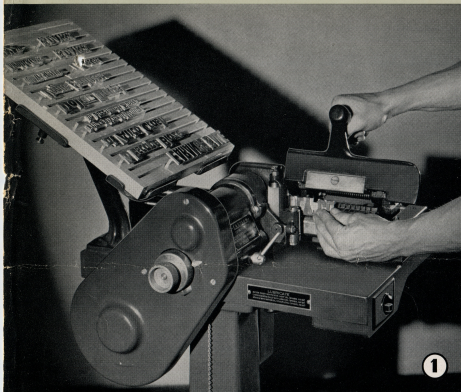


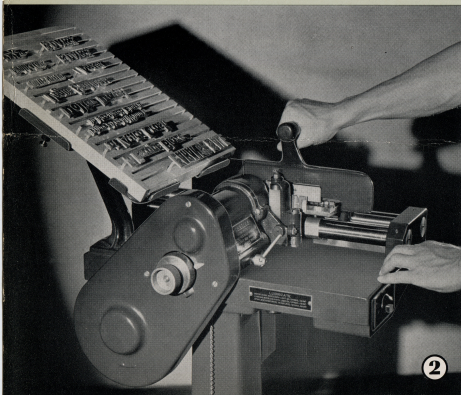
The Ludlow Supersurfacers



THE LUDLOW SUPERSURFACERS are designed to take a very light cut on Ludlow sluglines, particularly on bolder typefaces. Depth of surface is a fraction of a thousandth of an inch. Adjustment is by micrometer. Slugs processed by the machine have a mirror-smooth surface of accuracy throughout their entire length, which requires only the minimum amount of work.

In its simplicity and directness of operation, the Supersurfacers measure up to the name. Each slug is rapidly processed with a few simple motions. There are no interruptions for the acts of inserting, feeding and adjusting.

The Supersurfacers have a minimum of adjustments, having been designed to be free from mechanical troubles.

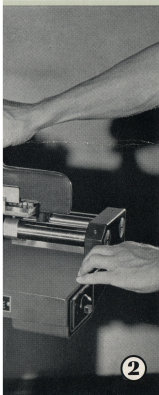


1 By pressing outward the handle of the clamp, the slug is opened for placing the shank of the slug. The clamp is held solidly and evenly under spring pressure. The jaws of the slug-clamp jaws are grooved, so that they do not interfere with accurate seating and disengagement. The occasional brushing of the grooved surface of the slug removes chips in the grooves.

2 The surfacing operation is accomplished by the motor-driven cutter. The clamp is mounted past the motor-driven cutter, so that the slug-face is held in position. The slug-face can be seen directly below the clamp.

3 After surfacing, every slug has a mirror-smooth surface. In height-to-paper, it is even throughout its length. All slugs surfaced to the same micrometer setting.

4 The surfacing of this slug-tray of "pre-set" type requires only a few minutes, due to the rapidity and simplicity of the operation. The tray of slugs, now ready for use, is removed from the convenient Supersurfacers.



THE LUDLOW SUPERSURFACER is a composing-room tool designed to take a very light surface-cut from the face of Ludlow sluglines, particularly slugs set in the larger and bolder typefaces. Depth of surface-cut is regulated to within a fraction of a thousandth of an inch by a micrometric adjustment. Slugs processed by the Supersurfacers have a mirror-smooth surface of accurately uniform height-to-paper throughout their entire length, providing a printing surface which requires only the minimum of makeready.

In its simplicity and directness of operation and mechanism, the Supersurfacers measures up to Ludlow standards. Each slug is rapidly processed with a combination of simple motions. There are no interrupting extra motions between the acts of inserting, feeding and removal of the slug.

The Supersurfacers has a minimum of wearing parts and adjustments, having been designed for long life and freedom from mechanical troubles.

1 By pressing outward the handle of the slug-clamping mechanism, the jaws are opened for placing the shank of the slug on its side in the clamp—where it is held solidly and evenly under spring pressure while being surfaced. The faces of the slug-clamp jaws are grooved, so that any bits of metal which might interfere with accurate seating are dislodged as the slug is inserted. An occasional brushing of the grooved surfaces removes any accumulation of metal chips in the grooves.

2 The surfacing operation is accomplished by pushing the carriage on which the clamp is mounted past the motor-driven high-speed revolving cutter. Before reaching the cutter, the slug-face is lubricated by an oiled felt-roller which can be seen directly below the clamp handle in this illustration.

3 After surfacing, every slug has a mirror-smooth printing surface of even plane. In height-to-paper, it is even throughout its length, and uniform with other slugs surfaced to the same micrometer setting.

4 The surfacing of this slug-tray of "pre-made-ready" slugs required only a few minutes, due to the rapidity and simplicity of the operation, as illustrated. After being surfaced, the tray of slugs, now ready for immediate use, may be removed from the convenient Supersurfacers slug-tray rack shown in this illustration.



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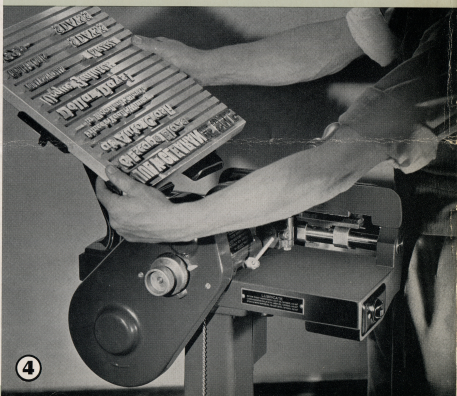
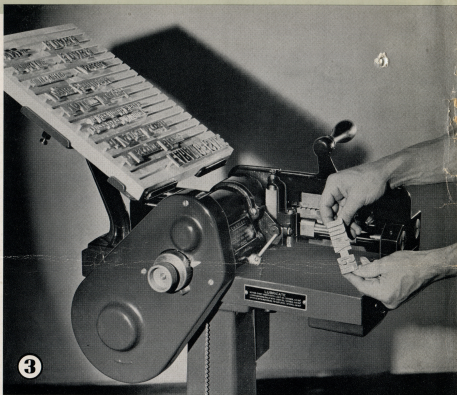
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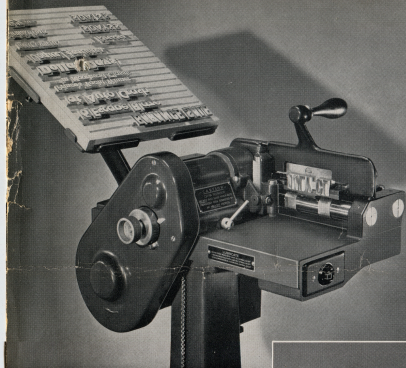
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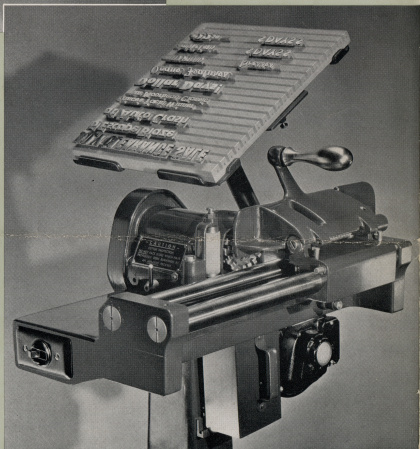
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Front view of Supersurfacers. A slug clamped in place for surfacing can be seen in the slug-clamp at the right. Hand-wheel and scale for micrometric adjustment are located within the belt-guard casting at the left. Notice the convenient location of the electric switch and of the slug-tray on the rack.

Side view of the Supersurfacers with slug-carrier pushed forward on its round supporting rails which may be easily adjusted to compensate for any possible wear. Notice the cutter head (reversible, with 16 almost razor-sharp cutting teeth on both sides) under left end of slug-clamp, which also acts as a guard. Motor mounted below table at rear drives ball-bearing cutter-spindle through endless "V" belt at 4200 r. p. m. Shavings drop into removable trimpan located just below cutter.



LUDLOW TYPOGRAPH COMPANY
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Chicago 14, Illinois

Ludlow Typograph Company

Sheraton Building · 470 Atlantic Avenue · Boston 10, Mass. · HANcock 6-5879

January 14, 1957.

The Torrington Register
Torrington, Connecticut.

Attention Mr. John E. Potter

Dear John:

Complying with your request, we enclose a folder describing the Ludlow Supersurfacers.

Briefly, this is a precision milling device with a micrometer built into its shaft. It polishes the type surface in such a way that printing of the boldest typefaces on coated stocks is a profitable pleasure.

Current price of the machine is \$495.00 fob Chicago. It comes complete with an additional double-edged cutter head.

This is really a piece of precision equipment, which can do much to overcome the results of wear in the Ludlow machine in regard to face quality of slugs. Thank you for your interest.

Very truly yours,

LUDLOW TYPOGRAPH COMPANY

Shepley Cleaves
Boston District Manager

sc/w