

MAKEREADY

●
*... the details
and
the techniques*



CROMWELL PAPER COMPANY

*Photographs courtesy of The Carnegie
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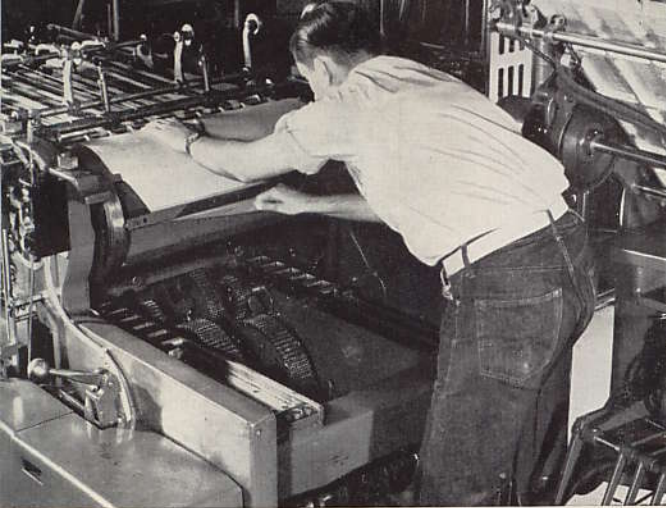
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FOREWORD

The Cromwell Paper Company offers this booklet as another of its services to promote better printing. The booklet has been designed to:

- Help the printer teach apprentices.
- Be a reference to students of graphic arts classes.
- Be a handy reference for pressmen and plant managers.

To assure the best work in printing,
don't just ask for "tympan," ask for
C R O M W E L L T Y M P A N



Pressman puts new packing on the Miller SG 19 x 25 Automatic.

MECHANICAL MAKEREADY:

Better Quality at Lower Cost

Makeready corrects

1. Inaccuracies in printing surfaces
2. Adjusts printing surface heights for proper impression pressures.

Mechanical makeready methods are designed

1. To prevent errors during preparation of forms
2. To provide the various heights which will permit printing these forms without makeready.

The second point listed above is known as "premakeready," which is pre-pressroom compensation of the plate to assure proper pressure for dark areas, and an even impression from center to edge.

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Premakeready depends on precision machines and tools, materials of standardized quality, skilled workmanship, and careful attention to detail.

The success of mechanical makeready depends upon attention to tolerances in the vicinity of .001 inch.

THE PRESS

To keep your press in top running shape:

1. Keep press parts clean and well lubricated.
2. Check to keep bed level and flat.

You can check bed inaccuracies by saving and comparing the first press proofs of twenty-five different, consecutive forms. Heavy or weak areas will indicate such bed inaccuracies.

3. Correct bed inaccuracies with a permanent overlay sheet buried deep in the packing.
4. Check presses at regular intervals for wearing of parts, vibration, or settling of the floor underneath the press.

ROLLERS

Here are three tips on the use of rollers which may prove helpful:

1. Use only best-quality composition form rollers, and keep them adjusted accurately.
2. Distributor and ductor rollers of rubber usually give longer life and easier maintenance.
3. Where frequent color wash-ups are necessary, vulcanized oil

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