

LUDLOW HOT METAL

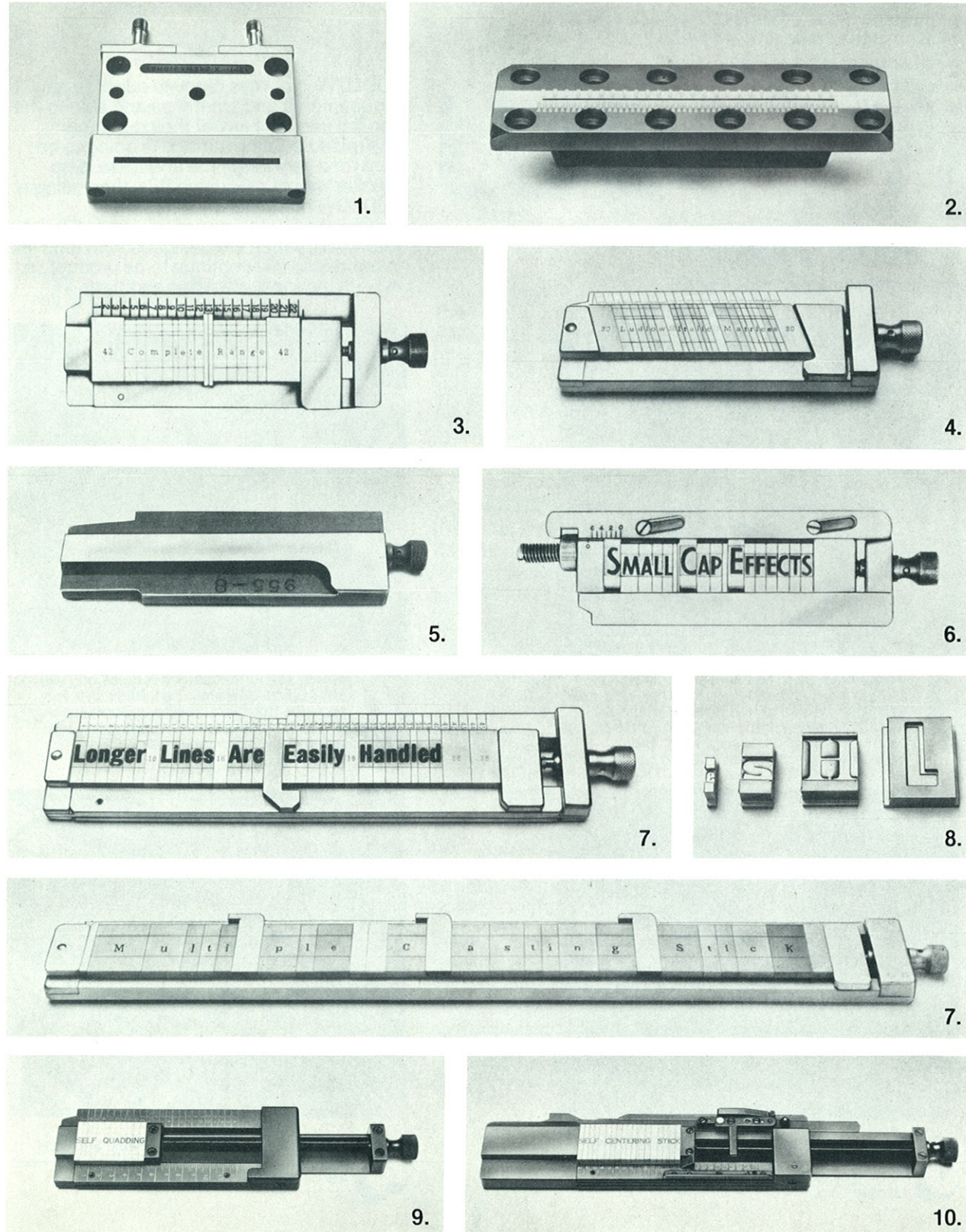
The PROVEN method of typesetting



A positive step forward
in hand-set slug-cast
composition

LUDLOW

Technical details



1. **The double water cooled mould** is designed for operation with the slotted mouthpiece and with the metal at a higher temperature than before. The temperature of the water circulating around both sides of the casting slot is maintained by a refrigerated cooling unit.

2. **The new Ludlow slotted mouthpiece** was developed as a result of extensive research to improve the printing surface of the type slug. Metal enters the mould from the mouthpiece slot under plunger pressure.

3. **The Ludlow loose side roman matrix stick** is durably designed, well balanced and accurately machined. Typeface matrices are "gathered" in words or syllables and assembled in this stick. Note the longer ears of the spaces, which make them easier to handle.

4. **Italic matrices for the Ludlow** are made on a slant, enabling the casting of kerns. All parts of Ludlow italic sluglines are as sturdy as any roman letter, because the characters of a line form a complete web which will not break off on the press or in planning down a form.

5. **Blank Slug Block** - used for casting blank slugs.

6. **The adjustable offset matrix stick** offers a range of 6 points for bringing two groups of matrices into any desired alignment. When adjusted for a given alignment, lines of similar style are set easily and rapidly. For example, with this stick cap-and-small-cap arrangements are handled efficiently and there are other like savings.

Model N

Voltage: 220/240v.

Amps: 20 amp.

Cycles: 50/60 cycles.

Weight: 375 kgs.

Sizes: 117 height x 55 width x 110 length (cms).

Output: 9 slugs per minute.

Cooling: Self contained water tank.

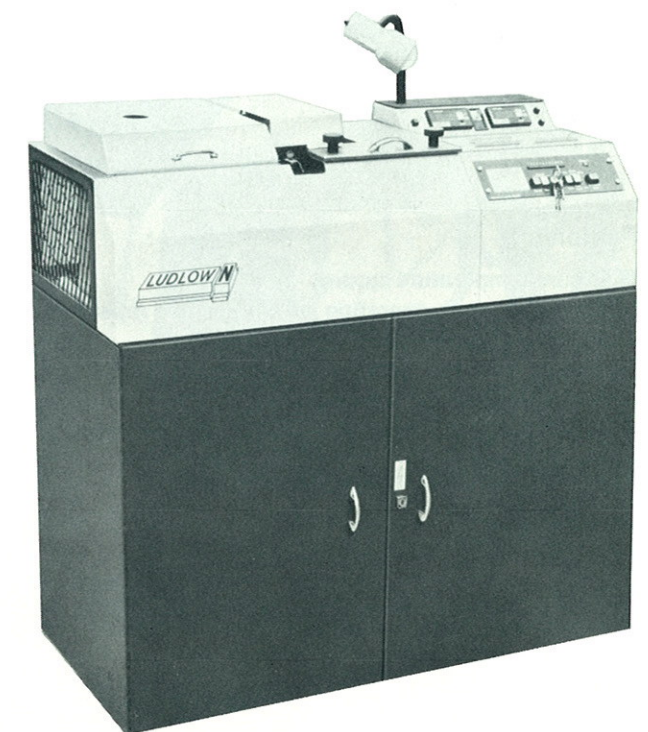
Air pressure: 80 psi or 6 bars.

7. **Long lines** up to 120 picas are set on the Ludlow as a unit in special long sticks and with only a single justification, which makes for uniform spacing throughout. The line of matrices is first set and spaced without regard to length of the full line. Division quads are then inserted near the stick marks indicating slug lengths and the line is cast in single sections.

8. **Whether 6 or 48 point**, the convenient shape and uniform size of Ludlow matrices (except as to width) permit easier handling and the greater speed of the "gathering" system. Matrices for 60, 72, 84 and 96 point are made in a larger size. The recess in the matrix face determines the slughead's point size. All Ludlow matrices are held within close limits of precision.

9. **The self-quadding stick** is a most important Ludlow contribution to efficient operation and composing room economy. With this stick, lines set flush left require no justification. The operator simply gathers the matrices, inserts them in the stick, pushes in the slide and turns the thumb screw. For lines set flush right, the line of matrices may be reversed in the stick. This stick may also be used to set centered lines.

10. **With this self-centering stick**, centered lines of job and display composition are Ludlow-set with surprising speed. It is quickly set to any desired measure. The operator then has only to assemble the matrices, push in the quadding slide and turn the knob locking the latter in place. The line is then ready to cast, automatically justified and quadded-out on both sides.

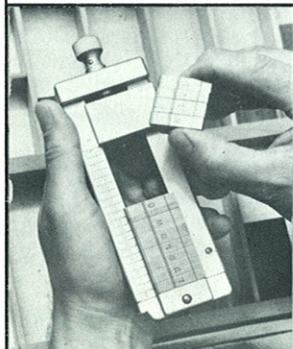


LUDLOW the complete and versatile HOT METAL system

TYPE FACES
include:

Univers
Helvetica
Optima
Palatino
Melior
Marina Script

Fast delivery is our policy,
to meet our customers
requirements.



LUDLOW STICK held in one
hand whilst the operator
gathers a group of matrices
for easy composition.



Model N Features:

- Digital temperature control
- Compressed air operation with single and repeat sequence controller
- Automatic stick-locking system
- Self contained cooling system
- Controlled stepping system for ease of maintenance
- Stylish appearance
- Operator light
- Matrix board

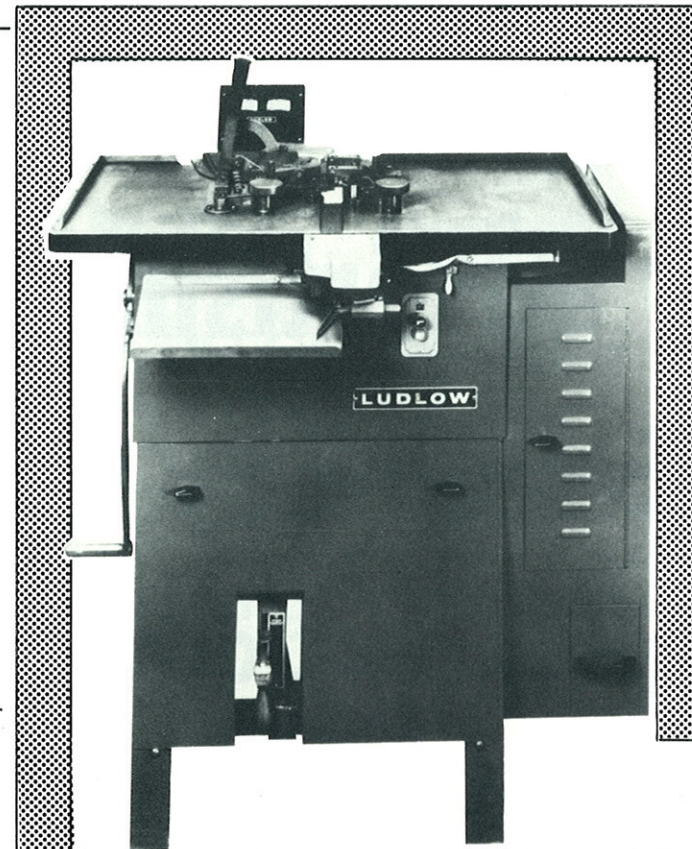
200 Typefaces to choose from, sizes 6pt to 144pt, fast setting speed, brand new type every time, exact alignment of different type sizes, plus the option to MIX sizes and type styles in the same line, and, indeed, easy selection from the matrix storage cabinet supplied — that's the COMPLETE, VERSATILE and proven LUDLOW Hot Metal System, matching up to the Print Room demands of today, and still remaining a positive leader. Ask our Sales Manager for a demonstration without obligation.

For low-cost Profitable composition

LUDLOW

4 great ^{Hot Metal} opportunities for you from Ludlow—

a world-famous name in Typesetting Machinery for the Printing Industry



Model M

Typesetting, using this rigidly constructed machine, is up to 50% faster than the Model L machine. Additional features include a refrigerated cooling system to maintain a uniform solidification of metal in the mould, a deeper crucible and dual heat control to improve the quality of the solid Type slug. The Machine is guaranteed for 12 months parts and labour.

Rebuilt M & L

Ludlow strip these used machines right back to base in order to rebuild them effectively. Worn parts are replaced with Ludlow spares and complete rewiring undertaken. A Rebuilt Ludlow machine is thoroughly tested before despatch and guaranteed for 12 months parts and labour, and the price includes: Delivery, Installation, Operational and Maintenance instructions.

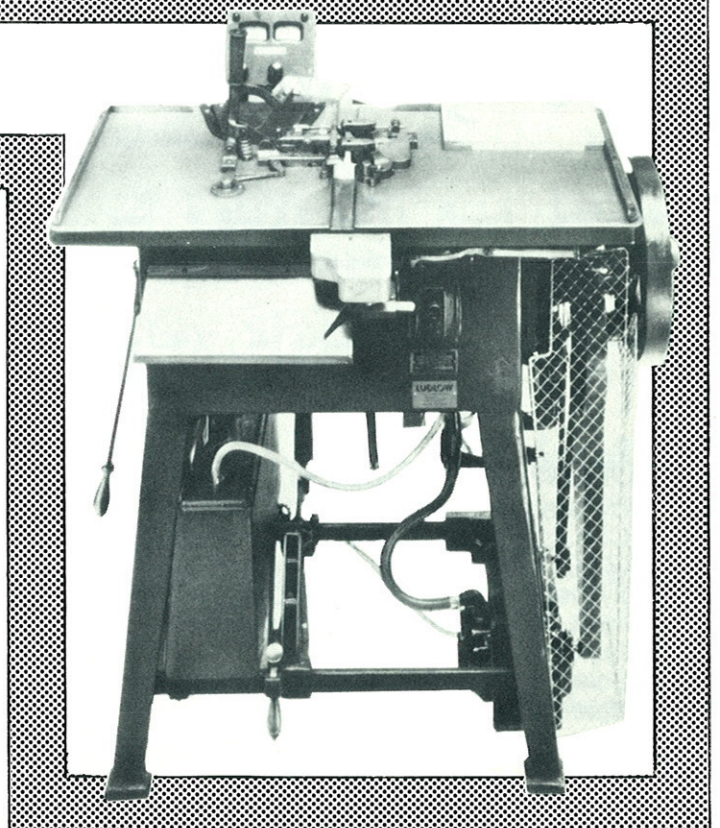
NEW SAFETY FEATURE
New Safety Guard against
Hot Splash whilst machine
is in use, yet it does
not inhibit the Operator.

The RECONDITIONED Ludlow

Ludlow strip and examine used Machines for Reconditioning. All worn parts are replaced and the Machine is re-assembled and put into Guaranteed working order. The Reconditioned Ludlow Machine lacks the dual thermostat control, and deeper crucible, as fitted on Rebuilt model. Each Machine is tested, and guaranteed for 3 months (parts and labour), and the price includes Delivery, Installation, Operational and Maintenance instructions.

PACKAGE DEALS

are available for Reconditioned and Rebuilt Ludlow Machines, and include the basic Machine, as outlined above, founts of used matrices, a used matrix cabinet, setting sticks and spacing material.



LUDLOW