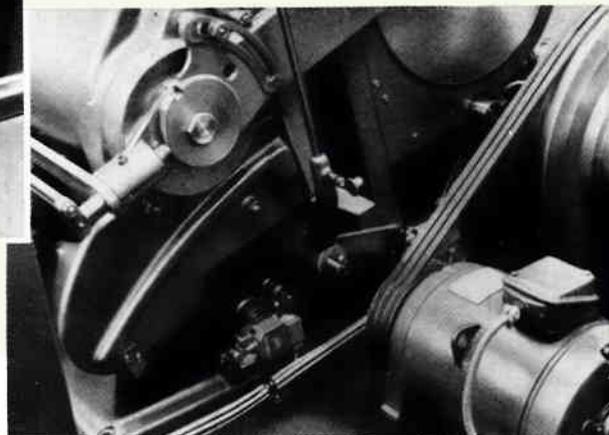
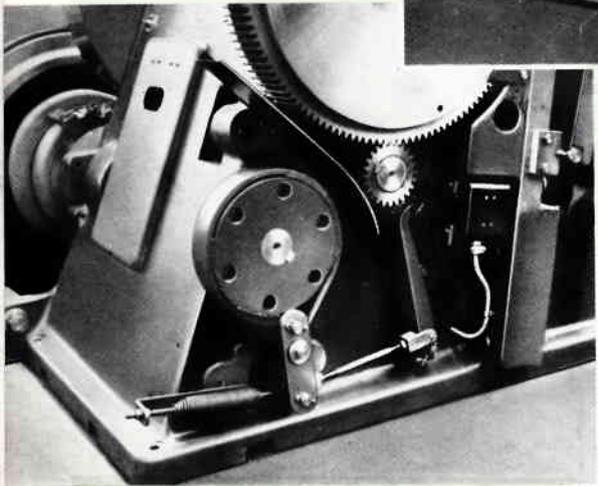
In the case of Presses supplied with the "Dwell" feature, the machine can be stopped after each impression simply by selecting the appropriate position on the selector switch at any time during the machine's cycle. In the case of standard electric clutch models the same can be achieved by depressing the single impression switch.



ELECTRIC CLUTCH AND BRAKE

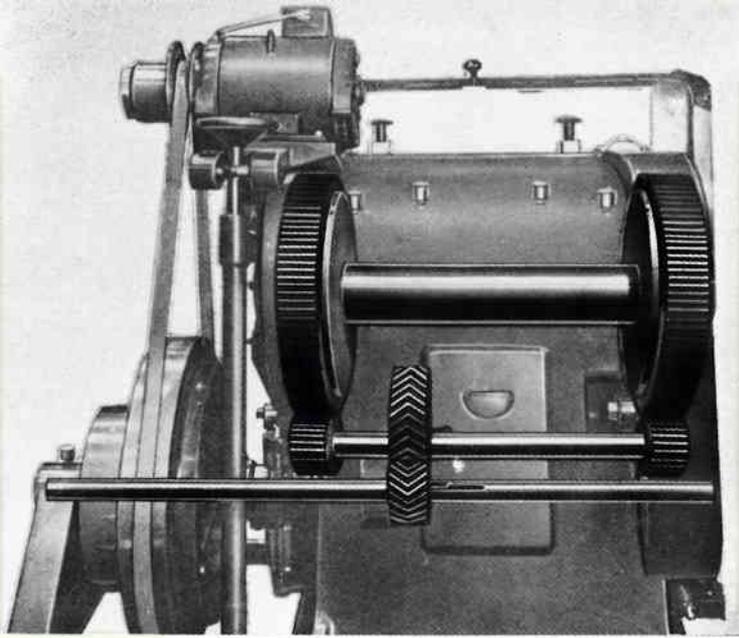
The new brake is particularly effective. The electrical synchronisation of clutch and brake eliminates the possibility of any time overlap between the driving and braking mechanisms. Neither brake nor clutch requires oil on any part, so there is no danger whatever, under normal conditions, of impaired efficiency resulting from penetration of oil to the friction surfaces.

An additional brake is fitted which is kept out of operation whilst the current is switched on to the machine. In the event of power failure this brake immediately comes into action, stopping the machine instantly.

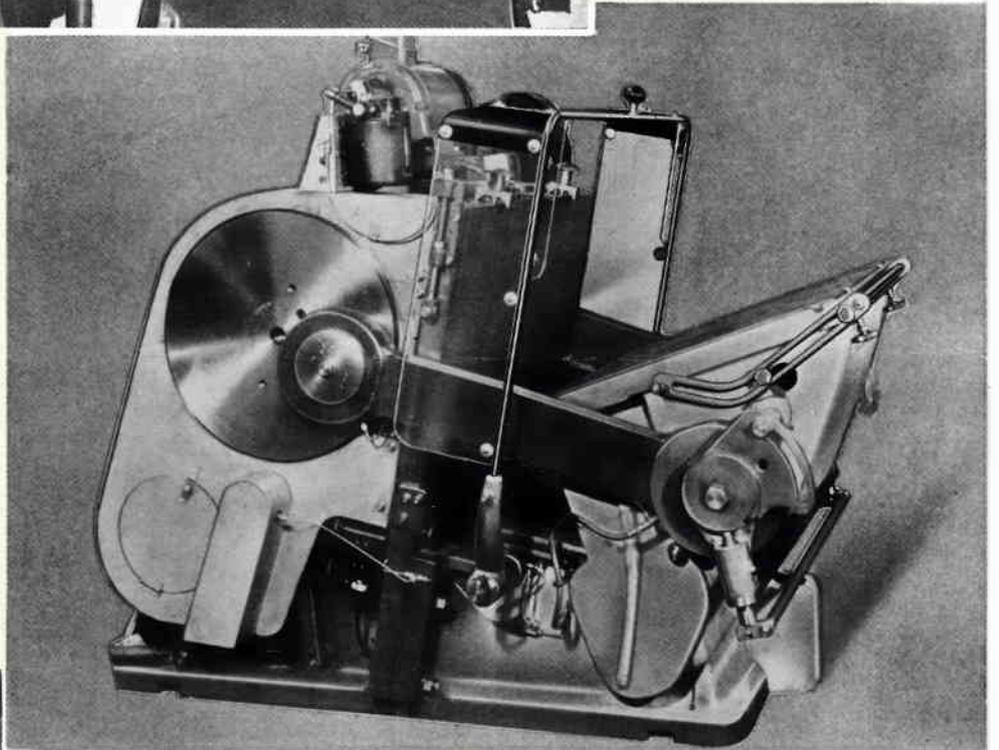


GEARS AND DRIVE

Double reduction gearing through forged steel gears, the first gear being double helical and the second straight spur. The speed reduction gives maximum power output.



SPECIAL FEATURES



SAFETY GUARD

Complies with all Factory Regulations. The slightest touch by the operator immediately releases the clutch and applies the brake, stopping the Press instantly at any point.

IMPRESSION ADJUSTMENT

Simple adjustment of the infinitely variable impression is graduated to give an equal advance of the block for each graduation.





**THESE
CROSLAND
PRESSES...**

**WILL CUT, SCORE, CREASE, PERFORATE
AND COLD EMBOSS AT ONE OPERATION**

HINGED CUTTING PLATES

An extremely novel type of lifting cutting plate allows immediate access to the make-ready sheet.

In addition to this its design enables the plate to be removed without removing any screws, so that it can be stored away with the forme and make-ready sheet. This enables a repeat order to be set up in a very few minutes.

SAFETY FIRST

MAKE-READY. When making ready the overhead safety guard is placed in the rear position and this automatically disengages the starting mechanism.

IN OPERATION. Should the starting button be held in engagement whilst the machine is working the safety guard will still operate and stop the machine.

A Canvas Screen is fitted to the Rise and Fall Guard which prevents the operators placing their hands between the guard and the platen.

The Rise and Fall Guard lifts the operator's hand clear of the moving platen when feeding. In addition, if the operator's hand remains over the guard it will come into contact with the Trip Rail and the machine stops instantly.

Guards are fitted over the gear wheels, completely covering the teeth.

Plastic side guards are fitted to the uprights of the Trip Rail and prevent anyone placing the hand between the platen and the forme at the sides of the machine.

EQUIPMENT

Each machine is equipped with two CHASES, one specially hardened quality precision ground STEEL CUTTING PLATE, necessary SPANNERS and two WORK TABLES.

EXTRA EQUIPMENT (OPTIONAL)

HEATER PLATE (electrically or gas operated) for hot embossing, AUTOMATIC or SEMI-AUTOMATIC OILING, IMPRESSION COUNTER, LAY GAUGE, AUTOMATIC CLAMP for non-rigid sheet such as P.V.C., felt, etc.

CUTTING FORMES

Crosland one-piece formes remain accurate, true and straight throughout 500,000 impressions—the last impressions of the most intricate shapes are as perfect as the first.

Crosland formes pay for themselves many times over on reduced make-ready and stripping time.

Crosland formes prevent jamming or breaking of cut sheets and waste is easily removed.

Crosland formes can be stored without the chase and are independent of metal furniture. Larger formes need *no* separate steel chase.

Crosland formes can be used on a wide variety of machines including clicking, fly, rotary book and blocking presses and punching machines—giving remarkably long runs always.

THE CROSLAND RANGE

**of Cutting, Creasing and
Embossing Presses**

15" × 24" inside chase

22" × 30" inside chase

25" × 35" inside chase

30" × 41" inside chase

32½" × 47½" inside chase

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