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THE
Blatchford
PLATE MOUNTING
System



... Faster line-up and lock-up
... More accurate register
... Longer, steadier runs
... Higher quality letterpress work

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48

For the Printer Who Is Not Equipped with Blatchford Base

It would be difficult, today, to find a large, progressive printing plant . . . where production is scientifically controlled and costs are accurately measured . . . that is not operating with modern plate mounting equipment. For the economy which must necessarily go hand-in-hand with large scale production, efficient base equipment is as essential as efficient presses.

You can find, however, hundreds of smaller plants, otherwise modernly equipped, operating without base equipment. Why? Simply because of an erroneous belief that "patent" base is solely for the big shops. The small or medium size printer often feels that his class of work does not require modern plate mounting equipment.

As a matter of fact, it is because these plants are not base-equipped that their "class of work" is restricted. The difference between producing color or close-register work and the ordinary run of printing is not a matter of presses - it is simply a matter of base equipment.

The question is not whether you need base equipment - it is whether you can afford to restrict your

productive capacity and limit your efficiency, and thereby curb your profits, by operating without it.

Blatchford "Homegrown" Base does more than provide a short-cut for make-up and lock-up. By providing the facilities for baseline register, close fitting of plates for reduction of paper waste, perfect support for easy make-ready, availability of full printing area on press, Blatchford Base actually increases the scope of business you can economically handle as well as the productivity of your labor hour and your presses. It is an integral and necessary part of modern printing production on small plants as well as large.

No matter what the size of your plant or the nature of your work, if you are not base-equipped or if your base equipment is obsolete, or will not handle every class of work . . . it will pay you to investigate Blatchford Base. This booklet tells you what you should know about the Blatchford Plate Mounting system. After absorbing the information and weighing all the facts, we urge you to contact the nearest Blatchford office (addresses on back cover) and find out how modest will be your investment for Blatchford Base to properly equip your plant.



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Bl.

In book printing, speed - in ing a set of plates - is a product spread Blatchford Catch and open has literally "discontinued" the work. Ask any properly equipped base he uses and he answers, "Blatchford." The reason Blatchford - has been installed



Blatchford

Here is a typical 32-page book made up ready for base-up short complete change of 32 plates for will be made at a page-per-minute

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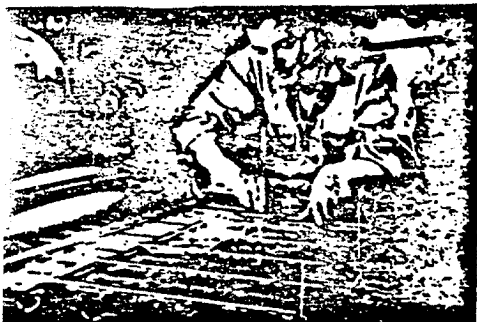
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Printer Who Is Not Equipped with Blatchford Base

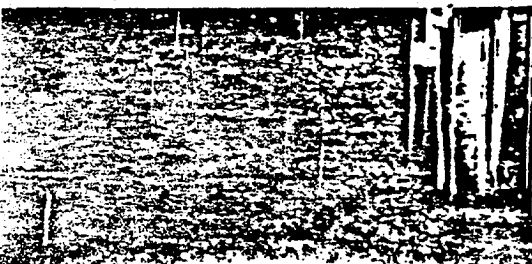
Today, to find a large, progressive printer who is accurately measured with modern plate mounting equipment which most necessarily scale production, efficient and as efficient presses, hundreds of smaller plants, ped, operating without base, because of an erroneous in safety for the big shops, a printer often feels that his square modern plate mount-

productive capacity and limit your efficiency, and thereby curb your profits, by operating without it. Blatchford "Honeycomb" Base does more than provide a short-cut for make-up and lock-up. By providing the facilities for machine register, close fitting of plates for reduction of paper waste, perfect support for easy make-ready, a stability of full printing area of press, Blatchford Base actually increases the scope of business you can economically handle as well as the productivity of your labor hour and your presses. It is an integral and necessary part of modern printing production in small plants as well as large.

No matter what the size of your plant or the nature of your work, if you are not base-equipped or if your base equipment is obsolete or will not handle every class of work... it will pay you to investigate Blatchford Base. This booklet tells you what you should know about the Blatchford Plate Mounting system. After absorbing the information and weighing all the facts, we urge you to contact the nearest Blatchford office (addresses on back cover) and find out how modest will be your investment for Blatchford Base to properly equip your plant.



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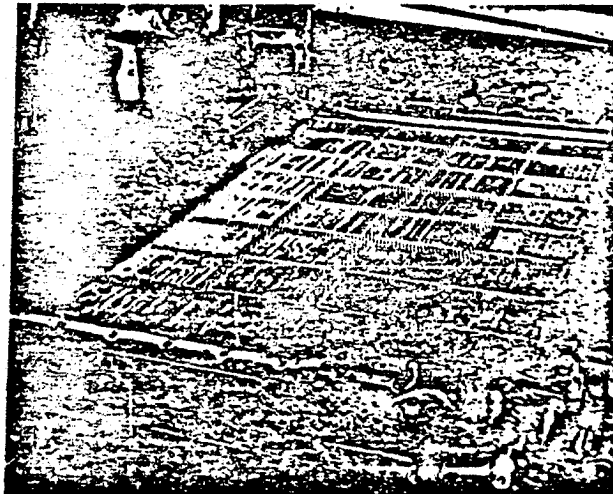


Blatchford Base for Speed

In book printing, speed - in lock-up and in changing a set of plates - is a production "must." With its special Blatchford Catch and operating tool, Blatchford has literally "streamlined" these operations for book work. And any properly equipped book printer who has to ever and has another, undoubtedly, will be "Blatchford." The original "Honeycomb" base - Blatchford - has been imitated, of course, but it is

still the leader when it comes to eliminating the wasted effort and lost motion inherent in old fashioned plate mounting equipment.

The general run of printing does not require or permit this super-speed in make-up. But in every class of printing production, speed is an important factor, because speed means time-saving and time-saving means money-saving.



Blatchford Saves Time in Lock-up

Here is a typical 32-page book form which was made up ready for line-up sheet in short order. A complete change of 32 plates for subsequent forms will be made at a paper-per-minute rate. The time

used in printing large books drastically lowers cost. To the commercial printer, speed such as this seems almost unbelievable, but to the Blatchford-equipped book printer it is merely a matter of daily routine.

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Blatchford Base for Accuracy

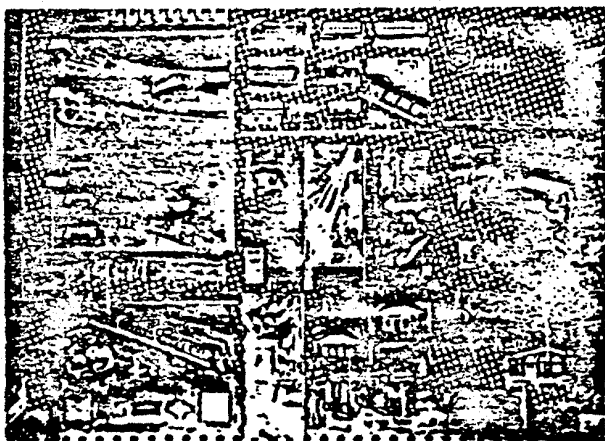
While printing is essentially an accurate process, standards of accuracy vary considerably with classes of production. Great volumes of primary, for instance, are sufficiently accurate when within a lead or two of exact measure. On the other hand, however, the color printer must literally split hairs to obtain register. He wants no limitations imposed by plate size or shape, no handicap due to shortcomings of plate mounting.

Even though your run-of-shop work may not require color-printing accuracy in make-up and register, it is false economy to be satisfied with less than Blatchford efficiency. With Blatchford you also get perfect plate support to minimize make-ready and plate wear, and perfect rigidity in holding plates to eliminate any possibility of plate movement during the longest run.

Blatchford Provides Permanent Hairline Register

Here is a portion of the "red" form of a 4-color process job, printing on a sheet 48" x 70". Note the numerous small plates, several of which are of odd shape due to the cutting apart of large plates in order to secure precise register. This form and the other

three forms which constituted the complete plate layout for a top quality four-color catalog, could not have been made up and registered on any base but Blatchford, in the considered opinion of the printer who handled the job.



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Blatchford Base for

Close margins... whether narrow for register... small plates... irregular shapes... complicated blends... all these are the rule rather than the exception on carton and label work. And with Blatchford Base, all are accomplished without loss or excessive cost.

You may never have a job as intricate as the one shown below to look up and register, but it is reassuring to know that you can handle the most difficult

Blatchford Simplifies Difficult Irregular Shapes Press

Here is a corner of the "yellow" form of a 3-color carton job, printing on a sheet 27" x 43". The irregular shape of plates, the close fitting to good paper waste, and the narrow margins... all might seem im-



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Blatchford Base for Accuracy

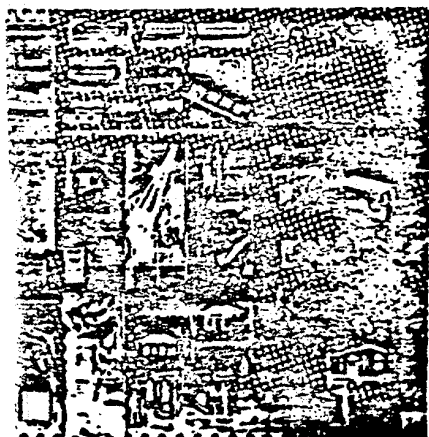
For an accurate process, register with accuracy. For printing, for instance, within a lead or line of an, however, the color to obtain register. The of plate use or shape, of plate mounting.

Even though your run-of-shop work may not require color-printing accuracy in make-up and register, it is time economy to be worked with less than Blatchford efficiency. With Blatchford you also get perfect plate support to minimize make-ready and plate wear, and perfect rigidity in holding plates to eliminate any possibility of plate movement during the longest run.

Blatchford Provides Permanent Hairline Register

Form of a 4-color 44" x 70". None the of which are of odd large plates in order form and the other

three forms which constituted the complete plate layout for a top quality four-color printing, could not have been made up and registered on any base but Blatchford, in the considered opinion of the printer who handled the job.



Blatchford Base for Tough Jobs

Close margins... whether makes for register... small plates... irregular shapes... complicated blends... all these are the rule rather than the exception on carton and label work. And with Blatchford Base, all are accomplished without loss or increase cost.

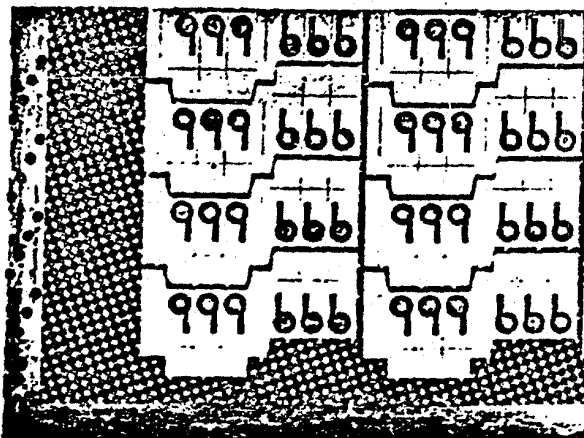
You may never have a job as intricate as the one shown below to back up and register, but it is revealing to know that you can handle the most difficult

jobs without hampering restrictions or the employment of make-shift tricks when you are Blatchford-equipped. In addition to the versatility of Blatchford, you benefit by a saving of make-ready time, you enjoy facilities for quick and accurate register, and you can count on the absolute rigidity of the Blatchford Catch, with the freedom to place Catches anywhere and at any angle, along outer edges of plates or inside corners.

Blatchford Simplifies Difficult Make-ups... Irregular Shapes Present No Problem

Here is a corner of the "yellow" form of a 3-color carton job, printing on a sheet 27" x 43". The irregular shape of plates, the close fitting to avoid paper waste, and the narrow margins - all might seem im-

practical or impossible to the commercial printer. But to the Blatchford-equipped carton and label printer, it's just another run-of-shop job. Carton plates, almost without exception, are Blatchford Base ones.

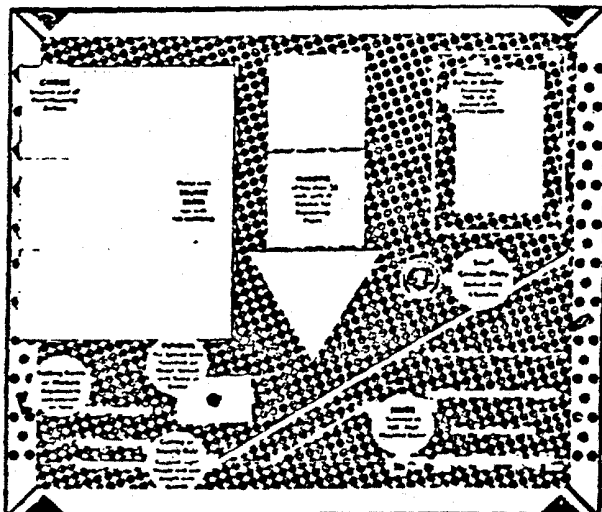


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For Complete Freedom of Action Blatchford Base Is Basic



The Director was more about the creation of the Black and White Museum which could be converted to thousands of words.

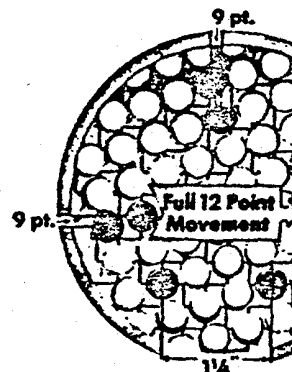
Study the group of deep-level ideas . . . can be developed to solve a definite, practical problem. Both "Militants" have strong inner and later strong abstract, and even culture, are creative cultures.

That shows us one of the things in, I say, one of the influences of the blackboard curriculum. Students who are used, usually by the presence of cartoons and talking pictures, to the presence of things, used to make pictures as aids to their own memory, and so on.

born worked-out Proctors who have had years of experience with this equipment have no hesitation in saying that Milteloid Bros. and the Eastern Molders, then, etc. dropped in to give us a, provide the means of solving any make-up or hot-top problem.

remains from printing job. Exhibit 1-A shows and
the last make-up of page 14 in book printing.
Markings of crossed paper and the register, the align-
ment and the sheet determination. All these
marks are shown and described on pages 10 and 11.

Blatchford Has No H to Handicap Make-up



While other types of base may bear some resemblance to Blak-Mold, some duplicators Blak-Mold's skillfully engineered and truly ingenious features. With Blak-Mold Base, any plate may be placed anywhere and rigidly anchored with the required number of fasteners. The bases are arranged to provide adequate anchorage for plates of any size - postage stamp or poster. There is a "type-measure" relationship be-

There are
"traces" of
2 pairs in
the same
4 points, 2
of the jaw,
one between
the other two

Blackbird's unique small-toothed beak - not that small birds get upset fast - prevents them from feeding on plants as small as a dandelion. You'll never see Blackbird feed - no matter where it settles to feed, you can catch it on the spot with those Catchers.

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Complete Freedom of Action Blatchford Base Is Basic

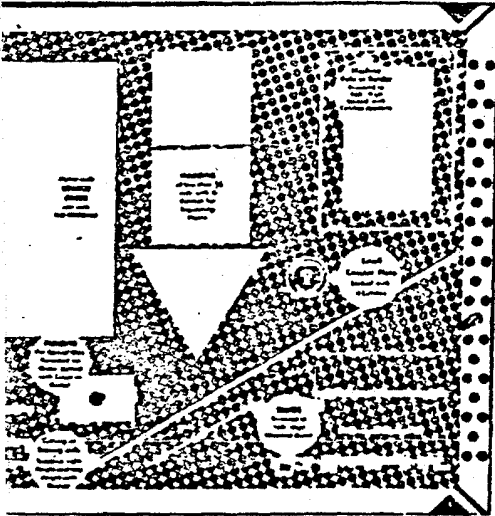


Illustration shows how the arrangement of the Blatchford Base using system that could be converted in thousands of ways.

Illustration... each design...
planned problem. With
the information shown
a unique solution
explicable problem here

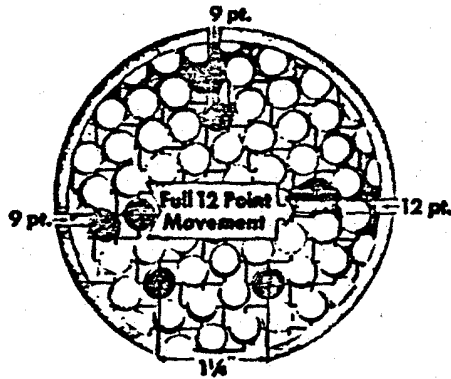
here mentioned. Primes also have had several ex-
amples with this equipment have on hand to sup-
port that Blatchford Base, and the Catcher. Markers
then, etc. designed to go with it, provide the means of
solving any make-up or lock-up problem.

above lock-up are the follow-
ing. Diagrams... which are
of various and taking forms,
used to solve problems in each
kind of using them... and the

multi-point punching job. Rather 1 catch... and
for fast make-up of page plates on book printing.
Markers of several types... and for repairs, for iden-
tification and for check determination. All these
items are illustrated and described on pages 11 and 14.

(10)

Blatchford Has No Blind Spots to Handicap Make-up or Lock-up



While other types of base may bear some resem-
blance to Blatchford, none duplicate Blatchford's
difficultly engineered and truly unique pattern. With
Blatchford Base, any plate may be placed anywhere
and equally adjusted with the required number of
Catches. The holes are arranged to provide adequate
anchorage for plates of any size - postage stamps or
pages. There is a "type-measure" relationship be-

tween hole diameter, actual width between holes and
"travel" of the Blatchford Catch pin. The holes are
2 points in diameter. Their centers are 9 points apart.
One turn of the key in the Catch moves the pin
4 points. Three turns produce the full 12 point travel
of the pin, a distance 3 points greater than the differ-
ence between adjacent hole centers. Catch-sliding is
further minimized with the three pin slots available.



Blatchford's unique multi-hole base... more
than 100 holes per square foot - permits three-Catch
hold-down on plates as small as a dime. Two a small
one on Blatchford Base - no matter where it comes to
rest, you can anchor it on the spot with three Catches.

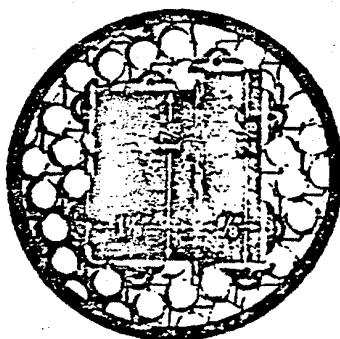


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Blatchford is Designed for Quicker, Easier, Unrestricted Make-up



With Blatchford Base, any plate, regardless of size or shape, may be placed anywhere on the "baseplate" and anchored with an adequate number of Catches.

The quarter-inch square scoring on the face of Blatchford Base makes possible quick spacing and alignment of plates, especially on book and catalog work. All base holes are either "one-line" or "two-line" holes. Thus, plates may be placed on positions according to "line" Catches inserted and tapered and the whole base held up without needing a corner

of suitable base. To illustrate the "one-line" "two-line" pattern, note the paths of the dotted lines in the photos below.

As shown in the above photographic illustration, margins as close as $\frac{1}{8}$ " may be held with small, un-bored plates. Even with plates as small as those shown, Catches can be placed opposite each other to secure positive hold on plates. Cutting, scoring and perforating rules are held securely, in alignment and without "wobble." There are no make-up accessories. Catches may be inserted after plates are spaced.

Purpose of "One-line" and "Two-line" Holes

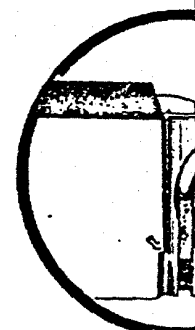
The hole "A" at left in Base means simply, in a "one-line" hole, both vertically and horizontally. The holes with Catches - B, C and D - also are "one-line" holes. Holes E, F, G, H, I, J, K and L are "two-line" holes, in all directions.

Under this illustration is an actual set of Base sections, you can put your rule on the set and see that the centers of all "one-line" holes from the same line are $\frac{1}{4}$ " apart. Similarly, the



"two-line" holes also are $\frac{1}{4}$ " apart. To secure Catches from A to F, Catches G to L, and Catches M to N, would shift plate upward exactly $\frac{1}{4}$ " or $\frac{3}{4}$ " each.

The Blatchford Assures Absolute



Most important, perhaps, than any other included Blatchford feature is the absolute rigidity of the Blatchford Catch. Its three sturdy scoring parts provide support directly on line with the job. Compare this Blatchford principle of "direct support" with that of other catches or books, all of which depend upon "leverage" to support the holding job. Of necessity, there is some spring or give without direct support. Where there is leverage, plates literally "float" between two pressures. The superiority of the Blatchford principle of rigid support is self-evident, its prac-

The Blatchford Catch

In addition to rigidity, the design of the Blatchford Catch encompasses another important and practical help that is exclusively Blatchford.

As the jaw of the Catch is adjusted to grip the plate, the movement is both towards it and down it. Plates are not only held in position; they are held down on the base!

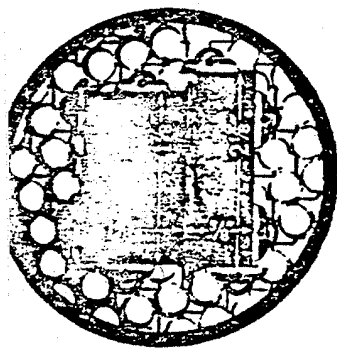
It is this hold-down action which makes practical the use of un-bored plates with the Blatchford Base.

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Blatchford is Designed for Easier, Unrestricted Make-up



up plates, regardless of need anywhere on the with an adequate make-up.

of suitable time. To illustrate the "one-line," "two-line" pattern, note the paths of the dotted lines in the photo below.

As shown in the above photographic illustration, mirrors as close as 1/4" may be held with small, unbracketed plates. Even with plates as small as those shown, Catches can be placed opposite each other to insure positive hold on plates. Catching, uncatching and performing rules are held securely, in alignment and without "wobble." There are no make-up restrictions. Catches may be inserted after plates are spotted.

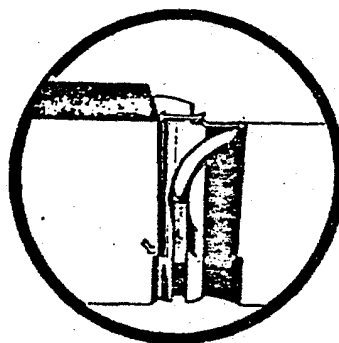
"One-line" and "Two-line" Holes



Can you tell why one of all "one-line" holes, apart from the other, the

"Two-line" holes are 1/4" apart. In some Catches, as at B in 24, Catch C in 16, and Catch D in 16, would also plate upward evenly 1/4" on dry back.

The Blatchford Pin Catch Assures Absolute Rigidity



More important, perhaps, than any other individual Blatchford feature is the absolute rigidity of the Blatchford Catch. Its three sturdy moving parts positively support directly in line with the pin. Compare the Blatchford principle of "direct support" with that of other catches or holds, all of which depend upon "leverage" to support the holding pin. If necessary, there is some spring or give without direct support. Where there is leverage, plates literally "float" between two pressure. The superiority of the Blatchford principle of rigid support is self-evident, its practical value in maintaining perfect register with large plates at high speeds is unquestionable. The Blatchford Catch provides positive, permanent catch-up.

Additional support and holding power is derived from the shape of the Blatchford Hole. In the above enlarged cross-section, note the extra width at the base of the hole and the ledge under which the Catch is held. Note, too, that the purpose of the pin is to support the wall near the top of the hole merely serves to show the projection on the lower part of the Catch body under the holding ledge.

The Blatchford Catch Holds Plates Down

In addition to rigidity, the design of the Blatchford Catch accomplishes another important and practical feat that is exclusively Blatchford.

As the pin of the Catch is advanced to grip the plate, the movement is both towards - and down it. Plates are not only held in position; they are held down on the base.

It is this hold-down action which makes practical the use of unbracketed plates with the Blatchford System - maintaining margins and reducing plate wear. The hold-down action is also an important contributing factor to the unusually fine impression obtained with Blatchford Bore.

A Blatchford Catch always moves freely in an unobstructed and instantly adapts itself to irregular shapes or angles. The same key operates all three sizes of Pin Catches and no special tool is required to remove catches from the line.

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The Blatchford Ratchet Catch Gives You Super-Speed in Book Lock-up



The Blatchford Ratchet Catch has the same simplicity of design and the same "hold-down" as the Blatchford Pin Catch PLE's additional speed for book make-up and lock-up - where the press runs are shorter and the repeat less precise.

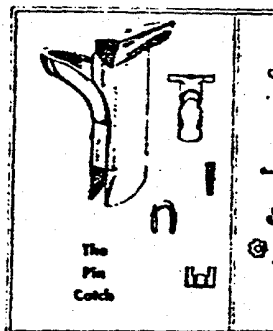
While the Ratchet Catch may be needed in any single, there is a special version using a lock prevents accidental running, turning or dropping out of the hole - to secure identical catch positions when a set

of plates is changed on the press bed or on the stone.

The jaw of the Ratchet Catch has the same 12-point travel as the regular Pin Catch but it is propelled or retracted by the forward or backward movement of the Ratchet feed instead of the turn of a pin.

The Ratchet Catch - a Blatchford feature - visually illustrates how experience in developing and perfecting a plate-mounting system successfully solves each problem in every type of printing production.

Blatchford Catch Keeps Upkeep



Both the Pin Catch and the Ratchet Catch have four standardized and interchangeable parts. But even more important than simplicity of design is the fact that each part of each catch has been subjected to years of experimenting with materials and heat treatments. Here again "I experience testing" proves its value. Blatchford Catches have never failed to demonstrate their superior strength when actually tested against resistance.

The body of the Pin Catch is a stout deep forging.

Some of the reasons for the fine performance of Blatchford have been found in the careful studying of the design itself. The operators choose one (1) and 2) Grinding and polishing of long and short runs of Study (3) Chasing and polishing holes (4) Boring which gives an edge of Study (5) Maximum inspection of finished Study.



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Blatchford Ratchet Catch Gives You Super-Speed in Book Lock-up

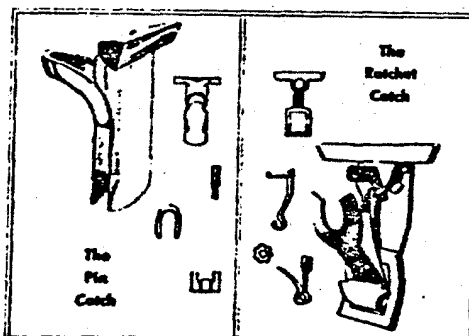


Blatchford Catch has the same time as the "hold-down" in the 1.5 additional speed for book - where the press runs are less precise.

The pin of the Ratchet Catch has the same 12-point travel as the regular Pin Catch but it is propelled or rejected by the forward or backward movement of the Ratchet Jaw instead of the turn of a pin.

The Ratchet Catch - a Blatchford feature - actually illustrates how experience in developing and perfecting a plate-running system successfully solves each problem in every type of printing production.

Blatchford Catch Construction Keeps Upkeep Down



Both the Pin Catch and the Ratchet Catch have four standardized and interchangeable parts. But even more important than simplicity of design is the fact that each part of each catch has been subjected to years of experimenting with materials and heat treatments. Here again "I experience Testing" proves its value. Blatchford Catches have never failed to demonstrate their superior strength when actually tested against resistance.

The body of the Pin Catch is a stout deep forging.

accurately finished. seldom is it affected by accident or wear. The three moving parts, which may break occasionally, cost only a few cents and are quickly replaceable by expert.

The Ratchet Catch Mover has four simple parts - a sturdy body and three replaceable moving parts. The low cost of replacement parts plus the fact that you need never return damaged catches to us for repair, represents an extremely important economy to every Blatchford unit.



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Blatchford ... the Dependable, Durable Base



The Blatchford Base you buy is, in all intents and purposes, a plate-mounting unit, ready for plate lock-up. Actually, the base consists of a number of L-shaped blocks like one shown here, assembled in puzzle fashion to completely fill a chase of the specified size. The blocks are die-cast L-shape to permit base assembly with no "straight line of break" longer than five inches and to give the utmost locking security — each interlock block is supported by six of its neighbors.

With the advent of magnesium as a plate mounting metal some years ago, Blatchford converted its lightweight aluminum. When Blatchford introduced the "magnesium" pattern about 35 years ago, weight-saving somewhere and pressure was primarily glad to see it come into their plants. Because Blatchford was lighter, first, due to "magnesiuming," second, due to the use of a special zinc alloy. Base of this original metal is, of course, still available.

Now, in magnesium, Blatchford Base is the ultimate in lightweight mounting. A square foot of this base weighs 40 ounces. A Blatchford Base in size 20" x 40" (including chase) weighs 16 pounds, which is about 12% lighter than any other base of apparently similar pattern.

To sum up, here are some of the reasons why you should use Blatchford

1. Accurately made — each unit in the cast and all sides are machined accurately to fixed dimensions which are checked before assembly.
2. Light in weight, impervious to atmospheric conditions.
3. Will not curl, spring or warp; cannot work up under pressure — it "stays put."
4. The quarter-inch ribbing provides the make-up man with an accurate fractional inch guide.
5. Easy to clean — the holes go clear through the base and most of the accumulated dirt and dust falls to the press bed where it may be easily removed.
6. By virtue of its unusual, divided shape the customary "straight line of break" is eliminated — together with the standing hazard.
7. The extreme of simplicity in construction which means negligible up-keep costs — no nuts, pins or attachments to get out of order.
8. Catches may be repaired by anyone by simply replacing the 1/8" pin.
9. Uniform support is afforded every square inch of printing surface of every printing plate. There are no grooves or irregularities to affect make-ready on a long run.
10. Plates cannot move on the Blatchford Base during the longest runs, once they are properly positioned and locked.
11. Hairline register is obtained with a minimum of time and effort. A full turn of the key gives an accurate four-point movement. There is no play in the Catch, once it's locked.
12. The locking action of the Catch is positive. Each Catch securely grips a stout ledge within its own anchorage and if properly locked cannot accidentally jump out.
13. The Blatchford Catch is a novel lock without a screwdriver. It may be used at any angle on a selected Catch but it does not possess the inherent weakness of a Catch with a screw lock.
14. Narrow Margin Catches are as strong as Register Catches because the lip is a part of the body. They may be used freely without fear of break-up and are operated with the same pin.
15. One tool — the Blatchford Key will operate all Pin Catches and dismantle and reassemble them in case of repair.
16. Blatchford furnishes a simple tool designed to safely shift plates and avoid the necessity of make-shift methods — the first flow manufacturer to see and supply this want.
17. Blatchford Quenches These counter square lock-up Catch holes in side bars of chase provide maximum printing surface and all advantages of both vented and solid base.

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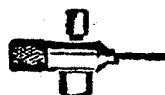
Get the Most Out With The

THE

Blatchford Pin Catcher, used for the regular re- as well as fine color exposure, are made in three sizes: (1) Regular and (2) Extension. All use same Key and pin.

Under pressure tests, the Blatchford Pin Catcher has been found to hold a plate securely without the slightest sign of springing or yielding. There is nothing that can pull it out or force it out of its seat.

THE



This one tool removes it from the Catch. To avoid accidents and switch system down, there is no of the Catch.

THE

The Blatchford Plate Shifter has been carefully constructed to shift plates with ease and no leverage is ample to move the largest plates and designs.

Without a plate shifter, under strain is imposed on Catch and pin. Laying with hammer and screwdriver.

THE



THE

Designed especially for faster work, make-ups, the Blatchford Register Catch possesses the same quality of design and all of the basic features of the Blatchford Pin Catcher.

While the Register Catch may be considered in any angle, a spread between spring pressure, accidental forcing or dropping out of hole — to prevent accidental

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... the Dependable, Durable Base

The Blatchford Base you buy is, in all intents and purposes, a photo-mounting unit, ready for plate lock-up. Actually, the base consists of a number of L-shaped blocks like one shown here, assembled in jig-saw puzzle fashion to completely fill a chase of the specified size. The blocks are die-cast L-shape to permit base assembly with no "straight line of break" longer than five inches and to give the utmost locking security — each interior block is supported by six of its neighbors.

With the adoption of magnesium as a plate mounting metal some years ago, Blatchford reasserted its lightweight leadership. When Blatchford introduced the "honeycomb" pattern about 35 years ago, weight-savvy photographers and printers were promptly glad to see it come into their plants, because Blatchford was lighter, first, due to "honeycombing," second, due to the use of a special zinc alloy. None of this special metal is, of course, still available.

Now, in magnesium, Blatchford Base is the ultimate in lightweight mountings. A square foot of this new base weighs 40 ounces. A Blatchford Base in size 24" x 40" (excluding chase) weighs 18 pounds, which is about 12% lighter than any other base of apparently similar pattern.

Here are some of the reasons why you should use Blatchford

— each unit is die cast and all of accuracy to fixed dimensions before assembly.

— impervious to atmospheric

ing or warp; cannot work up

is "days put."

rubbing provides the make-up

rate functional inch guide.

he holes go clear through the

the accumulated dirt and dust

bed where it may be easily

usual, six-sided shape the

row of block" is eliminated

standing hazard.

ply in construction which

keep units — no racks, pins

set out of order.

pared by anyone by simply

part.

extended every square inch

of every printing plate. These

compliments to effect make-

on.

one on the Blatchford Base

1 runs, since they are properly

cast.

11. Hairline register is obtained with a minimum of time and effort. A full turn of the key gives an accurate four-point movement. There is no play in the Catch, once it's bound.
12. The locking action of the Catch is positive. Each Catch securely grips a stout bolt within its own anchorage and if properly locked cannot accidentally jump out.
13. The Blatchford Catch is a swivel hook, without a swiveled lip. It may be used at any angle as a swiveled Catch but it does not possess the inherent weakness of a Catch with a swiveled lip.
14. Narrow Margin Catches are as strong as Regular Catches because the lip is a part of the body. They may be used freely without fear of breakage and are operated with the same pin.
15. One tool — the Blatchford Key will operate all Pin Catches and dismantle and reassemble them in case of repair.
16. Blatchford furnishes a simple tool designed to safely shift plates and avoid the necessity of make-shift methods — the first Base maintenance to use and supply this tool.
17. Blatchford Quencher Chase covers square lock-up. Catch holes at side bars of chase provide maximum printing surface and all advantages of both vertical and solid base.

Get the Most Out of Your Blatchford Base With These Accessories

THE PIN CATCH

Blatchford Pin Catches, used for the regular run of commercial work as well as fine color printing, are made in three sizes — (1) Narrow Margin, (2) Regular and (3) Extra-wide. All are operated with the same key and pin.

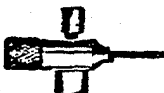
Under present laws, the Blatchford Pin Catch has proved stronger than all other registering Catches in use. It is absolutely rigid and will hold a plate motionlessly without the slightest shift of position. There is no spring involved. There is nothing that can give. No other Catch can equal it for either strength or safety.



THE KEY AND PIN

This one tool securely locks the Catch in the base, adjusts it for register, removes it from the base, dismantles it and reassembles it in repairing.

To avoid accidental disengagement of Catch during normal operation, a dog and notch system is provided. When pin is properly set in key (all the way down), there is just enough clearance to permit the normal working operation of the Catch.



THE PLATE SHIFTER

The Blatchford Plate Shifter has been carefully designed and constructed to shift plates with ease and security. Its leverage is ample to move the largest plates any required distance.

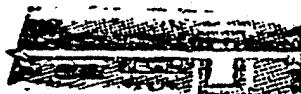
Without a plate shifter, undue strain is imposed on Catch and pin. Lapping with hammer and screwdriver



endangers both Catch and plate, particularly if plates are large. For safety's sake, use a Plate Shifter.

THE LIFTING BAR

In handling forms larger than 30 inches, Lifting Bars should be used. These are supported by pins which insert into base holes at each end of the form and bear on the chase bars. The lifting bar spans the form and clears the printing plates. Holders are inserted over the lifting bar and give firm support to prevent the form from sagging. For forms of 60 inches and over, three lifting bars are recommended.



THE RATCHET CATCH

Designed especially for faster load, make-up, the Blatchford Ratchet Catch possesses the same simplicity of design and all of the basic features of the Blatchford Pin Catch.

While the Blatchford Catch may be secured to any angle, a spread tension spring prevents accidental turning or dropping out of body — to assure absolute

Catch position when re-plating fixed-margin forms.

Most book printers use the Ratchet Catch exclusively, others use the regular Pin Catches for heads and backs and the Ratchet Catches for locking plates. This combination makes it unnecessary to disengage head margins when changing plates.



MARKERS

PLATE 9



Construction of Shunted Plate with Marker—either $10''$ or $15''$. Body and Screws. Used to mark the wide-gauge end of sheet. To insert the marker, run the screw end of the body almost its entire length, place the body in a hole made at approximate position it is to point. The vertical action of the marker plate makes it possible then to set the marker in the exact position after which it may be locked down with screws.

Abstract

Consist of Shovel Plate with Folding Point, Body and Jaw. Operate same as Markers and are used to mark sheet as and in the hands in fishing.

Markers with Numbers or Letters

As a means of checking spelling, day or night, use of permans. Large letters give their permans numbers to letters for identification. Markers with the proper numbers are placed in the line and point on cut-out margin or other area of the sheet. They are also used for identifying the day in cutting and creating items on carbon work.

Register Markberg

This is a Marker with a Crown # 1. Two placed at opposite ends of the sheet helps the person on the telephone - knows he is in having a sheet on them in the sheet. They can also be used to indicate position of the person on the sheet.

BUMPERS

(.743" High) for folding box and carton work

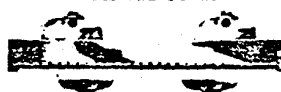


any work in the sheet. When no improvement is pulled, delivery will cause a bump in the sheet. Three bumps prevent us to get between the sheets as they pile up on the delivery belt and prevent valves and tanks. Personnel should be instructed that, where the bumpers are, the run line must be cut out close to the cylinder. Bumpers are used to separate bumpers from flow.

1.715" High) with Stanchions as follows:

Available with engagers or inserts, they will do the same job as the 3-part blades.

RULE and GUARD



Scoring, Cutting or Perforating Guide

All three types of rule are available in lengths up to 72". Perforating rule is made either 1/8 or 1/4 teeth to the inch. In using rule on floor, it is necessary to lock up against a ground on which grounds are available for any length of rule, up to 30 inches. For longer rules, use extra line only.

REGISTER CUTTING DIE

Cutting the covers with a heavy handkerchief-sized wire. Two of these wires (distance apart) are placed in the line on the back end of the form, by pressing them into the holes as far as they will go. Remove the brass wires and pull an impression, thereby cutting two holes in the sheet. The back of the sheet is then rubbed with machine oil - this will make the paper transparent. It is then placed on the base, the holes in the sheet over the cutting dies, the brass screws put back in the dies and a second draw over the sheet is pulled out. This permits the pressure to lay and express the plates without the sheet moving.

ROUND CUTTING DIES

1.5" and 6" L918" high

Complete was to hold
flow with regular black
key. In previous version
was another key or current
small in central hole
running surface.



2.5" and 1.5" (141" high)

These dogs can be trained in three by using the Marley Army and work on by taking the Marley Army with a wooden plug and making the dog down.

ROTARY PIN CATCH

For "Monocomb" Cylinders of Rotary Process
While the Rotary Pin Clutch is essentially the same
as the regular Pin Clutch in design, construction and
operation, it is made with a heavier head
and a greater bowl.



The spread spring securely holds the cable in the hole - even when subjected to under air pressure. Cables cannot pull out or expand further.

Blatchford Base

SECRET
(Please use back for additional comments
transmitted on separate)

Major	20-27-64 1. Autogram
	21-28-64 2. Sample 1 color
	21-28-64 3. 1/2 1. Autogram 2
	21-28-64 4. Sample Autogram 2
	21-28-64 5. 1 color 1/2 sample
	21-28-64 6. 1/2 1. Sample
	21-28-64 7. 1/2 1. Sample
	21-28-64 8. 1/2 1. Sample
	21-28-64 9. 1/2 1. Sample
	21-28-64 10. 1/2 1. Sample
	21-28-64 11. 1/2 1. Sample
	21-28-64 12. 1/2 1. Sample
	21-28-64 13. 1/2 1. Sample
	21-28-64 14. 1/2 1. Sample
	21-28-64 15. 1/2 1. Sample
	21-28-64 16. 1/2 1. Sample
	21-28-64 17. 1/2 1. Sample
	21-28-64 18. 1/2 1. Sample
	21-28-64 19. 1/2 1. Sample
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	21-28-64 21. 1/2 1. Sample
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	21-28-64 23. 1/2 1. Sample
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	21-28-64 100. 1/2 1. Sample
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	21-28-64 105. 1/2 1. Sample
	21-28-64 106. 1/2 1. Sample
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	21-28-64 110. 1/2 1. Sample
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	21-28-64 117. 1/2 1. Sample
	21-28-64 118. 1/2 1. Sample
	21-28-64 119. 1/2 1. Sample
	21-28-64 120. 1/2 1. Sample
	21-28-64 121. 1/2 1. Sample
	21-28-64 122. 1/2 1. Sample
	21-28-64 123. 1/2 1

Prices of Blitchford Bore Accessories

1. The first step in the process is to identify the problem. This involves gathering information about the situation and the people involved.

2. Once the problem is identified, the next step is to analyze it. This involves breaking the problem down into its components and understanding the underlying causes.

3. After analyzing the problem, the next step is to develop a plan. This involves determining the steps that need to be taken to solve the problem.

4. The final step is to implement the plan. This involves putting the plan into action and monitoring the results.

5. Once the problem has been solved, it is important to evaluate the process. This involves reflecting on what was learned and how the process can be improved for the future.

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All these types of rule are available in lengths up to 72". Performing rule is made easier if it is 12 teeth to the inch. In using rule on face, it is necessary to lock up against a Gage or datum. Gage can be used to set any length of rule, up to 36 in. here. In longer rules, use extra Gage.

REGISTER CUTTING DIE

Cutting The covers with a heavy hand-held saw. Two of these same distance spacers are placed in the base on the back end of the form, by pressing them into the holes in *Lat* as they go. Remove the heavy screens and pull an impervious plastic sheet over the covers, thereby cutting two holes in the sheet. The back of the sheet is then rubbed with machine oil which will make the paper waterproof. It is then placed on the base, the holes in the sheet over the cutting dies. The heavy screens put back in the dies and sawed down the sheet on a heated bed. This permits the pressure to be applied against the plates without the sheet coming loose.



1" and 1/2" L718" height
 Complete unit is locked in
 place with special Masterlock
 key. To prevent tampering, insert
 another key to prevent in-
 serting horizontal tool below
 cutting surface.




1" and 1/2" L168" height
 These dies can be locked in place by using the
 Masterlock body and screw on by tilting the lower body
 with a wrench and making the die down.

ROTARY PIN CATCH

For "Heavyweight" Cylinders of Rotary Process
While the Rotary Pin Catch is eventually the same as the regular Pin Catch in design, construction and operation, it is made with a heavier head and a greater bowl.

The special spring assembly holds the Catch in the hole - even when unlatched and under no pressure. Catchers cannot drop out as cylinder revolves.



Blatchford Base Dimension Table

FBI HQ Offices are listed by criminal groups according to category		Is Your Strategy?	Is It AKA (Other Groups)?	
			Criminal Strategy	Is It AKA (Other Groups)?
1960s	1. 21st St. Assassins		1960s	1960s
	2. 21st St. Assassins		1960s	1960s
	3. 21st St. Assassins		1960s	1960s
	4. 21st St. Assassins		1960s	1960s
	5. 21st St. Assassins		1960s	1960s
	6. 21st St. Assassins		1960s	1960s
	7. 21st St. Assassins		1960s	1960s
	8. 21st St. Assassins		1960s	1960s
	9. 21st St. Assassins		1960s	1960s
	10. 21st St. Assassins		1960s	1960s
	11. 21st St. Assassins		1960s	1960s
	12. 21st St. Assassins		1960s	1960s
	13. 21st St. Assassins		1960s	1960s
	14. 21st St. Assassins		1960s	1960s
	15. 21st St. Assassins		1960s	1960s
	16. 21st St. Assassins		1960s	1960s
	17. 21st St. Assassins		1960s	1960s
	18. 21st St. Assassins		1960s	1960s
	19. 21st St. Assassins		1960s	1960s
	20. 21st St. Assassins		1960s	1960s
	21. 21st St. Assassins		1960s	1960s
	22. 21st St. Assassins		1960s	1960s
	23. 21st St. Assassins		1960s	1960s
	24. 21st St. Assassins		1960s	1960s
	25. 21st St. Assassins		1960s	1960s
	26. 21st St. Assassins		1960s	1960s
	27. 21st St. Assassins		1960s	1960s
	28. 21st St. Assassins		1960s	1960s
	29. 21st St. Assassins		1960s	1960s
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	35. 21st St. Assassins		1960s	1960s
	36. 21st St. Assassins		1960s	1960s
	37. 21st St. Assassins		1960s	1960s
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	45. 21st St. Assassins		1960s	1960s
	46. 21st St. Assassins		1960s	1960s
	47. 21st St. Assassins		1960s	1960s
	48. 21st St. Assassins		1960s	1960s
	49. 21st St. Assassins		1960s	1960s
	50. 21st St. Assassins		1960s	1960s
	51. 21st St. Assassins		1960s	1960s
	52. 21st St. Assassins		1960s	1960s
	53. 21st St. Assassins		1960s	1960s
	54. 21st St. Assassins		1960s	1960s
	55. 21st St. Assassins		1960s	1960s
	56. 21st St. Assassins		1960s	1960s
	57. 21st St. Assassins		1960s	1960s
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	61. 21st St. Assassins		1960s	1960s
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	63. 21st St. Assassins		1960s	1960s
	64. 21st St. Assassins		1960s	1960s
	65. 21st St. Assassins		1960s	1960s
	66. 21st St. Assassins		1960s	1960s
	67. 21st St. Assassins		1960s	1960s
	68. 21st St. Assassins		1960s	1960s
	69. 21st St. Assassins		1960s	1960s
	70. 21st St. Assassins		1960s	1960s
	71. 21st St. Assassins		1960s	1960s

* (Show that nothing is a 1. Two only have defied. 2. Two only have and one long has defied. 3. All have defied. 4. Two only have and one long has defied, neither has defied. 5. Two only have defied and one long has defied. 6. One long has defied.

Prices of Blitchford Base Accessories (Subject to change without notice)

[illegible]