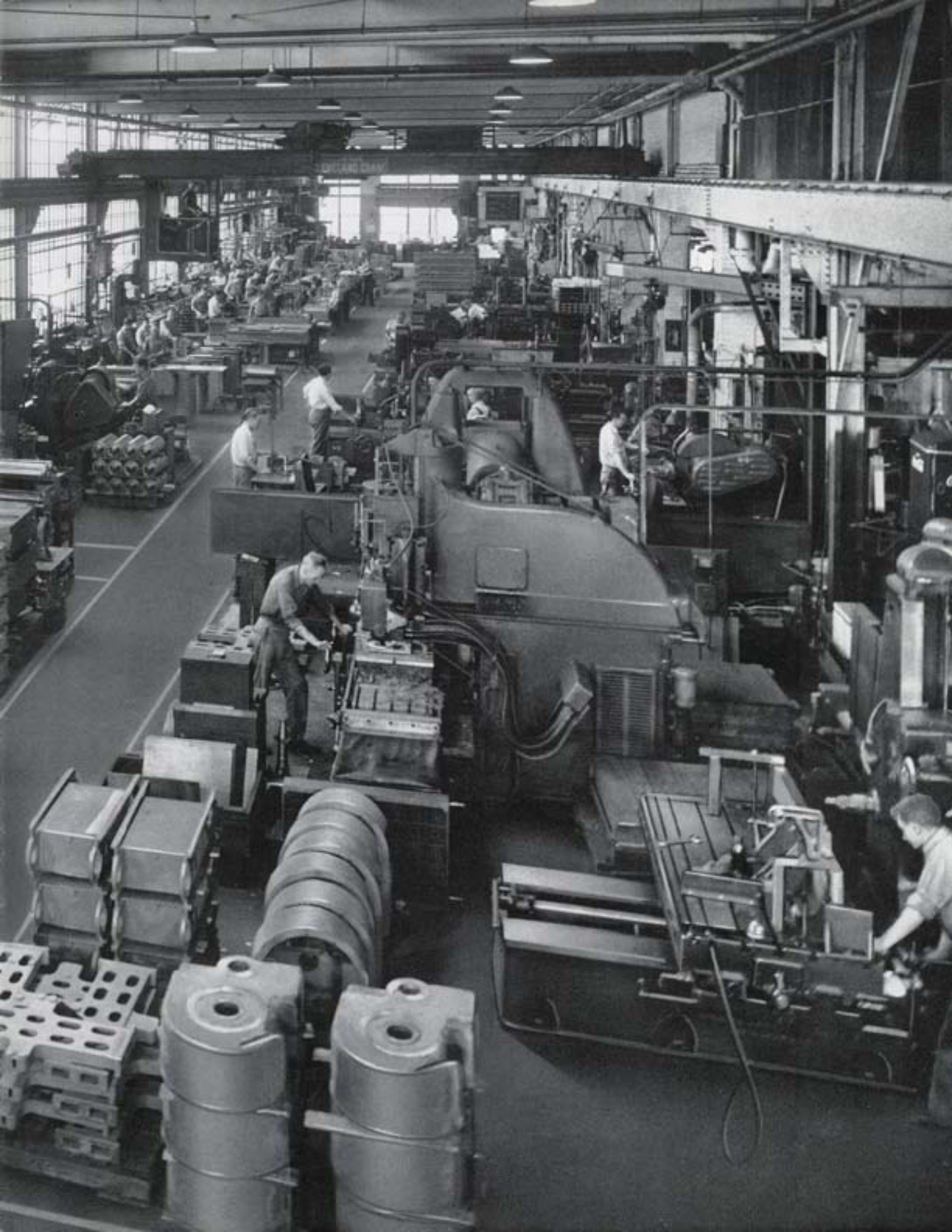


VANDERCOOK

Pre-Press



INDEX

MODEL	PAGE
0 Hand Galley Proof Press.....	22
1 Hand Proof Press.....	22
2 Hand Proof Press.....	22
3 Hand Proof Press.....	11
4 Hand Proof Press.....	11
4T Hand Transparency Proof Press.....	10
05 Hand Galley Proof Press.....	21
11 Block Leveller.....	16
14 Hand Proof Press.....	22
15 Hand Galley Proof Press.....	21
22-34 Power Offset Proof Press.....	19
23 Safe Electric Galley Proof Press.....	20
25-24 Hand Test Press.....	13
32-28 Power Test Press.....	14
32-28E Power Engravers Proof Press.....	5
42-28 Power Test Press.....	14
42-28E Power Engravers Proof Press.....	6

MODEL	PAGE
68 Page Makeup Gauge.....	15
215 Hand Engravers Proof Press.....	9
219 Hand Engravers Proof Press.....	7
219AB Hand Adjustable Bed Proof Press.....	8
219ABT Hand Adjustable Bed Transparency Proof Press.....	10
320G Hand Proof Press.....	12
325G Hand Proof Press.....	12
325A Hand Proof Press for Newspapers.....	13
325G Power Proof Press.....	18
325A Power Proof Press for Newspapers.....	18
604 High Speed Four-Color Proof Press.....	4
Plate Gauges—Nos. 6, 8 and 9.....	17
Register Punch.....	7
Slug Gauge.....	17
Test Blocks.....	16
Transparency Dusting-Cleaning-Viewing Cabinet.....	10
Type Gauge.....	17
Underlay Paper Cabinet.....	17

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Main Craneway—Vandercook Plant No. 1

Vandercook Main Office and Plant



VANDERCOOK . . . THE LARGEST PRODUCER OF PROOF PRESSES AND OTHER PRE-PRESS EQUIPMENT FOR LETTERPRESS, OFFSET AND GRAVURE

No manufacturer, of the present day or in the past, has designed and produced such a wide range of precision proof presses as the Vandercook organization. Built to serve the specific needs of photo-engravers, typesetters, printers, ink manufacturers, paper mills, and nearly every other branch of the graphic arts industry, the twenty-seven proof presses in the Vandercook line today range from small hand operated models to a massive and completely power driven high speed 4-color press which prints a finished 4-color proof in three seconds.

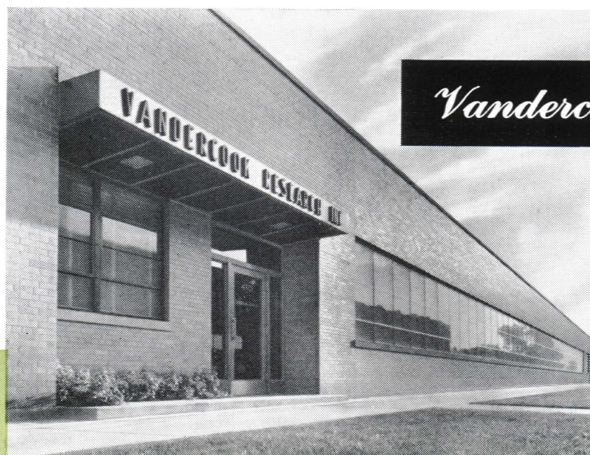
Benefits of Specialization

Perhaps the most significant factor involved in this development of modern precision proof presses is that they are the result of year-after-year improvements to meet the new and changing conditions in the industry. The fact that Vandercook has specialized in the perfection of the proof press makes it possible for the industry to produce the highest quality proofs in greater volume . . . less time . . . and at lower cost.

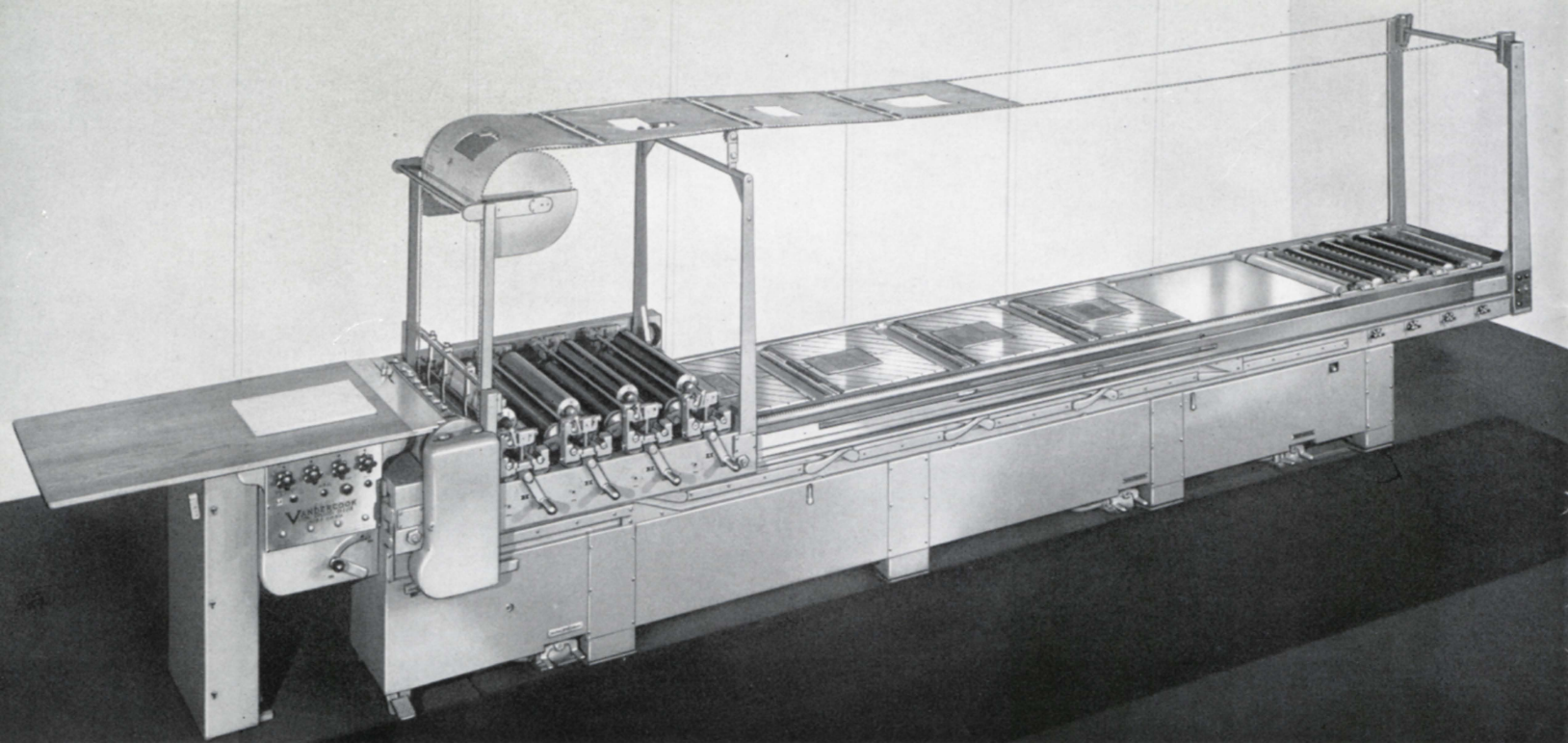
Further Progress Through Research

In spite of the many advancements made in Vandercook proving equipment during the past half century, it was with the distinct purpose of developing even more efficient equipment and methods for the graphic arts industry that Vandercook Research, Inc. was formed about a year ago. Whatever its achievements, they will be shared by the entire industry through bulletins released from time to time.

Illustrated on the right is an exterior view of the new building at 4701 West Iowa Street, Chicago—built for Vandercook Research, Inc. It is air conditioned and fully equipped for the further study of methods and equipment to benefit the industry.



Vandercook Research, Inc.



VANDERCOOK 604 HIGH-SPEED 4-COLOR PROOF PRESS

This press was designed for two purposes. First, to duplicate as closely as possible the wet printing process of 4-color production presses and, secondly, to generally speed up proving 4-color plates. The Vandercook 604 will ink, frisket and print a complete 4-color proof within three seconds between first and last color. Plates are inked immediately ahead of the impression.

Operation is from a Control Panel at the feed board, where push buttons are provided to start, stop and reverse the press—also four knobs for selecting color or a combination of colors. The 604 provides the fastest means of producing from 1 to 1000 4-color proofs, and will perform every operation of color proving more easily and more efficiently.

OPTIONAL EQUIPMENT

Automatic Frisket . . . Four one-piece Register Plate Bases . . . Four two-piece Register Plate Bases for proving two sets of color plates at one time . . . Four Ink Fountains (in place of four of the Extra Ink Drums) . . . Rectifier (required when D.C. current is not available).

STANDARD EQUIPMENT

One set of eight covered Form Rollers $4\frac{1}{2}$ " in

diameter . . . One set of eight Extra Form Roller Stocks . . . Eight Ink Drums $4\frac{7}{8}$ " in diameter . . . One 3 h.p. D.C. Motor for driving Impression Cylinder . . . One 1 h.p. D.C. Motor for driving Inking System . . . Complete D.C. Motor Controls (if D.C. not available, a Rectifier is provided at extra cost)040" Hard Cylinder Packing . . . 25 Die Cut Drawsheets . . . 25 Die Cut Undersheets . . . Necessary Tools.

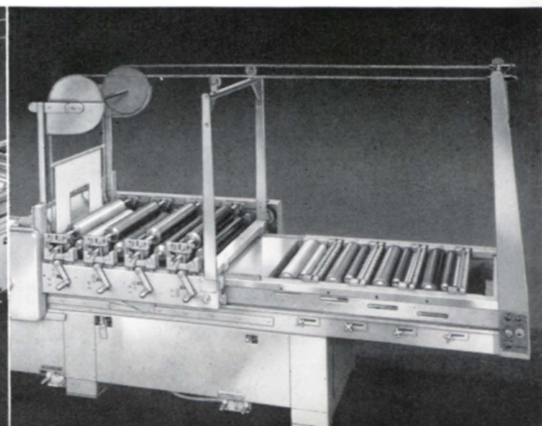
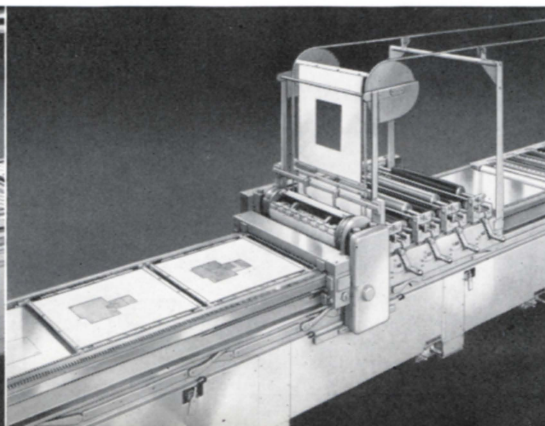
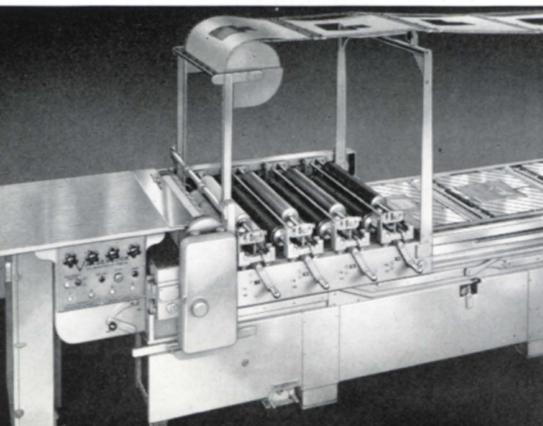
SPECIFICATIONS

Bed Size $27\frac{1}{2}$ " x $23\frac{1}{2}$ " . . . Maximum Sheet 26 " x 24 " . . . Maximum Plate or Form 25 " x $20\frac{1}{2}$ " . . . Floor Space $4'$ x $25'$. . . Net Weight approximately 10,000 Lbs. . . Crated Shipping Weight approximately 13,000 Lbs. (shipped in three sections) . . . Finished in machine tool gray.

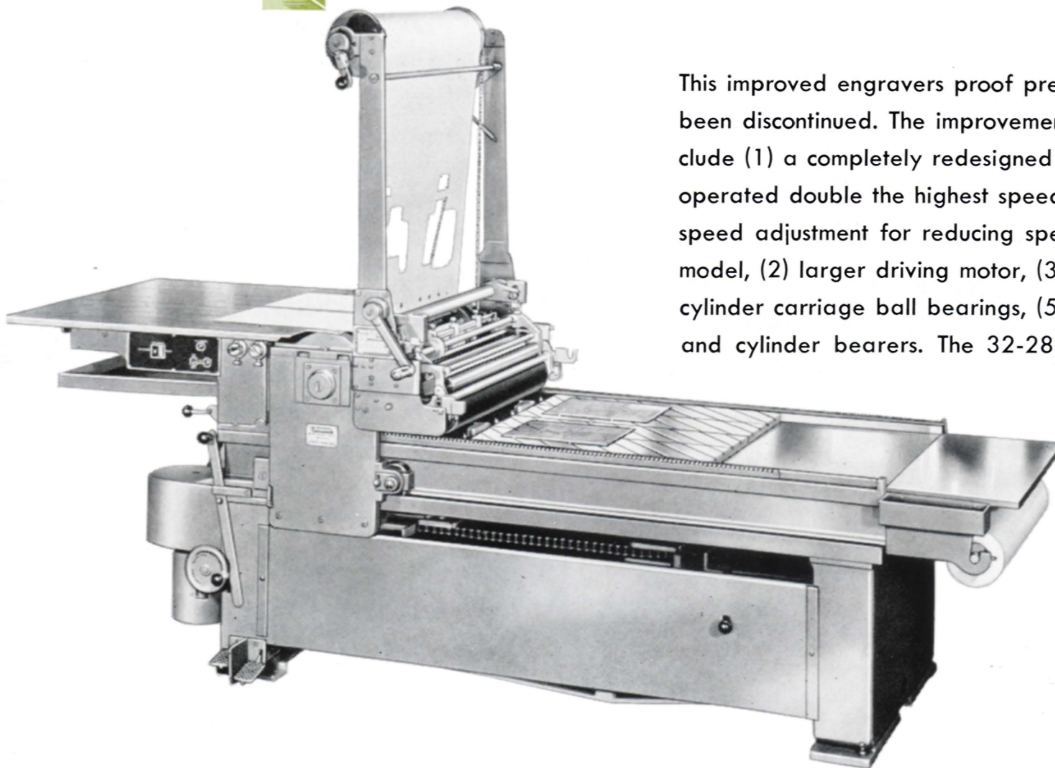
CONTROL PANEL—press is started, stopped and reversed by means of push buttons. The four knobs at the top of the panel control the cylinder trips.

AUTOMATIC FRISKET—a short piece of frisket paper is clamped between chains. Frisket feeds between cylinder and inking units.

INK FOUNTAINS—four new type Quick Wash-Up Ink Fountains are provided. A Vibrating Ductor Roller transfers ink from fountains to motor driven Ink Drums.



VANDERCOOK 32-28E POWER PROOF PRESS



This improved engravers proof press is similar to the No. 232P which has been discontinued. The improvements to be found on the new 32-28E include (1) a completely redesigned power drive which permits press to be operated double the highest speed of the No. 232P and also provides a speed adjustment for reducing speed or synchronizing it with the former model, (2) larger driving motor, (3) additional inking capacity, (4) larger cylinder carriage ball bearings, (5) wipers on trip rail as well as on bed and cylinder bearers. The 32-28E will prove a single plate or form up to 31½" x 28", or two plates or forms 15½" x 28" in either the same or different colors on one or two sheets. Changing from one to two color work is quickly accomplished by merely substituting split vibrators for solid vibrators. It is not necessary to use cut form rollers.

OPTIONAL EQUIPMENT

Time Saving Frisket Frame . . . Register Plate Base with Springs (made in two sections for two-color work) for use with Vandercook Register Punch, Adjusting Screws, 4 Head Plate Pins, 4 Foot Plate Pins, 12 Plate Clamps for Diagonal Slots, 8 Plate Clamps for Straight Slots, 6 Long Slot Fillers, 6 Short Slot Fillers, Necessary Tools . . . Automatic Frisket . . . Extra Inking Unit with Synthetic Form Rollers and Extra Roller Stocks, complete except for Steel Distributors . . . Set of two Split Steel Vibrators for Form Rollers and one Split Vulcanized Oil Vibrator for Ink Drum (required

for two-color work) . . . Side Guide for two-color work . . . Steel Cabinet for four Inking Units . . . Register System for Mounted Plates including Chase with Adjusting Screws, one each 1½", 2", 3", 4" and 5" Quick Acting Job Locks, Necessary Tools . . . Traveling Sheet Delivery Tray.

STANDARD EQUIPMENT

One Inking Unit complete with two Synthetic Form Rollers and Extra Roller Stocks . . . 1 h.p. A.C. or D.C. Motor for driving Impression Cylinder . . . ¼ h.p. A.C. or D.C. Motor for driving Ink Drum040" Hard Cylinder Packing . . . 25 Die Cut Drawsheets . . . 25 Die Cut

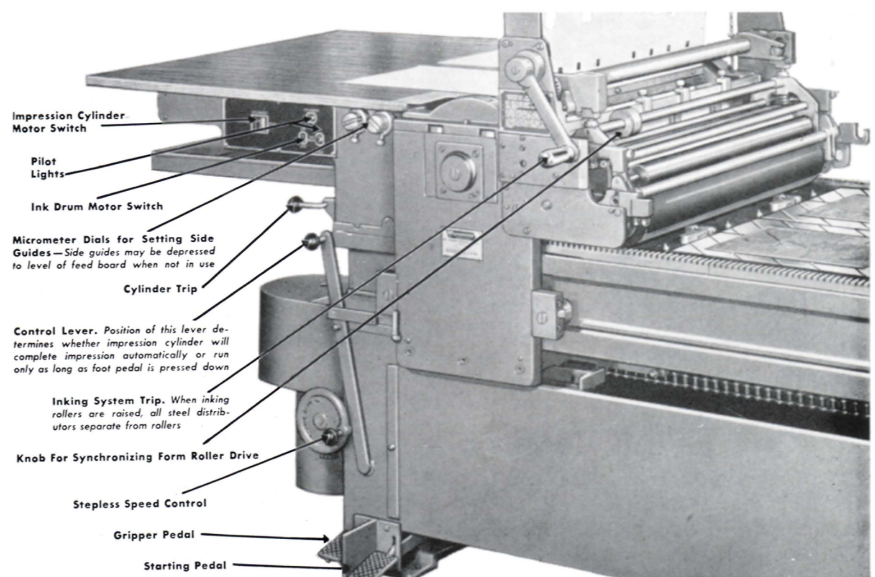
Undersheets . . . Makeready Table attached to end of Bed . . . Head Dead Line Bar . . . Foot Lockup Bar . . . Celluloid Register Punch . . . Chromium Plated Ink Mixing Plate . . . Necessary Tools.

SPECIFICATIONS

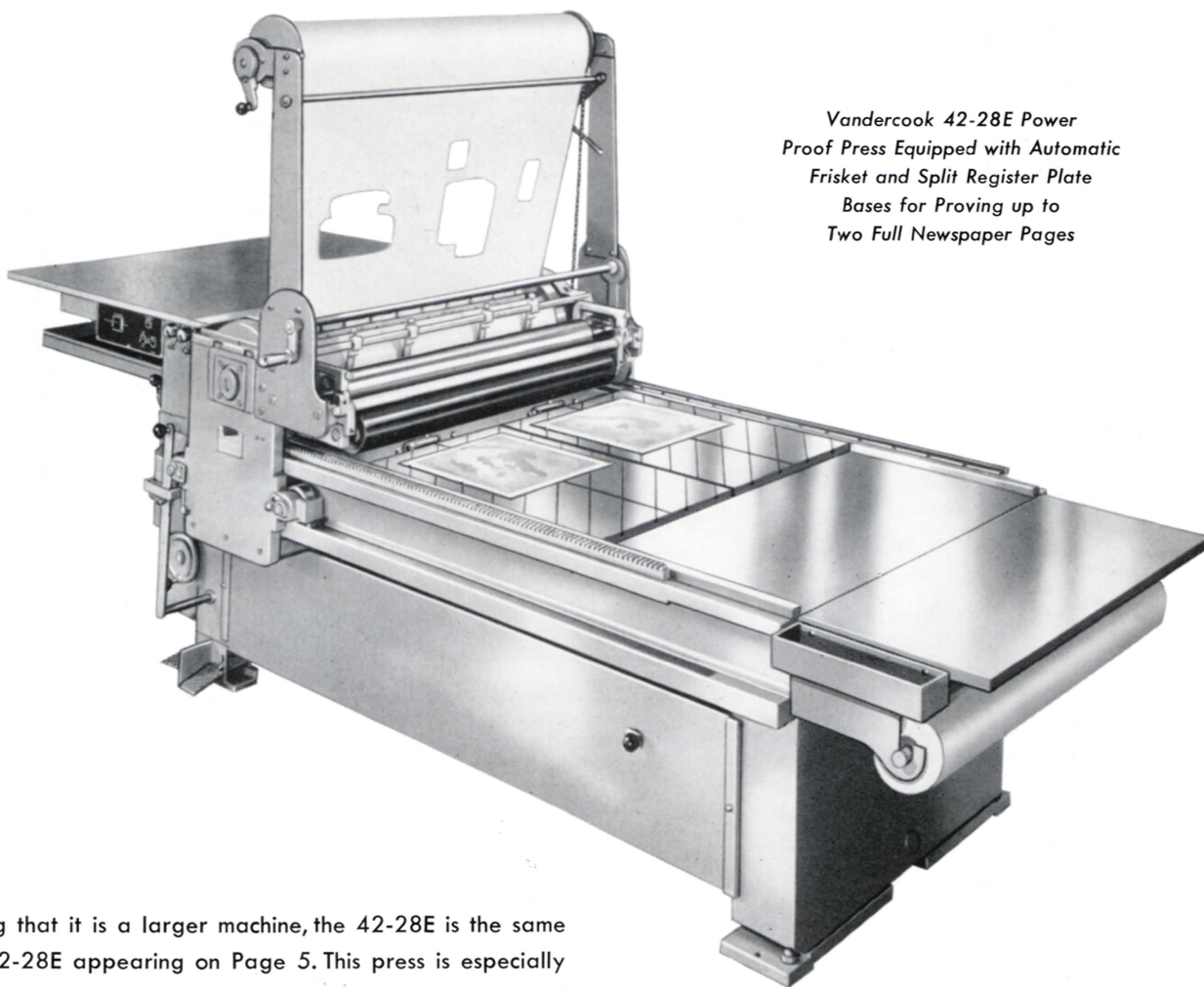
Bed Size 32¼" x 50" . . . Maximum Sheet 32" x 30" . . . Maximum Plate or Form, one color, 31½" x 28" . . . Maximum Plates or Forms, two colors, 15½" x 28" . . . Floor Space 4' x 10'6" . . . Net Weight 4750 Lbs. . . . Crated Shipping Weight 5750 Lbs. . . . Finished in machine tool gray.

Automatic Frisket . . . Automatic Delivery and Fingertip Controls Simplify Operation and Double Proving Speed of the 32-28E

Not only does the automatic frisket permit quite complicated friskets to be run on one or two color work, but it enables a greater number of progressives of each plate to be made in shorter time. Another advantage of the automatic frisket is that finished proofs are delivered, printed side up, back to the operator at the feed board. All controls are within easy reach of the operator at the feed board.



VANDERCOOK 42-28E POWER PROOF PRESS



*Vandercook 42-28E Power
Proof Press Equipped with Automatic
Frisket and Split Register Plate
Bases for Proving up to
Two Full Newspaper Pages*

Excepting that it is a larger machine, the 42-28E is the same as the 32-28E appearing on Page 5. This press is especially practical for photo-engravers and engraving departments of newspapers producing color plates for newspaper use, since it has a bed that is large enough to accommodate two full newspaper page plates. The 42-28E is also suitable for one-color proving, and will take a maximum plate or form up to

41" x 28". When used for two-color work, it has a capacity for two plates or forms up to 19 $\frac{3}{4}$ " x 28". Changing from one to two color work is quickly accomplished by merely substituting split vibrators for solid vibrators.

OPTIONAL EQUIPMENT

Time Saving Frisket Frame . . . Register Plate Base with Springs (made in two sections for two-color work) for use with Vandercook Register Punch, Adjusting Screws, 4 Head Plate Pins, 4 Foot Plate Pins, 12 Plate Clamps for Diagonal Slots, 8 Plate Clamps for Straight Slots, 6 Long Slot Fillers, 6 Short Slot Fillers, Necessary Tools . . . Automatic Frisket . . . Extra Inking Unit with Synthetic Form Rollers and Extra Roller Stocks, complete except for Steel Distributors . . . One Split Steel Vibrator for Form Rollers and one Split Vulcanized Oil Vibrator for Ink Drum (required for two-color

work) . . . Side Guide for two-color work . . . Steel Cabinet accommodating four Inking Units . . . Register System for Mounted Plates, including Chase with Adjusting Screws, one each 1 $\frac{1}{2}$ ", 2", 3", 4" and 5" Quick Acting Job Locks, Necessary Tools . . . Traveling Sheet Delivery Tray.

STANDARD EQUIPMENT

One Inking Unit complete with two Synthetic Form Rollers and Extra Roller Stocks . . . 1 h.p. A.C. or D.C. Motor for driving Impression Cylinder . . . $\frac{1}{4}$ h.p. A.C. or D.C. Motor for driving Ink Drum040" Hard Cylinder

Packing . . . 25 Die Cut Drawsheets . . . 25 Die Cut Undersheets . . . Makeready Table attached to end of Bed . . . Head Dead Line Bar . . . Foot Lockup Bar . . . Celluloid Register Punch . . . Chromium Plated Ink Mixing Plate . . . Necessary Tools.

SPECIFICATIONS

Bed Size 42" x 50" . . . Maximum Sheet 41 $\frac{3}{4}$ " x 30" . . . Maximum Plate or Form, one color, 41" x 28" . . . Maximum Plates or Forms, two colors, 19 $\frac{3}{4}$ " x 28" . . . Floor Space 4'10" x 9' . . . Net Weight 5650 Lbs. . . . Crated Shipping Weight 6850 Lbs. . . . Finished in machine tool gray.

VANDERCOOK 219 PROOF PRESS

Since the first 219 was introduced more than twenty years ago, over 2000 have been installed in photo-engraving, electrotyping, typesetting, and printing plants throughout the world. This greatly improved new model has a Motor Driven Ink Drum with Vibrator, Inking Unit that may be changed when proving colors to speed up production, a Control Lever for lengthening and shortening the cylinder carriage travel, and other features to save an operator's time and effort. The 219 will produce the finest color proofs as well as black and white.



Vandercook 219
Equipped with an Automatic Frisket
and Register Plate Base

OPTIONAL EQUIPMENT

Register Plate Base with Springs, for use with Vandercook Register Punch, Micrometer Adjusting Screws, 2 Head Plate Pins, 2 Foot Plate Pins, 12 Plate Clamps for Diagonal Slots, 8 Plate Clamps for Straight Slots, 3 Long Slot Fillers, 3 Short Slot Fillers, Necessary Tools . . . Locking Device for Vandercook Register Plate Base and Vandercook Register System for Mounted Plates . . . Quick Acting Positive Lock-up Bar arranged for four positions . . . Time Saving Frisket Frame . . . Automatic Frisket . . . Register System for Mounted Plates with Celluloid Register Punch, Chase equipped with Springs and Adjusting Screws, one each 1 1/2",

2", 3", 4" and 5" Quick Acting Job Locks, Necessary Tools . . . Celluloid Register Punch (included with Register System for Mounted Plates) . . . Extra Inking Unit with Synthetic Form Rollers and Extra Roller Stocks, complete with Steel Distributors . . . Steel Cabinet accommodating two Inking Units (to accommodate four Inking Units, order two cabinets which may be placed one on top of the other) . . . Steel Stand for Inking Unit Cabinets.

. . . 1/4 h.p. A.C. or D.C. Motor for driving Ink Drum040" Hard Cylinder Packing . . . 25 Die Cut Drawsheets . . . 25 Die Cut Undersheets . . . Head Dead Line Bar . . . Makeready Table attached to end of Bed . . . Chromium Plated Ink Mixing Plate . . . Necessary Tools.

STANDARD EQUIPMENT

Steel Cabinet under Bed equipped with four drawers . . . One Inking Unit complete with Synthetic Form Rollers and Extra Roller Stocks

SPECIFICATIONS

Bed Size 19" x 42 1/2" . . . Maximum Sheet 18 3/4" x 28" . . . Maximum Plate or Form 18" x 24" . . . Floor Space 3' x 10' . . . Net Weight 2400 Lbs. . . . Crated Shipping Weight 3000 Lbs. . . . Finished in machine tool gray.

VANDERCOOK REGISTER PUNCH

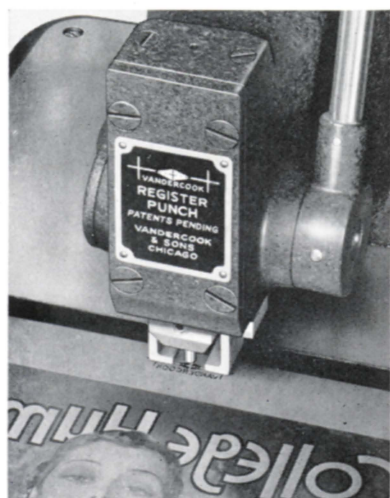
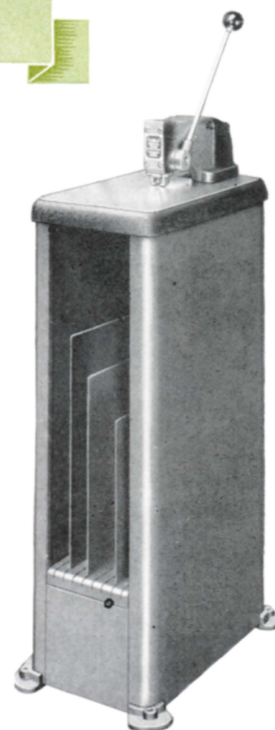


Illustration shows plate in position with illuminated needle centered on the register mark.

This punch makes it possible to automatically register color plates. It provides a means of accurately punching 3/16" holes through the dead metal at both ends of original photo-engravings in exact relation to the register marks. These holes are then placed over 3/16" head and tail pins in the Vandercook register plate base. The steel cabinet brings punch up to proper height for convenient operation. Register Punch may also be ordered without cabinet.

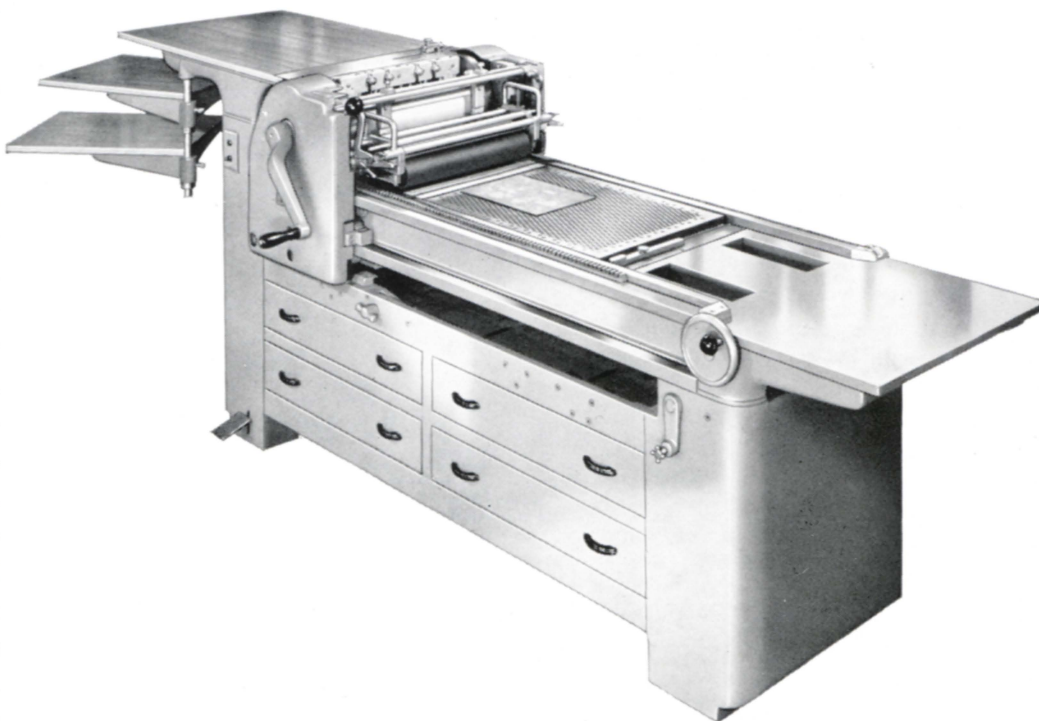
SPECIFICATIONS

Floor Space 15" x 23" . . . Crated Shipping Weight including both the Punch and Stand, 225 Lbs. . . . Boxed Shipping Weight of Punch only, 100 Lbs. . . . Crated Shipping Weight of Stand only, 125 Lbs. . . . Finished in machine tool gray and black crackle.



VANDERCOOK 219AB PROOF PRESS WITH ADJUSTABLE BED

This machine solves the problem of proving plates of various thicknesses—for it has an adjustable bed which can be raised or lowered in a matter of seconds by simply turning a convenient hand wheel located on the side of the press. This feature makes it possible to prove plates ranging in thickness from .060" to .300" without changing the plate base. As a means of helping an operator adjust the bed quickly and accurately, an easily read dial calibrated in .001". Aside from the adjustable bed feature, this new press is the same as the No. 219 on page seven. It has a Motor Driven Ink Drum with Vibrator, an Inking Unit that may be changed to speed up production when proving color, and a Control Lever for lengthening or shortening the cylinder carriage travel. All of these features, plus the operating simplicity of the 219AB, help to save time and effort and speed up the production of the finest proofs, either black and white or in color.



OPTIONAL EQUIPMENT

Register Plate Base 17" x 25" x .755" for use with Vandercook Register Punch, Micrometer Adjusting Screws, 2 Head Plate Pins, 2 Foot Plate Pins, 12 Plate Clamps for Diagonal Slots, 8 Plate Clamps for Straight Slots, 3 Long Slot Fillers, 3 Short Slot Fillers, Necessary Tools . . . Specially Ground Toggle Base in Drilled Quoinless Chase 18 3/4" x 25 1/2" x .755" without Hooks . . . Toggle Base Hook for originals . . . Toggle Base Hook for electros . . . Toggle Base Key . . . Toggle Base Key Bits . . . Locking Device for Vandercook Register Plate Base, Toggle Base and Vandercook Register System for Mounted Plates . . . Time Saving Frisket Frame . . . Automatic Frisket . . . Register System for Mounted Plates with Celluloid Register Punch, Chase equipped with Springs and Adjusting Screws, one each 1 1/2", 2", 3", 4" and 5" Quick Acting Job Locks, Necessary Tools . . . Celluloid Register Punch (included with Register System for Mounted Plates) . . . Extra Inking Unit with Synthetic Form Rollers and Extra Roller Stocks, complete with Steel Distributors

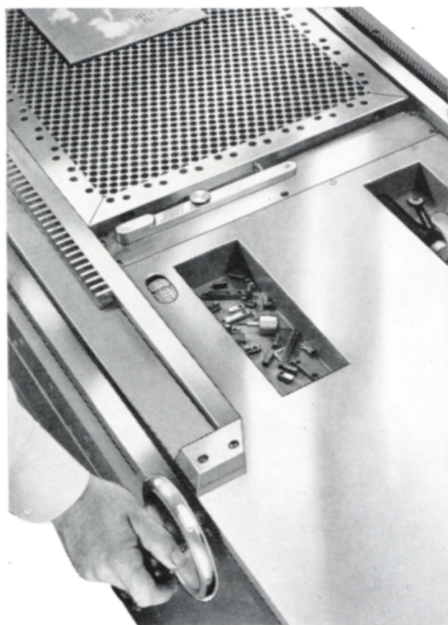
. . . Steel Cabinet accommodating two Inking Units (to accommodate four Inking Units, order two cabinets which may be placed one on top of the other) . . . Steel Stand for Inking Unit Cabinets.

STANDARD EQUIPMENT

Steel Cabinet under Bed equipped with four drawers . . . One Inking Unit complete with Synthetic Form Rollers and Extra Roller Stocks . . . 1/4 h.p. A.C. or D.C. Motor for driving Ink Drum040" Hard Cylinder Packing . . . 25 Die Cut Drawsheets . . . 25 Die Cut Undersheets . . . Head Dead Line Bar . . . Makeready Table attached to end of Bed . . . Chromium Plated Ink Mixing Plate . . . Necessary Tools.

SPECIFICATIONS

Bed Size 19" x 42 1/2" . . . Maximum Sheet 18 3/4" x 28" . . . Maximum Plate or Form 18" x 24" . . . Floor Space 3' x 10' . . . Net Weight 2500 Lbs. . . . Crated Shipping Weight 3100 Lbs. . . . Finished in machine tool gray.



This view shows a close-up of (1) the convenient hand wheel, by means of which the bed of the 219AB is raised or lowered, (2) the easily read dial calibrated in .001" which enables an operator to quickly make an accurate setting, and (3) the two handy too pockets recessed in the bed.

VANDERCOOK 215 PROOF PRESS

This is the smallest proof press manufactured by Vandercook to meet the exacting proving requirements of photoengravers. It is a precision machine in every sense—just smaller in capacity—for handling more economically the many small plates, both black and white and color, which up to now could only be proved on larger equipment. The Vandercook 215 is especially suitable for small and medium sized plants whose production does not require a proof press of large capacity. It is also necessary in larger plants for handling smaller plates now consuming valuable proving hours on larger equipment. The machine has efficient power ink distribution, combined with an Inking Unit that may be quickly and easily changed for proving color. In addition, it has micrometer sheet guides, combination foot operated and automatic cylinder grippers, and other features which save an operator's time and effort. The 215 will produce the finest color proofs, as well as black and white, and is also recommended for proofs intended for reproduction purposes.



OPTIONAL EQUIPMENT

Register Plate Base for use with Vandercook Register Punch, Adjusting Screws, 2 Head Plate Pins, 2 Foot Plate Pins, 6 Plate Clamps for Diagonal Slots, 4 Plate Clamps for Straight Slots, Necessary Tools . . . Time Saving Frisket Frame . . . Register System for Mounted Plates with Celluloid Register Punch, Chase equipped with Springs and Adjusting Screws, one each 1½", 2", 3" and 4" Quick Acting Job Locks, Necessary Tools . . . Celluloid Register Punch (included with Register System for Mounted

Plates) . . . Extra Inking Unit with Synthetic Form Rollers and Extra Roller Stocks, complete with Steel Distributors.

STANDARD EQUIPMENT

Combination Automatic and Foot Operated Cylinder Grippers . . . Micrometer Sheet Guides . . . Cylinder Trip . . . Steel Cabinet under Bed equipped with two drawers and compartment for four Inking Units . . . One Inking Unit complete with Synthetic Form Rollers and Extra Roller Stocks . . . ¼ h.p. A.C. or D.C. Motor for driving Ink Drum040" Hard Cylinder Packing . . . 12 Die Cut Drawsheets . . . 12 Die Cut Undersheets . . . Head Dead Line Bar . . . Foot Lockup Bar . . . Makeready Table attached to end of Bed . . . Chromium Plated Ink Mixing Plate . . . Necessary Tools.

SPECIFICATIONS

Bed Size 15" x 35" . . . Maximum Sheet 14¾" x 20" . . . Maximum Plate or Form 14" x 18" . . . Floor Space 2'6" x 8'4" . . . Net Weight 1350 Lbs. . . Crated Shipping Weight 1750 Lbs. . . Finished in machine tool gray.



This illustration shows the provision made for storing four extra inking units in the cabinet of the Vandercook 215. In addition to this convenient compartment, the press is also equipped with two large drawers for storage, and an open shelf.

VANDERCOOK 219ABT PROOF PRESS

Same as our 219AB model shown on Page 8, excepting that it is equipped for proving on acetate or glassine. These transparencies are used in the production of lithographic plates and rotogravure cylinders, and are printed direct from type forms or plates on one side of the transparent material, and by offset from a rubber blanket on the other. Both sides are in exact register. Also used for regular black on white reproduction proofs.

STANDARD EQUIPMENT

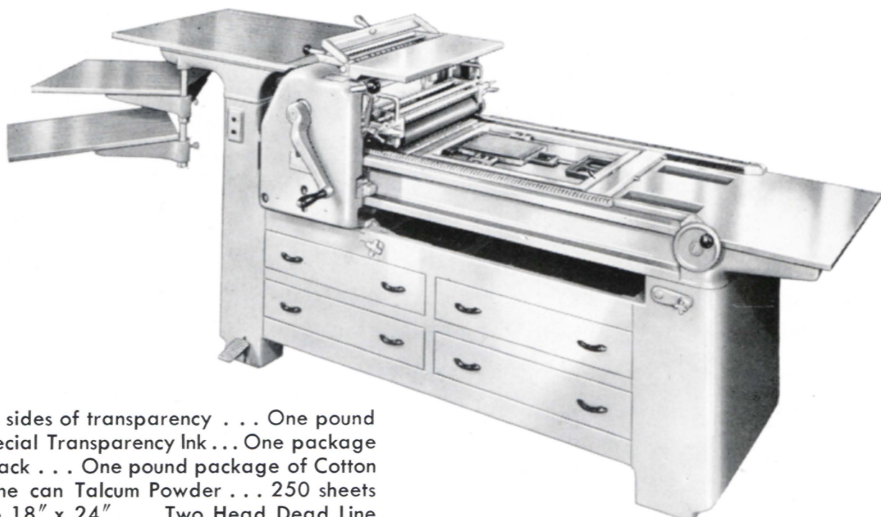
Steel Cabinet under Bed equipped with four drawers . . . One Inking Unit complete with Synthetic Rubber Form Rollers and Extra Roller Stocks . . . 1/4 h.p. A.C. or D.C. Motor for driving Ink Drum070" Cylinder Packing including Offset Blanket . . . 12 Die Cut Drawsheets . . . 12 Die Cut Undersheets . . . One Chase . . . Roller Feed Device for maintaining register

on both sides of transparency . . . One pound can Special Transparency Ink . . . One package Lampblack . . . One pound package of Cotton . . . One can Talcum Powder . . . 250 sheets Acetate 18" x 24" . . . Two Head Dead Line Bars . . . One Foot Lockup Bar . . . Chromium Plated Ink Mixing Plate . . . Necessary Tools.

SPECIFICATIONS

Bed Size 19" x 42 1/2" . . . Maximum Sheet

18 3/4" x 28" . . . Maximum Form 18" x 24" . . . Floor Space 3' x 10' . . . Net Weight 2500 Lbs. . . . Crated Shipping Weight 3100 Lbs. . . . Finished in machine tool gray.



VANDERCOOK 4T PROOF PRESS

Same as the No. 4 excepting it is equipped to make impressions of type forms or halftones on transparent acetate or glassine, as well as proofs on white paper with black ink. The transparent proofs, made on a No. 4T, are printed directly from the plate or form on one side, and by offset from a rubber blanket on the other—with both sides in exact register.

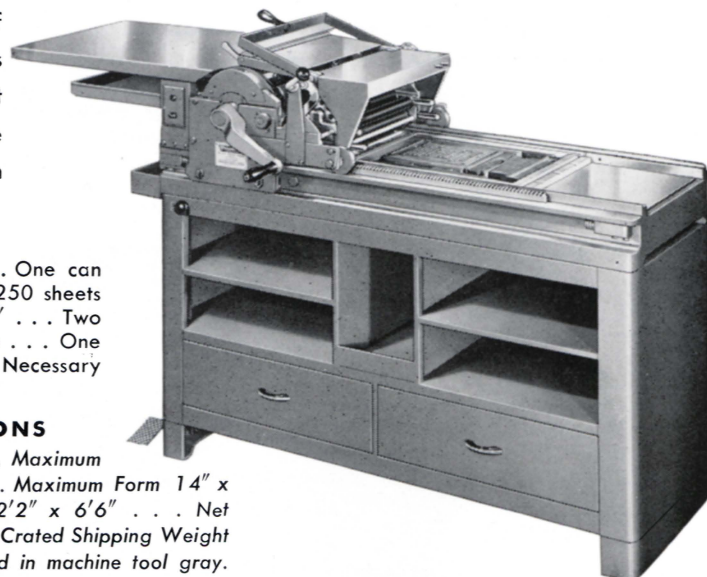
STANDARD EQUIPMENT

Combination Automatic and Foot Operated Cylinder Grippers . . . Micrometer Sheet Guides . . . Cylinder Trip . . . Steel Cabinet with Drawers . . . Traveling Sheet Delivery Tray . . . 1/4 h.p. A.C. or D.C. Motor for driving Inking Unit . . . Synthetic Rubber Inking Rollers . . . Extra Roller Stocks . . . One Offset Blanket . . . 12 Die Cut Drawsheets . . . 12 Die Cut Undersheets . . . One Chase . . . Roller Feed Device for maintaining register on both sides of transparency . . . One pound can Special Transparency Ink . . . One package Lampblack . . . One pound

package of Cotton . . . One can Talcum Powder . . . 250 sheets of Acetate 14" x 20" . . . Two Head Dead Line Bars . . . One Foot Lockup Bar . . . Necessary Tools.

SPECIFICATIONS

Bed Size 15" x 35" . . . Maximum Sheet 14 3/4" x 20" . . . Maximum Form 14" x 18" . . . Floor Space 2'2" x 6'6" . . . Net Weight 1100 Lbs. . . . Crated Shipping Weight 1450 Lbs. . . . Finished in machine tool gray.



TRANSPARENCY DUSTING-CLEANING-VIEWING CABINET

For dusting, cleaning and viewing transparencies. Constructed of steel, with drawers for dusting powders and supplies. Has a glass top, illuminated from the under side by two 24" fluorescent tubes to aid in the cleaning and checking of transparencies.

22 1/2" deep x 32 1/2" wide x 46 1/2" high . . . Illuminated Viewing Glass 18" x 26" . . . Six Drawers 22" x 29 1/2" x 2" . . . Open storage space 22 1/2" x 31 1/2" x 9" . . . Two 24" Fluorescent Tubes equipped for 110-115 Volts A.C. or D.C. with Tumbler Switch . . . Crated Shipping Wt. 350 Lbs. . . . Finished in machine tool gray.

VANDERCOOK No. 4 PROOF PRESS

This is the machine so widely used by printers, typesetters, paper manufacturers, lithographers, and rotogravure plants throughout the world for making their reproduction proofs. It has power ink distribution, changeable inking unit, micrometer sheet guides, combination foot operated and automatic cylinder grippers. A convenient tray for receiving printed sheets travels with the cylinder and helps to speed up production.

When used for testing inks and paper, it is recommended that the No. 4 be provided with additional equipment including Split Vibrator and Riders (for running two colors, or different inks of the same color, at one time), an Extra Side Guide, a Changeable Inking Unit, and a Patent Base in Drilled Chase.

A machine similar to the No. 4 but equipped for pulling proofs on acetate, glassine or other transparent materials is also available and described on Page 10.

OPTIONAL EQUIPMENT

Vandercook Handy Lockup Bar . . . Vandercook Celluloid Register Punch . . . Split Vibrator and Riders for two-color work . . . Extra Side Guide for two-color work (not adjustable) . . . Special Bed with Galley Thickness Plate (standard No. 4 Bed is machined for use without galleys because better results can be obtained by sliding forms directly to the Bed) . . . Extra Inking Unit with Synthetic Form Rollers, Extra Roller Stocks, complete except for Steel Distributors025" Rubber Blanket (No. 4 is

regularly equipped with .040" Hard Packing which is recommended for best results when proving good material. The Rubber Blanket will help if forms are in bad condition) . . . Patent Base in Drilled Chase.

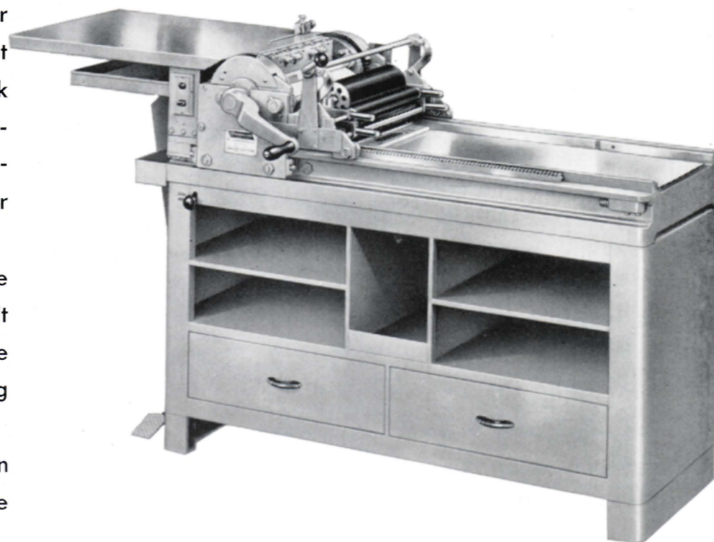
STANDARD EQUIPMENT

Combination Automatic and Foot Operated Cylinder Grippers . . . Micrometer Sheet Guides . . . Cylinder Trip . . . Steel Cabinet with Drawers . . . Traveling Sheet Delivery Tray . . . 1/4 h.p. A.C. or D.C. Motor for driving Inking Unit . . .

Synthetic Inking Rollers . . . Extra Roller Stocks . . . Tympan with all hard packing . . . 12 Extra Die Cut Drawsheets . . . 12 Extra Die Cut Undersheets . . . Head Dead Line Bar . . . Foot Lockup Bar . . . Necessary Tools.

SPECIFICATIONS

Bed Size 15" x 35" . . . Maximum Sheet 14 3/4" x 20" . . . Maximum Form 14" x 18" . . . Floor Space 2'2" x 6'6" . . . Net Weight 1100 Lbs. . . . Crated Shipping Weight 1450 Lbs. . . . Finished in machine tool gray.



VANDERCOOK No. 3 PROOF PRESS

A popular machine in plants where production does not require power operation, and where volume is about equally divided between galley proofs, good quality customer proofs, and reproduction proofs. Has automatic inking, automatic cylinder grippers, plus adjustable side and front guides for easier registering of sheets when proving color.

In order to facilitate the proving of forms in galleys, the Vandercook No. 3 comes equipped with a removable Galley Thickness Bed Plate.

OPTIONAL EQUIPMENT

Vandercook Handy Lockup Bar . . . Celluloid Register Punch.

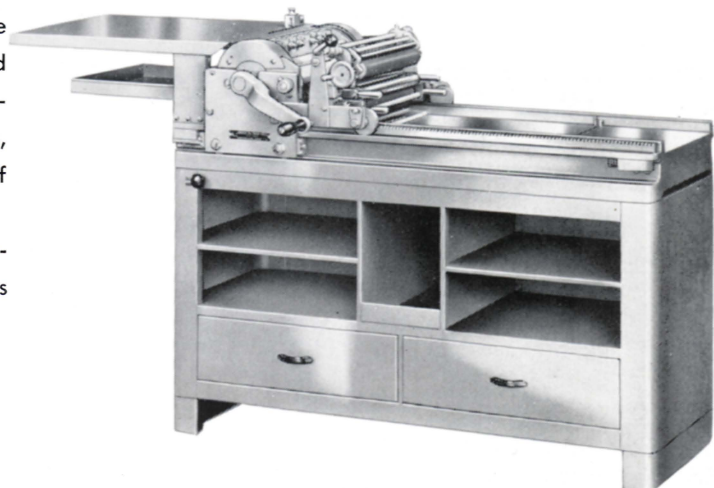
STANDARD EQUIPMENT

Galley Thickness Bed Plate . . . Automatic Cylinder Grippers . . . Micrometer Sheet Guides

. . . Cylinder Trip . . . Steel Cabinet with Drawers . . . Traveling Sheet Delivery Tray . . . Head Dead Line Bar . . . Foot Lockup Bar . . . Synthetic Inking Rollers . . . Extra Roller Stocks . . . Tympan including Blanket . . . 12 Extra Die Cut Drawsheets . . . 12 Extra Die Cut Undersheets . . . Necessary Tools.

SPECIFICATIONS

Bed Size 15" x 35" . . . Maximum Sheet 14 3/4" x 20" . . . Maximum Form 14" x 18" . . . Floor Space 2'2" x 6'6" . . . Net Weight 1000 Lbs. . . . Crated Shipping Weight 1200 Lbs. . . . Finished in machine tool gray.



VANDERCOOK 320G HAND PROOF PRESS

This machine is identical to the 325G shown below excepting that it has a 5-inch narrower bed. It is an all-purpose proof press for proving large forms up to 19" x 24½". It is equipped with automatic inking and cylinder grippers which automatically take the sheets one at a time as they are fed to the feed board guides. When a large number of proofs is required of individual forms, the 320G may be equipped with an automatic delivery and ink fountain, which greatly speed up production.



Vandercook 320G Proof Press
Equipped with Automatic Sheet Delivery
and Ink Fountain

OPTIONAL EQUIPMENT

Automatic Sheet Delivery . . . Ink Fountain with Synthetic Ductor Roller, Steel Vibrator, Additional Ink Plate and Extra Roller Core . . . Counter . . . Celluloid Register Punch.

STANDARD EQUIPMENT

Galley Thickness Bed Plate . . . Combination

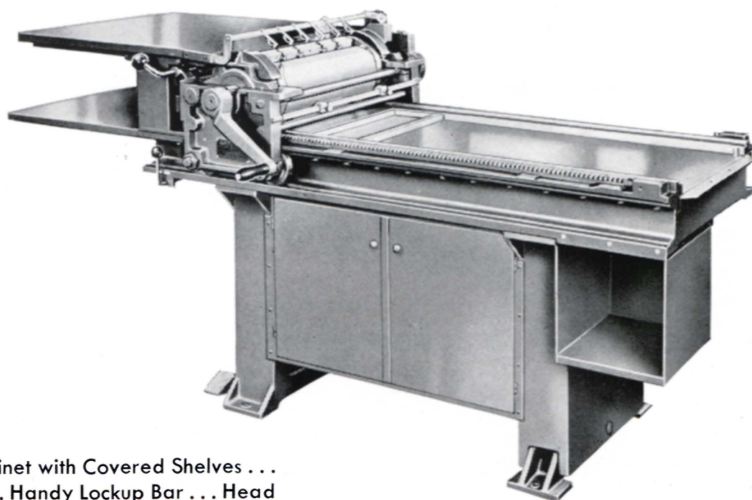
Foot Operated and Automatic Cylinder Grippers . . . Adjustable Sheet Guides . . . Cylinder Trip . . . Steel Cabinet with Covered Shelves . . . Delivery Board . . . Handy Lockup Bar . . . Head Dead Line Bar . . . Synthetic Inking Rollers . . . Extra Roller Stocks . . . Tympan including Blanket . . . 12 Die Cut Undersheets . . . 12 Die Cut Drawsheets . . . Necessary Tools.

SPECIFICATIONS

Bed Size 20" x 46¼" . . . Maximum Sheet 19¾" x 27" . . . Maximum Form 19" x 24½" . . . Floor Space 2'11" x 7'9" (with Automatic Delivery 2'11" x 9'9") . . . Net Weight 1750 Lbs. . . . Crated Shipping Weight 2000 Lbs. . . . Finished in machine tool gray.

VANDERCOOK 325G HAND PROOF PRESS

An all-purpose proof press suitable for commercial printing plants. It is equipped with automatic inking and cylinder grippers, which automatically take the sheets one at a time as they are fed to the feed board guides. When a large number of proofs is required of individual forms, the 325G may be equipped with an automatic delivery and ink fountain, which greatly speed up production.



OPTIONAL EQUIPMENT

Automatic Sheet Delivery . . . Ink Fountain with Synthetic Ductor Roller, Steel Vibrator, Additional Ink Plate and Extra Roller Core . . . Counter . . . Celluloid Register Punch.

STANDARD EQUIPMENT

Galley Thickness Bed Plate . . . Combination Foot Operated and Automatic Cylinder Grippers . . . Adjustable Sheet Guides . . . Cylinder

Trip . . . Steel Cabinet with Covered Shelves . . . Delivery Board . . . Handy Lockup Bar . . . Head Dead Line Bar . . . Synthetic Inking Rollers . . . Extra Roller Stocks . . . Tympan including Blanket . . . 12 Die Cut Undersheets . . . 12 Die Cut Drawsheets . . . Necessary Tools.

SPECIFICATIONS

Bed Size 25" x 46¼" . . . Maximum Sheet 24¾" x 27" . . . Maximum Form 24" x 24½" . . .

Floor Space 3'4" x 7'9" (with Automatic Delivery 3'4" x 9'9") . . . Net Weight 2000 Lbs. . . . Crated Shipping Weight 2300 Lbs. . . . Finished in machine tool gray.

VANDERCOOK 325A HAND PROOF PRESS

This model is specially equipped for use in newspaper plants. It will prove a full newspaper page in type-high stereotype chase without printing the chase. Also, it is provided with special iron raising blocks to bring the bed of the press up to the same height as the make-up trucks, and an adjustable bed plate to further facilitate transferring of newspaper pages to and from the make-up trucks. Can be equipped with automatic sheet delivery and ink fountain to help speed up production.

OPTIONAL EQUIPMENT

Automatic Sheet Delivery . . . Ink Fountain with Synthetic Ductor Roller, Steel Vibrator, Additional Ink Plate and Extra Roller Core . . . Counter.

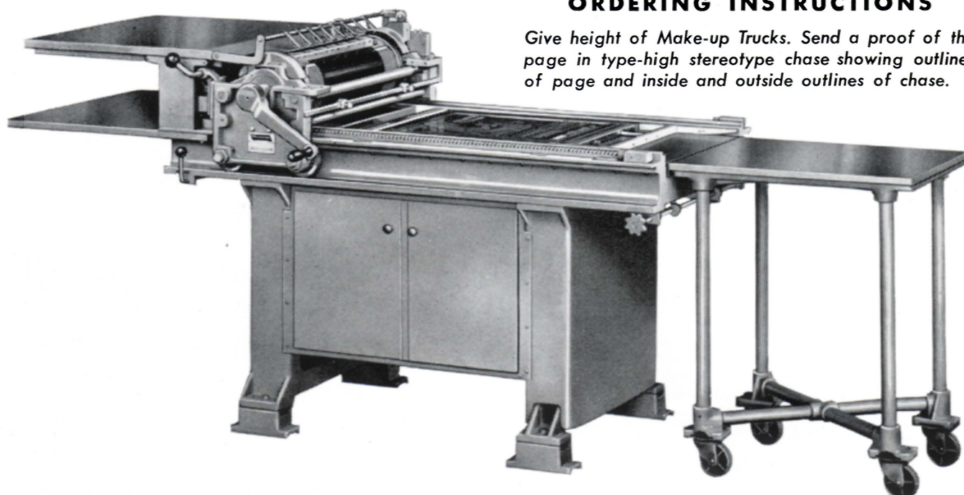
STANDARD EQUIPMENT

Galley Thickness Bed Plate . . . Automatic Cylinder Grippers . . . Cylinder Trip . . . Steel Cabinet

net with Covered Shelves . . . Delivery Board . . . Iron Raising Blocks to bring Bed of Press up to height of Make-up Trucks . . . Automatic Inking Roller Trip to prevent type-high stereotype chases from printing . . . Adjustable Bed for easy transfer of Newspaper Pages from Make-up Trucks . . . Adjustable Bed Bars to position Chase on Bed . . . Synthetic Inking Rollers . . . Extra Roller Stocks . . . Tympan including

ORDERING INSTRUCTIONS

Give height of Make-up Trucks. Send a proof of the page in type-high stereotype chase showing outlines of page and inside and outside outlines of chase.



Blanket and Patent Drawsheet . . . one Extra Patent Drawsheet . . . Necessary Tools.

SPECIFICATIONS

Bed Size 25" x 46 1/4" . . . Maximum Sheet 24 3/4" x 27" . . . Maximum Form 24" x 24 1/2" . . . Floor Space 3'4" x 7'9" (with Automatic Delivery 3'4" x 9'9") . . . Net Weight 2000 Lbs. . . . Crated Shipping Weight 2400 Lbs. . . . Finished in machine tool gray.

VANDERCOOK 25-24 HAND TEST PRESS

Enables forms in chases to be registered, lined-up and corrected before placing them on production presses—for the Kelly Styles C and B, Miehle Vertical, and smaller job presses. It is equipped with narrow margin grippers, the same as on production presses, as well as left and right side guides for handling work and turn jobs. The 25-24 has an efficient automatic inking system for fast distribution of ink, synchronized form roller drive, changeable inking unit, .040" hard packing, and numerous other features for efficiently and accurately correcting forms.

OPTIONAL EQUIPMENT

Extra Inking Unit with Synthetic Form Rollers and Extra Roller Stocks, complete except for Steel Distributors.

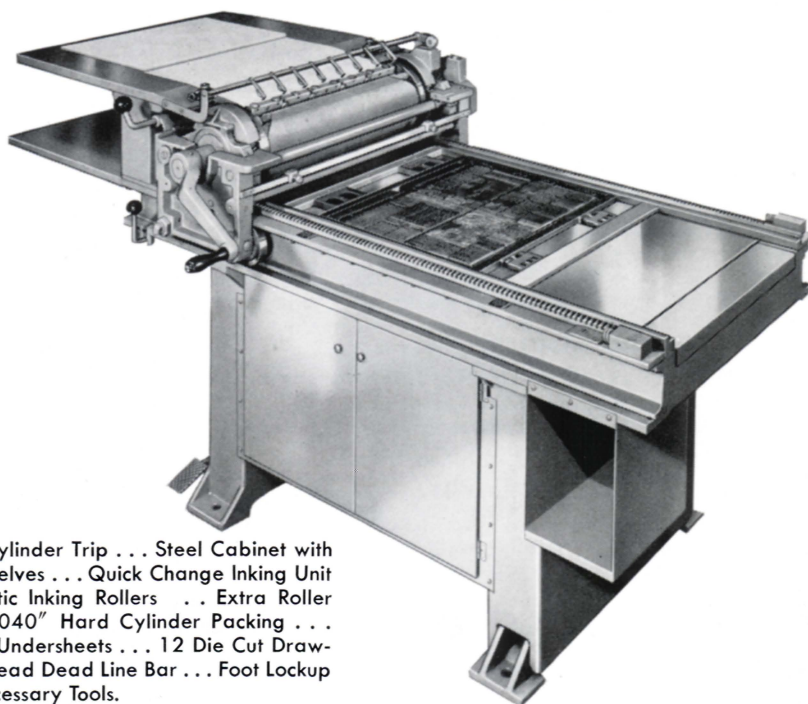
STANDARD EQUIPMENT

Combination Foot Operated and Automatic Grippers providing a minimum of 1/4" gripper margin . . . Adjustable Sheet Guides with Left and Right Side Guides . . . Celluloid Register

Punch . . . Cylinder Trip . . . Steel Cabinet with Covered Shelves . . . Quick Change Inking Unit . . . Synthetic Inking Rollers . . . Extra Roller Stocks040" Hard Cylinder Packing . . . 12 Die Cut Undersheets . . . 12 Die Cut Draw-sheets . . . Head Dead Line Bar . . . Foot Lockup Bar . . . Necessary Tools.

SPECIFICATIONS

Bed Size 25" x 46 1/4" . . . Maximum Sheet 24 3/4" x 27" . . . Maximum Form 24" x 24 1/2" . . .



Floor Space 3'4" x 7'9" . . . Net Weight 2000 Lbs. . . . Crated Shipping Weight 2300 Lbs. . . . Finished in machine tool gray.

VANDERCOOK 32-28 POWER TEST PRESS

Will register, line-up, and correct forms in chases for the Kelly No. 1, Styles C and B, Miehle Horizontal and Vertical, Miller Simplex, and smaller job presses. Equipped with narrow margin

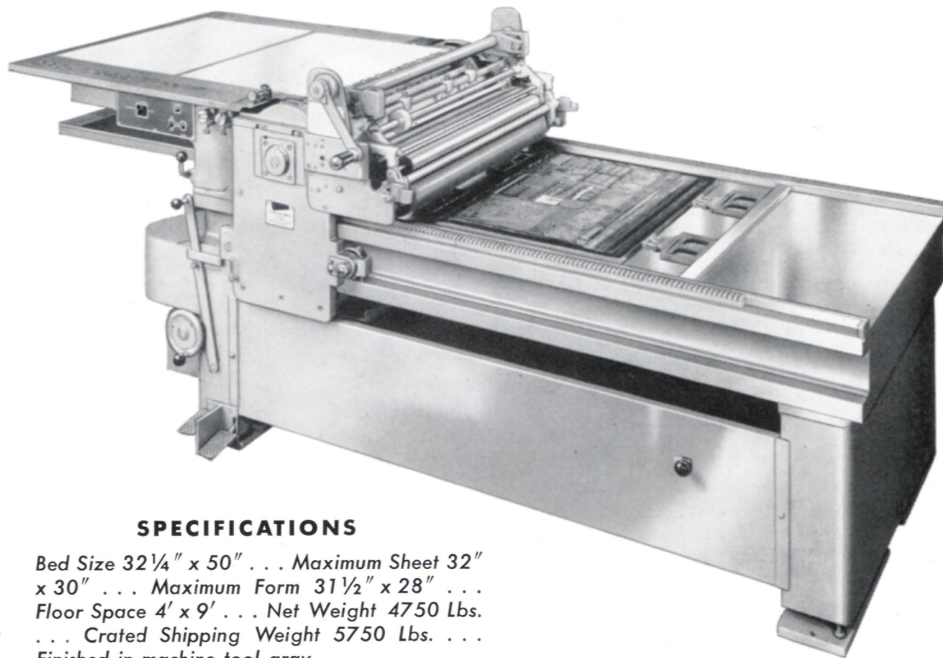
grippers, left and right side guides and changeable inking unit. Provides an efficient means of supplying customers with advance copies of the jobs to be printed.

OPTIONAL EQUIPMENT

Extra Inking Unit with Synthetic Form Rollers and Extra Roller Stocks, complete except for Steel Distributors . . . Steel Cabinet accommodating four Inking Units . . . Traveling Sheet Delivery Tray.

STANDARD EQUIPMENT

Foot Operated Grippers providing a minimum of $\frac{1}{4}$ " gripper margin . . . Micrometer Sheet Guides with Left and Right Side Guides . . . Celluloid Register Punch . . . Cylinder Trip . . . One Inking Unit complete with Synthetic Form Rollers and Extra Roller Stocks040" Hard Cylinder Packing . . . 1 h.p. A.C. or D.C. Motor for driving Impression Cylinder . . . $\frac{1}{4}$ h.p. A.C. or D.C. Motor for driving Ink Drum . . . 25 Die Cut Drawsheets . . . 25 Die Cut Undersheets . . . Head Dead Line Bar . . . Foot Lockup Bar . . . Necessary Tools.



SPECIFICATIONS

Bed Size $32\frac{1}{4}$ " x 50" . . . Maximum Sheet 32" x 30" . . . Maximum Form $31\frac{1}{2}$ " x 28" . . . Floor Space 4' x 9' . . . Net Weight 4750 Lbs. . . . Crated Shipping Weight 5750 Lbs. . . . Finished in machine tool gray.

VANDERCOOK 42-28 POWER TEST PRESS

With this machine, forms in chases for the Kelly 3, Miehle 41's, Miller Majors, and smaller flat bed presses can be registered, lined-up and corrected before placing them on production presses.

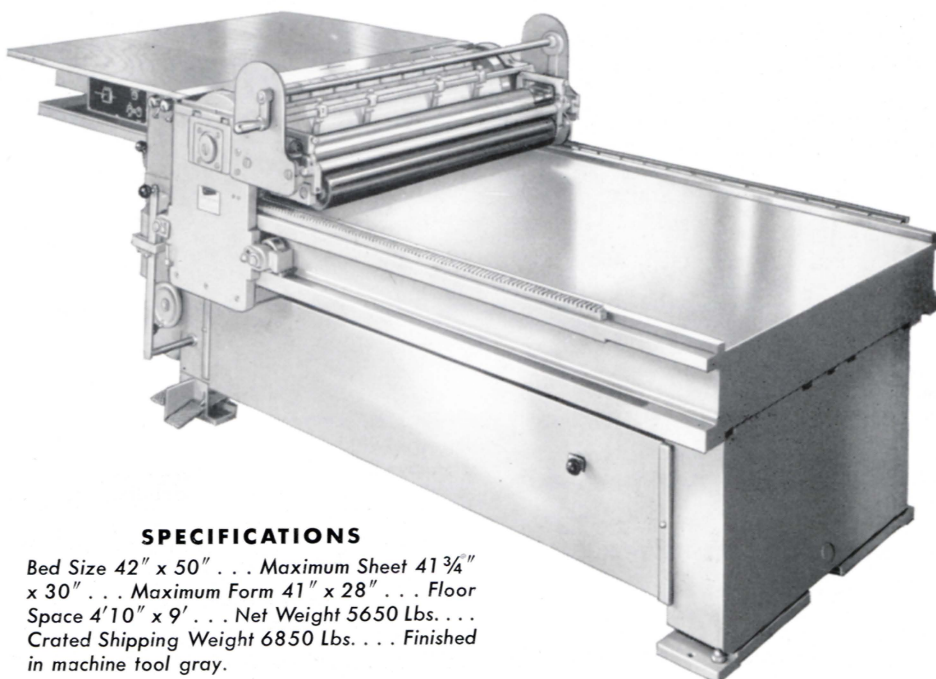
Equipped with narrow margin grippers, left and right side guides and changeable inking unit. Provides an efficient means of supplying customers with advance copies of jobs to be printed.

OPTIONAL EQUIPMENT

Extra Inking Unit with Synthetic Form Rollers and Extra Roller Stocks, complete except for Steel Distributors . . . Steel Cabinet for four Inking Units . . . Traveling Sheet Delivery Tray.

STANDARD EQUIPMENT

Foot Operated Grippers providing a minimum of $\frac{1}{4}$ " gripper margin . . . Micrometer Sheet Guides with Left and Right Side Guides . . . Celluloid Register Punch . . . Cylinder Trip . . . One Inking Unit complete with Synthetic Form Rollers and Extra Roller Stocks040" Hard Cylinder Packing . . . 1 h.p. A.C. or D.C. Motor for driving Impression Cylinder . . . $\frac{1}{4}$ h.p. A.C. or D.C. Motor for driving Ink Drum . . . 25 Die Cut Drawsheets . . . 25 Die Cut Undersheets . . . Head Dead Line Bar . . . Foot Lockup Bar . . . Necessary Tools.

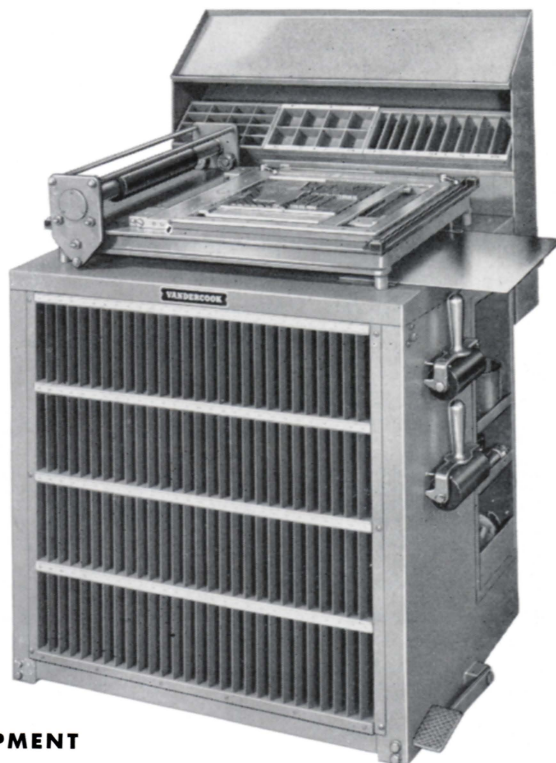


SPECIFICATIONS

Bed Size 42" x 50" . . . Maximum Sheet $41\frac{3}{4}$ " x 30" . . . Maximum Form 41" x 28" . . . Floor Space 4'10" x 9' . . . Net Weight 5650 Lbs. . . . Crated Shipping Weight 6850 Lbs. . . . Finished in machine tool gray.

VANDERCOOK 68 MAKEUP GAUGE

With production costs so high, the need for more accurate composing room equipment is becoming more urgent every day, since forms of maximum accuracy save not only lockup and lineup time on the stone, but lineup and position time on the press. With the Vandercook 68 Makeup Gauge, it is possible to make up forms that are exactly square—exactly alike in size—that can be justified to lift by controlled lockup pressure—and that will be in perfect alignment and in perfect register. This modern method of precision makeup will help to (1) lower composing room and pressroom costs, (2) save waste motion, (3) give compositors a fixed working standard, and (4) eliminate the inaccuracies of checking with a line gauge.



OPTIONAL EQUIPMENT

Extra Transparency Holder (for registering forms) . . . Acetate Sheet .030" thick.

STANDARD EQUIPMENT

Proof Press . . . One 6" Handy Brayer with cast roller and one extra bare core . . . Ink Plate . . . One Transparency Holder (for registering forms) with One Sheet .030" Acetate . . . Steel Cabinet with Space Cases, Lead-and-Slug Rack, and Compartments for String, Solvent Can, Ink and Rags . . . 1-quart Plunger Solvent Can.

SPECIFICATIONS

Minimum Form Capacity 23 x 27 picas . . . Maximum Form Capacity 60 x 80 picas . . . Floor Space 31" x 42" . . . Net Weight 850 Lbs. . . . Crated Shipping Weight 1025 Lbs. . . . Finished in machine tool gray.



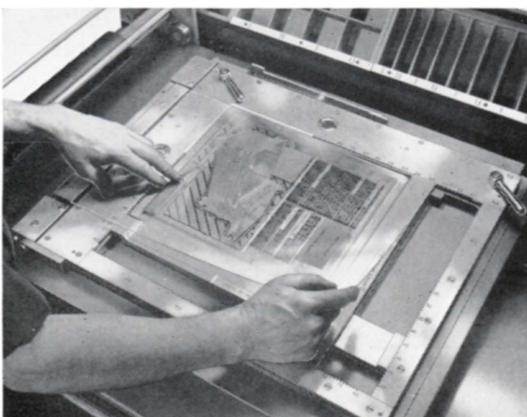
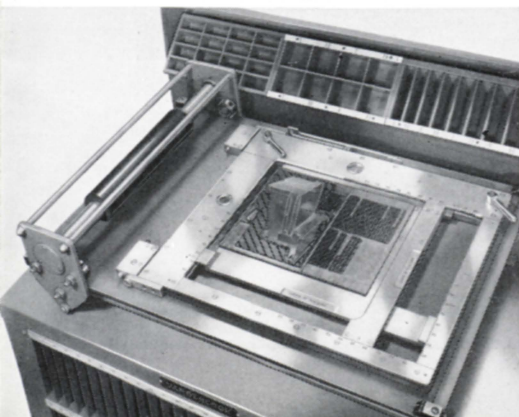
Operating the Vandercook 68 Makeup Gauge

First, gauge is set to the same dimensions as form to be made up by means of two adjustable bars calibrated in picas. Frequently, marginal furniture can be included in the makeup, thus saving additional lockup time. From this point, makeup proceeds much the same as on a galley. Justification is checked with two pressure bars which apply a predetermined amount of lockup pressure by means of an automatically controlled pressure mechanism. These pressure bars are operated by levers. Two micrometer scales, each graduated in points, give a direct reading in points whether form is justified or how much it is over or under. A foot pedal raises the form slightly so it can be checked for lift. When two or more colors are to be registered, the key form is inked and an impression taken on a sheet of acetate, using the impression cylinder provided.

Showing two cross bars calibrated in picas for setting size of form, two levers controlling lockup pressure, two micrometer scales calibrated in points to check justification, space cases and impression cylinder.

To register colors, key form is inked and an impression taken by rolling impression cylinder over hinged acetate sheets. Key form is then removed and impression on acetate used to register with next form, as shown below.

After checking form for position, alignment, register, lift, squareness and size, the two pressure bars are released, the page tied in the usual manner, and gauge locked in upright position to slide form on galley.



VANDERCOOK No. 11 BLOCK LEVELLER

Millions of dollars are spent annually on makeready. A substantial portion of this makeready cost can be saved by the use of more accurate plate mounting material. The Vandercook No. 11 Block Leveller is a precision tool for accurately planing wood, lead alloy, aluminum, magnesium, and plastic plate mounts. This new tool provides an economical means for attacking the most serious cause of makeready.

OPTIONAL EQUIPMENT

Metal Cutter . . . Nut for attaching Metal Cutter . . . Guard for Metal Cutter . . . Wood Cutter . . . Corrugated Fasteners for joining blocks larger than capacity of Block Leveller —1000 to box.

STANDARD EQUIPMENT

1 h.p. A.C. or D.C. Ball Bearing Cutter

Motor . . . ¼ h.p. A.C. or D.C. Ball Bearing Table Motor . . . two Wood Cutters . . . two Oilstones . . . Straight Edge . . . Type High Setting Gauge . . . Brush . . . Cutter Wrench.

SPECIFICATIONS

Capacity 12" x 18" . . . Floor Space 2'6" x 3'6" . . . Height 4'9" . . . Net Weight 1300 Lbs. . . . Crated Shipping Weight 1550 Lbs. . . . Finished in machine tool gray.



8 IMPORTANT FEATURES

OF THE VANDERCOOK No. 11 BLOCK LEVELLER . . .

- 1 Planing time on a 12" x 18" block is seven seconds.
- 2 Heavy precision construction throughout.
- 3 Table supported by ball bearing 14½" in diameter.
- 4 Quick-acting plate clamps operated by hand wheel. Warped mounting material can be corrected by first planing the block with neutral clamping and then planing the other side with clamps exerting a down pull.
- 5 Standard equipment includes a vacuum exhaust system with Cyclone Separator in base of

machine for removing both metal and wood shavings and depositing them into an easily emptied steel drawer.

6 Pressing on foot pedal releases table brake, disengages clamping wheel, and starts both cutter and table motors.

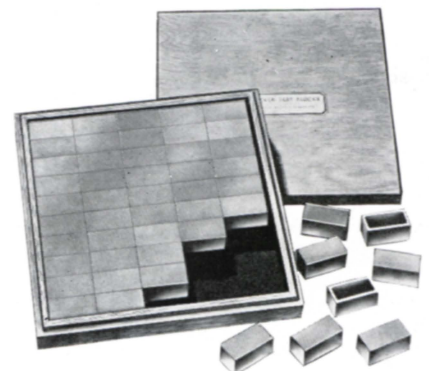
7 Raising or lowering the cutter head to the desired thickness is controlled by a wheel located within arm's length of the operator. An eye level indicator, located just above the wheel, is graduated in .001".

8 Cutters are inexpensive and easy to regrind.



VANDERCOOK TEST BLOCKS

These Magnesium Blocks are 1" x 2" x .918" in size (accurate within one-quarter thousandth) with relief printing lines of 25% color density. They are used on cylinder presses for correcting impression by means of a permanent overlay. Order half as many Test Blocks as there are square inches of press bed, less two inches each way for lockup. Vandercook Test Blocks come packed in Plush Lined Storage Boxes containing 50 blocks per box. Shipping Weight approximately 25 Lbs. per box.



VANDERCOOK PLATE, TYPE & SLUG GAUGES



No. 6 PLATE GAUGE

Has a capacity for testing flat plates up to 12" wide under printing pressure. Also for measuring paper, patent base, bed bearers, cylinder packing, and other materials.

OPTIONAL EQUIPMENT

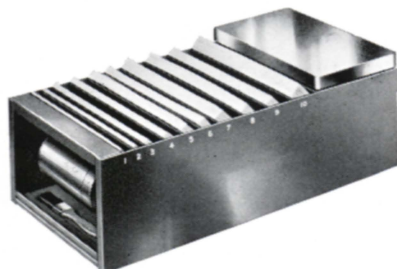
Extra Setting Gauges in Standard Heights (.918", .759", .250", .1875", .152" and .0625") . . . Extra Setting Gauges in Special Heights.

STANDARD EQUIPMENT

Two Setting Gauges—.918" and .152".

SPECIFICATIONS

Depth of throat 6" . . . Measures flat plates up to 12" wide . . . No limit to length . . . Will measure any thickness from 1 1/8" down to .001" . . . Bench space 10 1/2" x 14" . . . Shipping Weight 80 Lbs. . . . Finished in black crackle.



UNDERLAY PAPER CABINET

This steel Cabinet has 10 compartments for 9" x 12" paper, from .001" to .010" in thickness. The steel surface plate is used to check plates for rock. Brush and special Paste are used for applying underlay.

STANDARD EQUIPMENT

Surface Plate 7 1/2" x 12 1/2" . . . Ten 100 Sheet Packages 9" x 12" Underlay Paper .001" to .010" in thickness . . . Pint Can Special Paste . . . Paste Brush.

SPECIFICATIONS

Paper Cabinet 12 1/2" x 25 1/2" x 8" . . . Surface Plate 7 1/2" x 12 1/2" . . . Shipping Weight 100 Lbs. . . . Finished in machine tool gray.



No. 8 PLATE GAUGE

Suitable for measuring either flat or curved printing plates up to 26" wide under printing pressure. Used by electrotypers, stereotypers, newspapers, and large printing plants.

OPTIONAL EQUIPMENT

Extra Setting Gauges in Standard Heights (.918", .759", .250", .1875", .152" and .0625") . . . Extra Setting Gauges in Special Heights . . . Curved Saddles, made to purchaser's specifications.

STANDARD EQUIPMENT

Six Setting Gauges—.918", .759", .250", .1875", .152" and .0625" . . . Flat Base Plate.

SPECIFICATIONS

Depth of throat 13" . . . Measures flat plates up to 26" wide . . . No limit to length . . . Will measure curved plates from largest diameter down to 6" . . . Will measure any thickness from 1 1/8" down to .001" under printing pressure . . . Floor space 18" x 24" . . . Shipping Weight 550 Lbs. . . . Finished in machine tool gray.

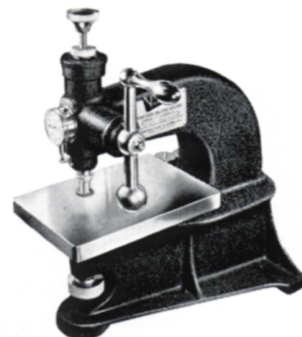


TYPE GAUGE

A precision, compact instrument for quickly and easily measuring machine composition. In gauging type, dial is set at zero on the .918" Setting Gauge supplied. Type or linotype slugs are placed in holder under the plunger. Indicator shows errors in thousandths, plus or minus.

SPECIFICATIONS

Bench Space 6" x 7 1/4" . . . Shipping Weight 20 Lbs. . . . Finished in black crackle.



No. 9 PLATE GAUGE

Has a 9" throat and is large enough to measure plates up to 18" wide under printing pressure. It will accommodate either flat or curved plates. Simple to operate, no calculations to make.

OPTIONAL EQUIPMENT

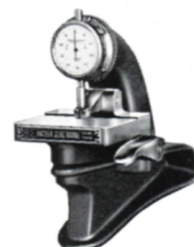
Extra Setting Gauges in Standard Heights (.918", .759", .250", .1875", .152" and .0625") . . . Extra Setting Gauges in Special Heights . . . Curved Saddles, made to purchaser's specifications.

STANDARD EQUIPMENT

Three Setting Gauges—.918", .759" and .152" . . . Flat Base Plate.

SPECIFICATIONS

Depth of throat 9" . . . Measures flat plates up to 18" wide . . . No limit to length . . . Will measure curved plates from largest diameter down to 6" . . . Will measure any thickness from 1 1/8" down to .001" under printing pressure . . . Bench space 10" x 17" . . . Shipping Weight 110 Lbs. . . . Finished in black crackle.



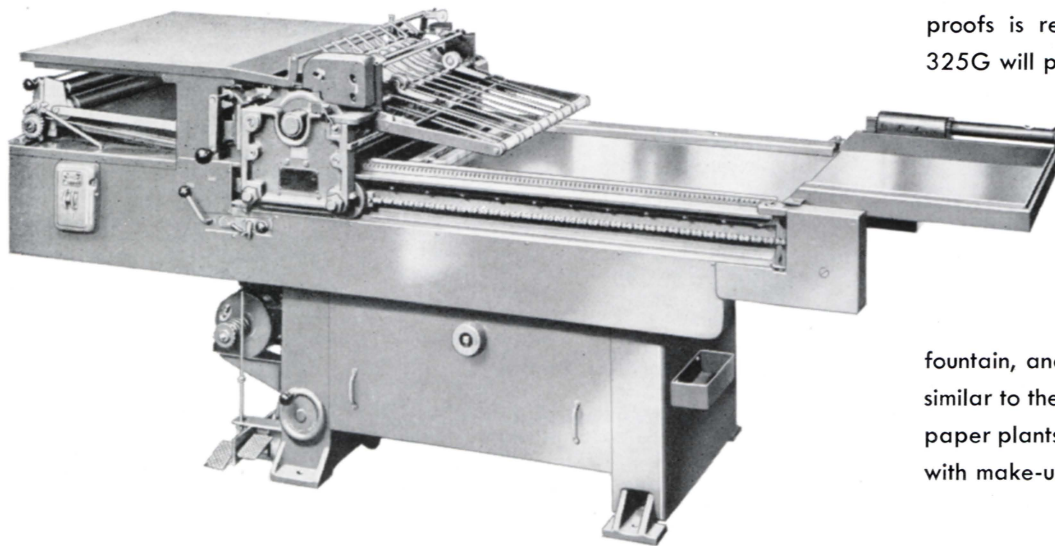
SLUG GAUGE

Here is a compact, precision instrument which is essential equipment for any modern composing room that operates line casting equipment. The thickness of linotype slugs can be definitely checked under form squeeze and tapered slugs quickly detected.

SPECIFICATIONS

Bench Space 5 3/4" x 7 1/2" . . . Shipping Weight 20 Lbs. . . . Finished in black crackle.

VANDERCOOK 325G POWER PROOF PRESS



Here is a machine that is intended mainly for commercial plants where larger volume of proofs is required with greater speed. The 325G will produce excellent proofs with close register on sheets 4" x 6" up to 24 $\frac{3}{4}$ " x 27" at a speed up to 1000 proofs per hour. This output is possible because the press is fully power operated as well as equipped with an efficient inking system with fountain, and an automatic delivery. A model similar to the 325G is also available for newspaper plants, being specially equipped for use with make-up trucks, as shown below.

OPTIONAL EQUIPMENT

Celluloid Register Punch.

STANDARD EQUIPMENT

Automatic Sheet Delivery . . . Ink Fountain with two Synthetic Ductor Rollers and Extra Roller Stocks . . . Two Synthetic Form Rollers and Extra Roller Stocks . . . Combination Foot Operated

and Automatic Cylinder Grippers . . . Adjustable Sheet Guides . . . Cylinder Trip . . . Galley Thickness Bed Plate . . . Handy Lockup Bar . . . Head Dead Line Bar . . . $\frac{3}{4}$ h.p. A.C. or D.C. Motor . . . Counter . . . Tympan including Blanket . . . 12 Die Cut Drawsheets . . . 12 Die Cut Undersheets . . . Necessary Tools.

SPECIFICATIONS

Bed Size 25" x 46 $\frac{1}{4}$ " . . . Maximum Sheet 24 $\frac{3}{4}$ " x 27" . . . Maximum Form 24" x 24 $\frac{1}{2}$ " . . . Floor Space 3'9" x 9'10" . . . Net Weight 3000 Lbs. . . Crated Shipping Weight 3800 Lbs. . . Finished in machine tool gray.

VANDERCOOK 325A POWER PROOF PRESS

This model is identical to the 325G Proof Press illustrated above, excepting that the 325A is specially equipped for newspaper plants to facilitate transferring of forms and to prove full newspaper pages in type-high stereotype chases without printing the chase. To bring the bed of press up to the height of make-up trucks, iron raising blocks are provided. In addition, the end of the bed plate may be raised or lowered when transferring pages from truck to press and back.

STANDARD EQUIPMENT

Automatic Sheet Delivery . . . Ink Fountain with two Synthetic Ductor Rollers and Extra Roller Stocks . . . Two Synthetic Form Rollers and Extra Roller Stocks . . . Automatic Cylinder Grippers . . . Cylinder Trip . . . Galley Thickness Bed Plate . . . $\frac{3}{4}$ h.p. A.C. or D.C. Motor . . . Iron Raising Blocks to bring Bed of press up to height of Make-up Trucks . . . Automatic Inking Roller Trip to prevent type-high stereotype chases from printing . . . Adjustable Bed for easy transfer of Newspaper Pages from Make-

up Trucks . . . Adjustable Bed Bars to position chase on Bed . . . Tympan including Blanket and Patent Drawsheet . . . One Extra Patent Drawsheet . . . Counter . . . Tools.

SPECIFICATIONS

Bed Size 25" x 46 $\frac{1}{4}$ " . . . Maximum Sheet 24 $\frac{3}{4}$ " x 27" . . . Maximum Form 24" x 24 $\frac{1}{2}$ " . . . Floor Space 3'9" x 9'10" . . . Net Weight 3000 Lbs. . . Crated Shipping Weight 3800 Lbs. . . Finished in machine tool gray.



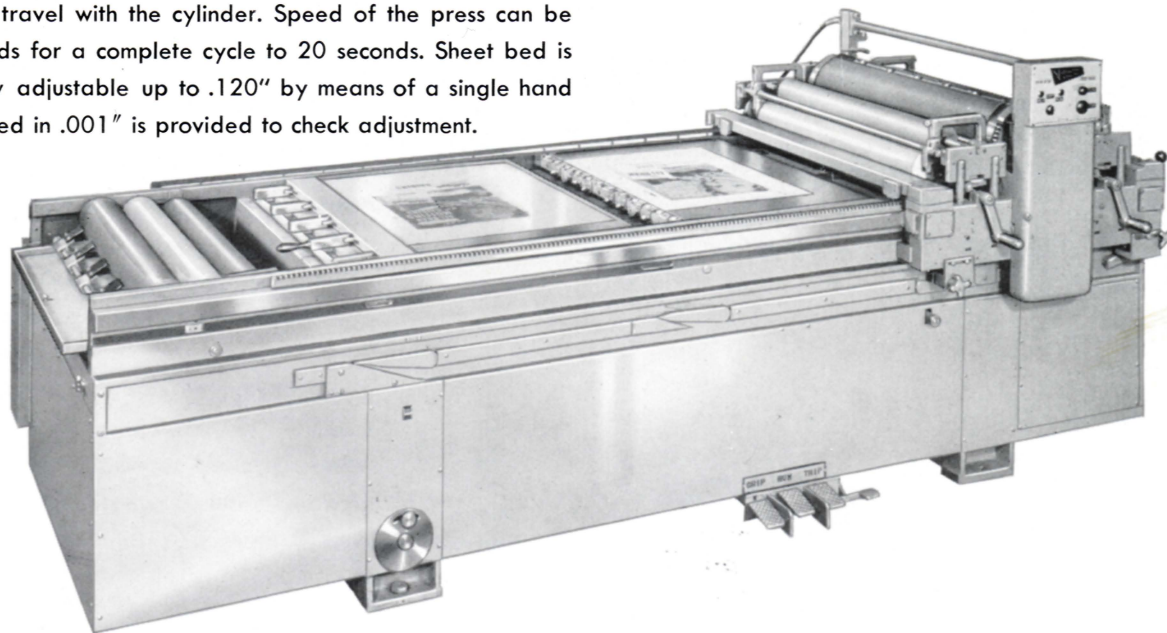
325A ORDERING INSTRUCTIONS

Give height of Make-up Trucks and send a proof of the page in type-high stereotype chase. Proof must clearly show outlines of page

and inside and outside outlines of chase. The form rollers on the 325A are cut at the factory slightly wider than the page.

VANDERCOOK 22-34 POWER OFFSET PROOF PRESS

Completely power operated, with automatic inking and automatic dampening. Inking and dampening units may be quickly changed when color proving. Driving motor does not travel with the cylinder. Speed of the press can be regulated from 7 seconds for a complete cycle to 20 seconds. Sheet bed is instantly and accurately adjustable up to .120" by means of a single hand wheel. A gauge calibrated in .001" is provided to check adjustment.



OPTIONAL EQUIPMENT

Extra Inking Unit with Synthetic Form Rollers and Extra Roller Stocks, complete except for Steel Vibrator . . . Extra Dampening Unit with Covered Rollers and Extra Roller Stocks, complete except for Steel Vibrator.

STANDARD EQUIPMENT

One Inking Unit with two Synthetic Form Rollers

4½" x 35" and Extra Roller Stocks . . . One Dampening Unit with two Covered Form Rollers 4½" x 35" and Extra Roller Stocks . . . One New Type Quick Wash-up Ink Fountain . . . 1 h.p. A.C. or D.C. Motor for driving Impression Cylinder . . . ¼ h.p. A.C. or D.C. Motor for driving Ink Distributor . . . ¼ h.p. A.C. or D.C. Motor for driving Water Distributor . . . One

Offset Blanket . . . Necessary Tools.

SPECIFICATIONS

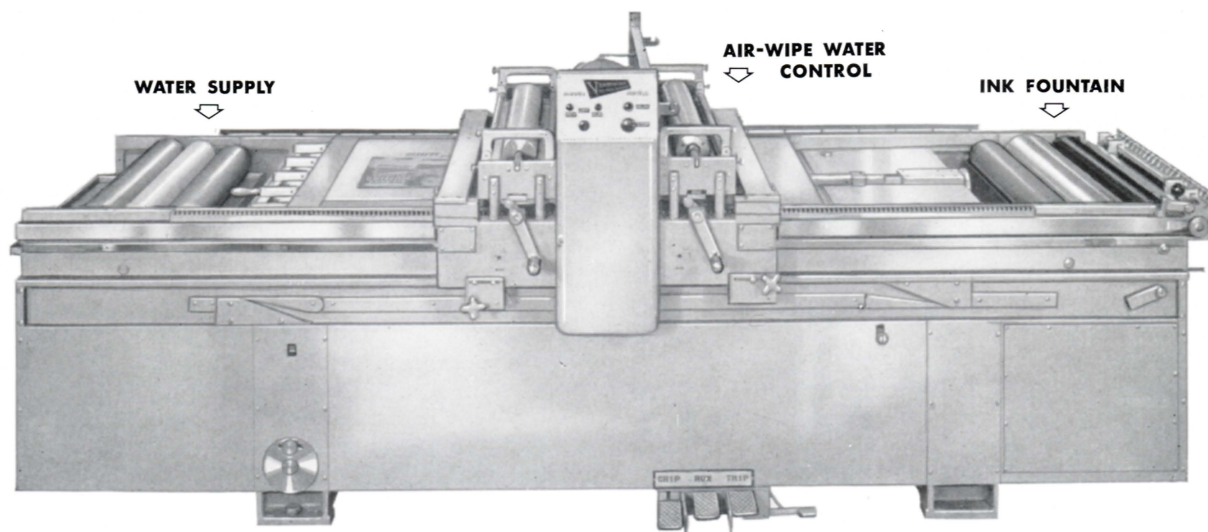
Maximum Printing Surface 22½" x 35" . . . Maximum Sheet 28" x 36" . . . Floor Space 5' x 11' . . . Net Weight 7600 Lbs. . . Crated Shipping Weight 9300 Lbs. . . Finished in machine tool gray.

Perfect Balance is Possible with the Vandercook Inking and Dampening Systems

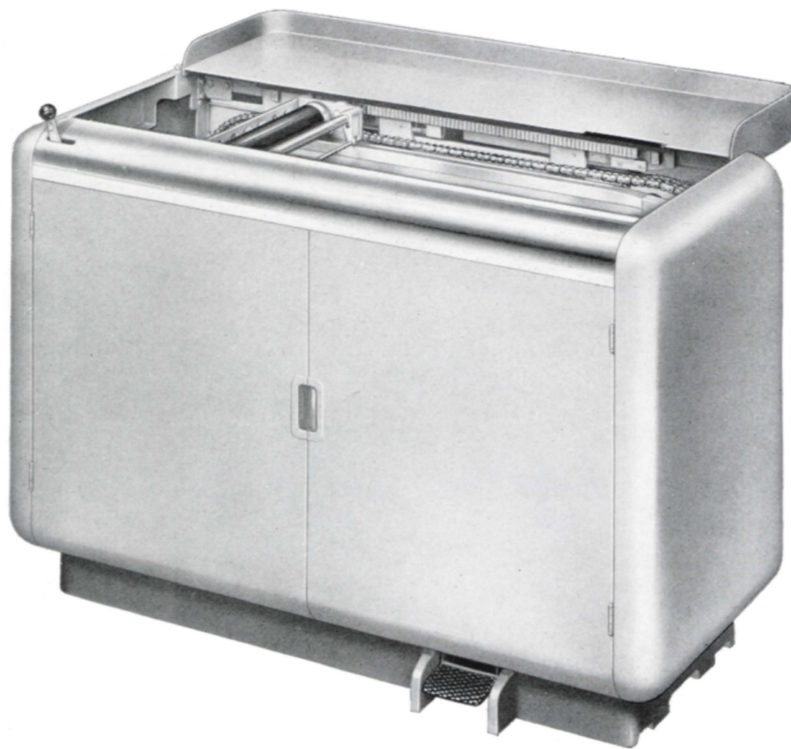
The Motor Driven Water System provides means for adding the correct amount of well distributed water for each impression. The amount of water being fed to the Dampening Rollers can be quickly and accurately adjusted by means of a single lever. Further water control is obtained by means of an ingenious "AIR-WIPE

Water Control" whereby air under pressure is released at the proper time through a slot in the under side of a channel on the cylinder carriage extending across bed. This "air-wipes" the plate twice between inking and impression on the blanket and removes surplus water.

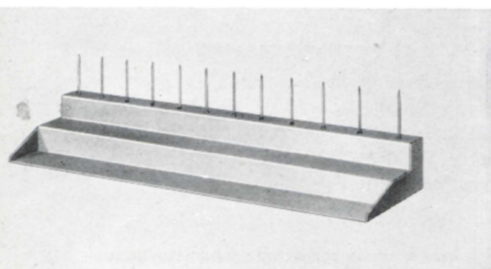
The Motor Driven Inking System provides means for adding the correct amount of well distributed ink for each impression. The amount of ink being fed to the Inking Rollers can be quickly and accurately adjusted by means of a single lever.



VANDERCOOK 23 SAFE ELECTRIC GALLEY PROOF PRESS



A high speed machine that is capable of delivering up to 40 good galley proofs per minute with absolute safety to the operator. The press is equipped with a positive-action Safety Bar—placed just ahead of both the impression cylinder and form rollers—which stops press instantly upon contact with operator's hands, a work-up or obstacle of any kind $\frac{1}{16}$ " above type high. While used principally by larger newspapers for both editorial and ad proofs, the 23 is also recommended for commercial plants where high-speed proving of straight matter and made-up pages is essential. The special 3-density vulcanized rubber impression cylinder is made especially resilient so as to assure good proofs of forms on galleys that may vary.



Illustrated on left is the Auxiliary Shelf with Proof Spindles, which can be supplied as optional equipment at extra cost. When placed on top of the standard paper shelf with which the press is regularly equipped, this Auxiliary Shelf provides a convenient method for separating proofs intended for different departments.

OPTIONAL EQUIPMENT

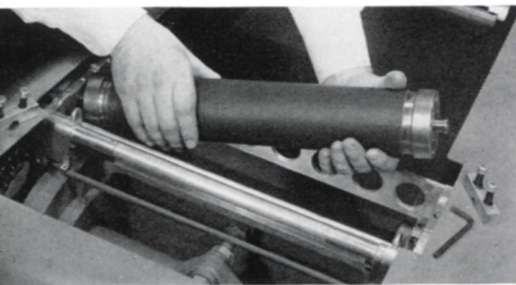
Auxiliary Shelf with 12 Proof Spindles.

STANDARD EQUIPMENT

$\frac{1}{2}$ h.p. A.C. or D.C. Motor . . . One set Synthetic Rubber Form Rollers and Vibrator . . . One Vandercook Special 3-Density Vulcanized Rubber Impression Cylinder . . . Necessary Tools.

SPECIFICATIONS

Bed Size 15" x 26" . . . Maximum Form 14" x 26" . . . Maximum Sheet 14 $\frac{3}{4}$ " x 30" . . . Floor Space 3' x 4'9" . . . Net Weight 1800 Lbs. . . . Crated Shipping Weight 2200 Lbs. . . . Finished in machine tool gray.

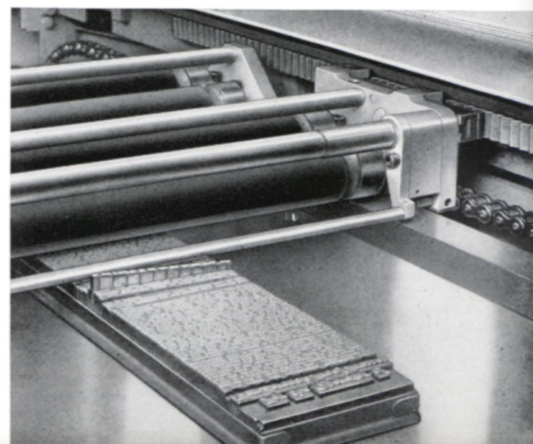
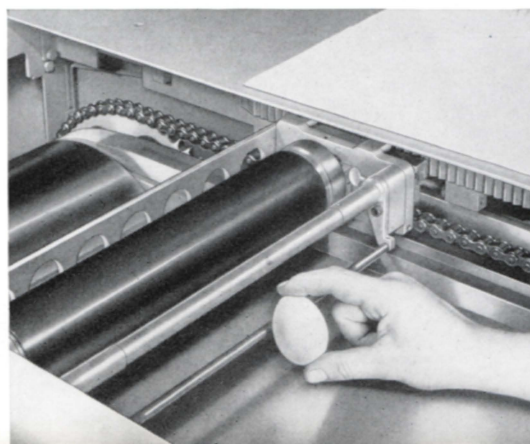
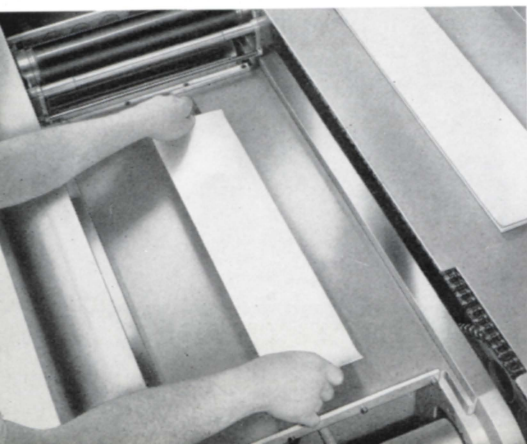


Every possible provision was made to simplify servicing the 23 Safe Electric. One of the operations is illustrated on the left, and shows the ease with which the vulcanized rubber impression cylinder and the four form rollers are serviced by simply removing the bearing caps, which are very accessible.

Feeding of sheets and changing galleys is easy since the large open bed provides ample space. Production is limited only by operator's ability to feed and remove sheets.

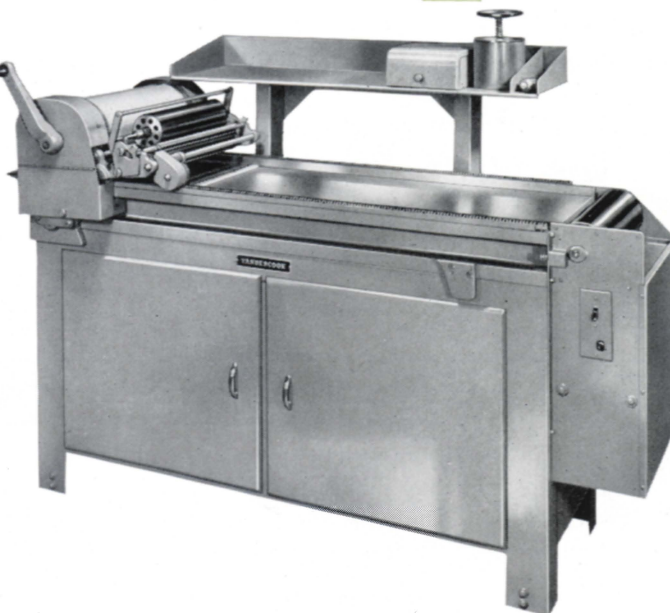
The sensitivity of the Safety Bar to contact is so critical that the fragile shell of an egg is sufficient contact to stop the press without cracking its shell.

Head-on view of Safety Bar, which will instantly stop the machine upon contact with the operator's hands or any work-up or object $\frac{1}{16}$ " or more above type high.



VANDERCOOK 15 GALLEY PROOF PRESS

This new machine was built to meet the demand of trade plants and composing rooms generally for a precision galley proof press equipped with power ink distribution that would deliver galley proofs of high quality to accurately check the condition of the type as well as the copy. The Vandercook 15 was designed to meet these requirements. It is equipped with a medium hard packed cylinder and a motor driven ink drum that provides maximum ink distribution. The impression cylinder is automatically tripped when moved from right to left to ink the form; and inking rollers are automatically tripped on the travel of the cylinder carriage from left to right to take the impression. The Vandercook 15 is recommended to plants requiring quality galley proofs of machine composition and made-up pages, as well as good proofs of halftones.



STANDARD EQUIPMENT

Steel Storage Cabinet . . . Steel Shelf over Impression Cylinder . . . Synthetic Rubber Inking Rollers . . . Tympan including Blanket and Synthetic Rubber Drawsheet . . . One Extra Synthetic Rubber Drawsheet . . . 1/4 h.p. A.C. or D.C. Motor for driving Inking Unit . . . Two-quart

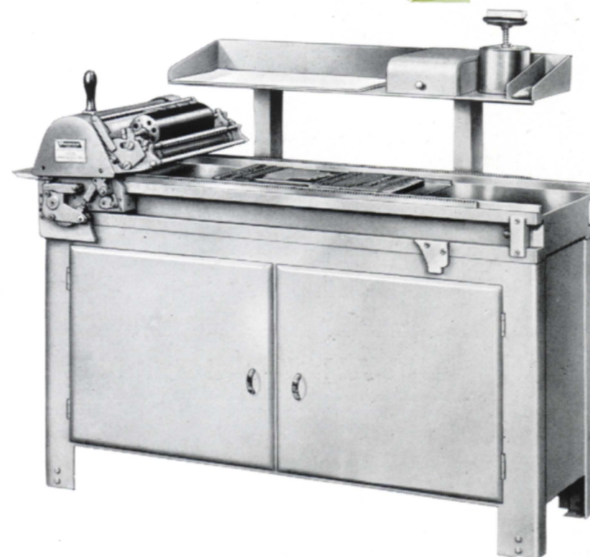
Plunger Can . . . Tube of Ink . . . Necessary Tools.

SPECIFICATIONS

Bed Size 15" x 26" . . . Maximum Sheet 14 3/4" x 28" . . . Maximum Form 14" x 24" . . . Floor Space 1'11" x 6'2" . . . Net Weight 1000 Lbs. . . . Crated Shipping Weight 1200 Lbs. . . . Finished in machine tool gray.

VANDERCOOK 05 HAND GALLEY PROOF PRESS

Suitable in newspaper plants or trade shops where volume of galley proofs is not sufficient to justify an electric machine. The 05 is recommended for galley proving of machine composition and made-up pages, but will also give good proofs of halftones. Because it is equipped with automatic inking and simple in design and operation, unusual high speed is possible even though it is hand operated. Up to 20 proofs a minute are easily produced by an experienced operator. There are no adjustments of any kind for the operator to make—no cylinder packing to change.

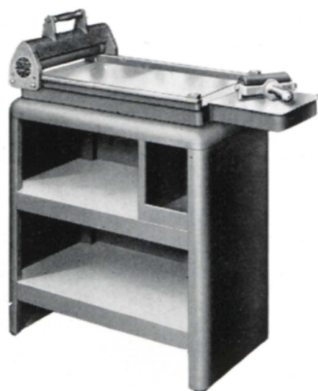


STANDARD EQUIPMENT

Steel Storage Cabinet . . . Steel Shelf over Cylinder . . . Special 3-density, vulcanized rubber Impression Cylinder . . . Synthetic Rubber Inking Rollers . . . Two Quart Plunger Can . . . Tube of Ink . . . Necessary Tools.

SPECIFICATIONS

Bed Size 15" x 26" . . . Maximum Sheet 14 3/4" x 28" . . . Maximum Form 14" x 24" . . . Floor Space 1'11" x 5'4" . . . Net Weight 800 Lbs. . . . Crated Shipping Weight 975 Lbs. . . . Finished in machine tool gray.



VANDERCOOK No. 0 PROOF PRESS

Long enough for full length galley. Hand inking. For the small printer and typesetter, or as an auxiliary machine in larger plants.

STANDARD EQUIPMENT

Removable Galley Thickness Bed Plate ... Lockup Pins.

OPTIONAL EQUIPMENT

Ink Plate (attaches to end of Bed) ... 6" Cast Aluminum Handy Brayer with one Bare Core ... Casting Roller for Handy Brayer, glue composition, 2½" x 6", including Core ... Steel Cabinet.

SPECIFICATIONS

Bed Size 13" x 32" ... Maximum Sheet 12¾" x 27" ... Maximum Form 12½" x 25" ... Floor Space 1'6" x 3'6" ... Net Weight—Press 150 Lbs., Cabinet 55 Lbs. ... Boxed Shipping Weight—Press 160 Lbs., Cabinet 100 Lbs. ... Finished in machine tool gray.

VANDERCOOK No. 1 PROOF PRESS

It is ideal for the smaller printer where hand inking is sufficient—or in larger plants as auxiliary equipment. Has cylinder grippers.

OPTIONAL EQUIPMENT

Casting Roller for Handy Brayer, glue composition, 2½" x 6", including Core.

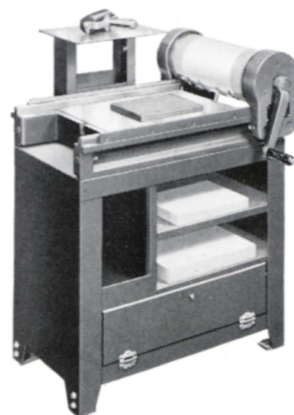
STANDARD EQUIPMENT

Galley Thickness Bed Plate ... Double Cylinder Grip-

pers ... Steel Cabinet ... Ink Plate ... 6" Handy Brayer with one Bare Core ... Tympan including Blanket ... 12 Extra Die Cut Drawsheets ... 12 Extra Die Cut Undersheets ... Lockup Pins ... Two Head Dead Line Bars ... Necessary Tools.

SPECIFICATIONS

Bed Size 16" x 21" ... Maximum Sheet 15¾" x 19" ... Maximum Form 15" x 17¼" ... Floor Space 2'4" x 2'8" ... Net Weight 410 Lbs. ... Crated Weight 550 Lbs. ... Finished in machine tool gray.



VANDERCOOK No. 2 PROOF PRESS



Hand inked, this machine is intended for proving full page newspaper pages in galleys or stereotype chases. Also for commercial plants.

OPTIONAL EQUIPMENT

Adjustable Bed and Special Bed Plate for easy transfer of Newspaper Pages from Make-up Trucks ... Casting Roller for Handy Brayer, glue composition, 3" x 10", including Core.

STANDARD EQUIPMENT

Press Cabinet is equipped with Adjustable Legs to

bring bed up to height of Make-up Trucks ... Galley Thickness Bed Plate ... Steel Cabinet ... Ink Plate ... 10" Handy Brayer with 1 Bare Core ... Tympan including Blanket ... 12 each Extra Die Cut Drawsheets and Undersheets ... Lockup Pins ... Necessary Tools.

SPECIFICATIONS

Bed Size 24" x 50½" ... Maximum Sheet 23¾" x 26½" ... Maximum Form 23" x 24½" ... Floor Space 2'8" x 4'3" ... Net Weight 955 Lbs. ... Crated Shipping Weight 1125 Lbs. ... Finished in machine tool gray.

VANDERCOOK No. 14 PROOF PRESS

A small hand inked machine with cylinder grippers—suitable for high grade proving where the volume does not justify automatic inking. Ideal for small printers and typesetters.

OPTIONAL EQUIPMENT

Casting Roller for Handy Brayer, glue composition, 3" x 10", including Core.

STANDARD EQUIPMENT

Galley Thickness Bed Plate ... Double Cylinder Grip-

pers ... Steel Cabinet ... Ink Plate ... 10" Handy Brayer with one Bare Core ... Tympan including Blanket ... 12 Extra Die Cut Drawsheets ... 12 Extra Die Cut Undersheets ... Lockup Pins ... Two Head Dead Line Bars ... Necessary Tools.

SPECIFICATIONS

Bed Size 17½" x 25½" ... Maximum Sheet 17¾" x 25" ... Maximum Form 16½" x 23¼" ... Floor Space 2'7" x 3'9" ... Net Weight 650 Lbs. ... Crated Weight 825 Lbs. ... Finished in machine tool gray.

