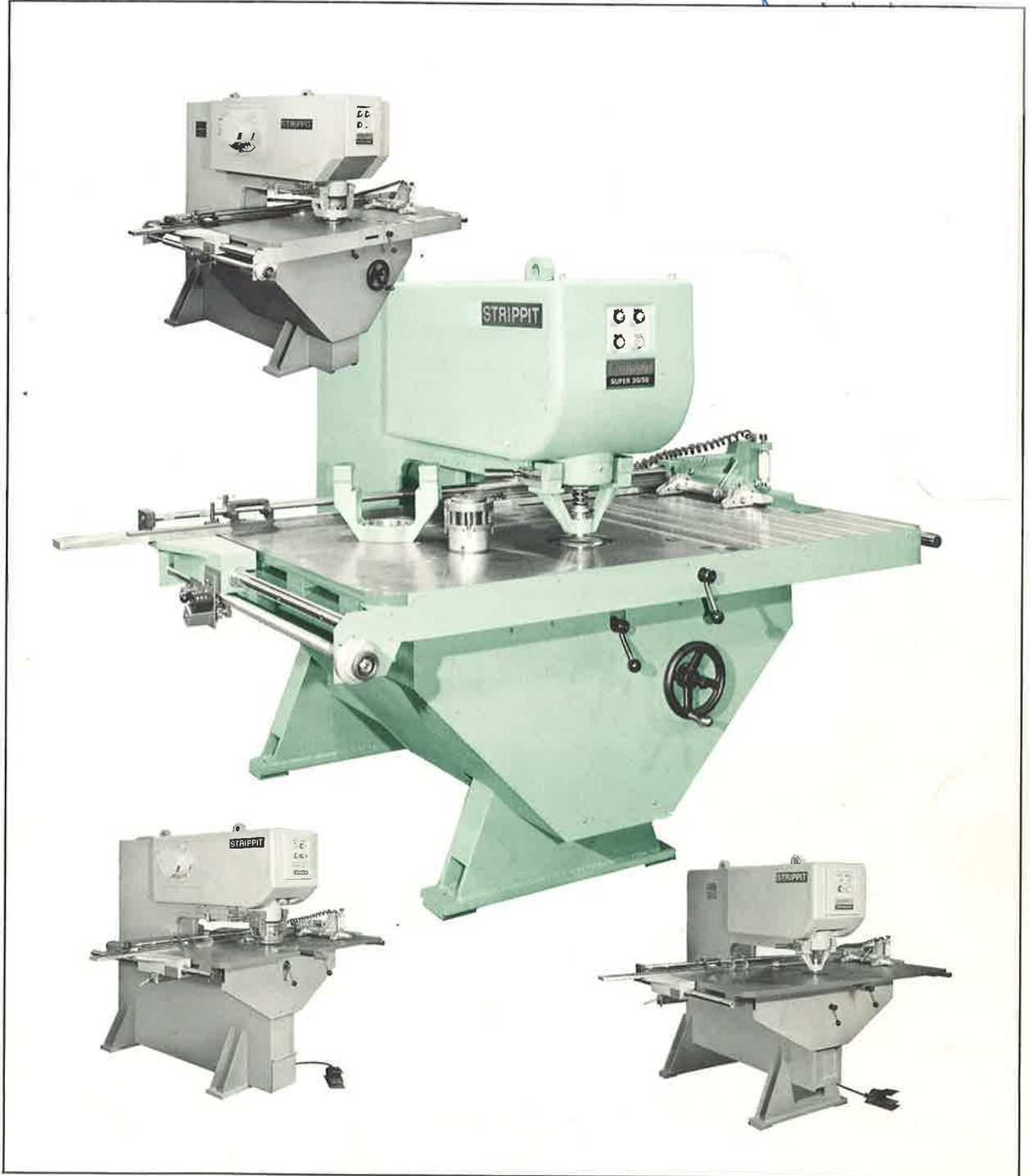
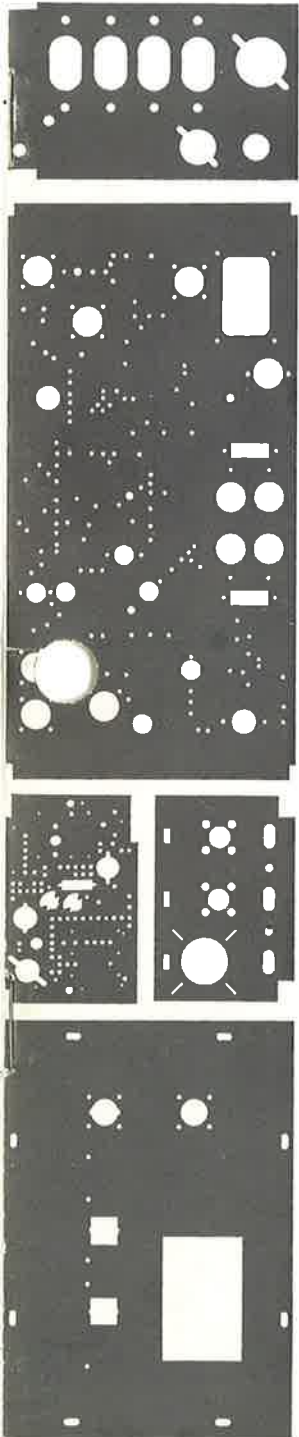


Strippit Fabricator[®] hole-punching machines



**four workhorse models
punch-notch-nibble**

A machine for every need, prototype to medium run.

Strippit manual Fabricators are engineered to produce with top efficiency within a particular hole-punching range: the prototype to medium-run jobs. They offer unsurpassed speed of tooling changeover to minimize downtime, and fastest floor-to-floor production time. They punch, notch, or nibble distortion-free holes of highest quality, for as close to zero-reject as you can get.

But speed and precision are not all they offer. Strippit Fabricators provide extreme versatility, with easy handling of parts modifications. They are reliable day-after-day performers.

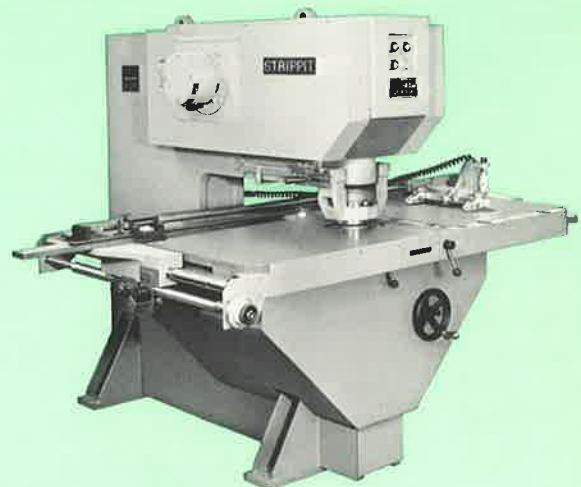
And with optional pantograph-type duplicating, they can efficiently produce long runs, too.

Best of all, they are economical in original cost and economical in tooling costs, for they use the Strippit interchangeable tooling that lets you keep inventories to a minimum.

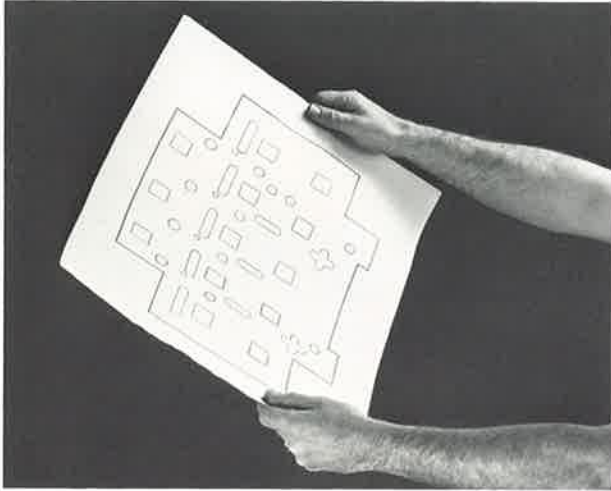
Shown opposite is one of the benefits that make every Strippit Fabricator a profit producer. Other features follow on succeeding pages, and on page 11 is a selection chart that lets you quickly see which of these four fine machines is the right one for your needs.



Strippit Fabricator® Super 30®/30 Hole Punching Machine

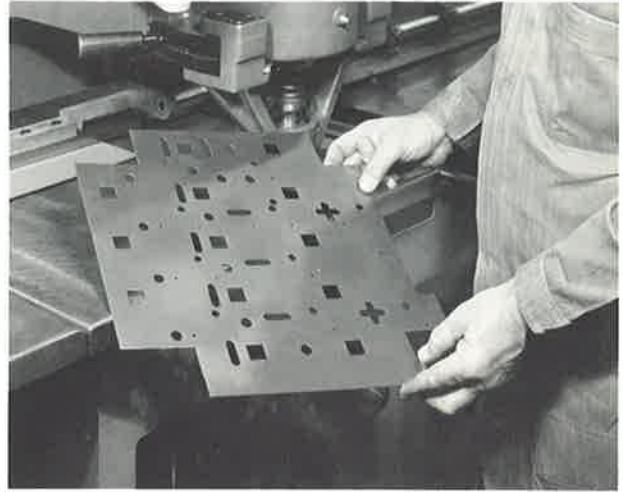


Strippit Fabricator® Super 30®/40 Hole Punching Machine



Prototypes in minutes

Because of Strippit's versatility and Quick-Change tooling you can turn out a prototype in minutes. The control-box panel shown here is a typical part with holes, cutouts, and knock-outs in various sizes and shapes. Working from a drawing or X-Y coordinates, the operator simply swings open the punch holder and drops



in fully guided, self-stripping punches and dies as required, making each change in under ten seconds. There is no limiting number of tool stations, no complicated operating sequence. A duplicator template can be used to allow production of subsequent identical parts in stop-watch time.



Strippit Fabricator® Custom 30™/30 Hole Punching Machine



Strippit Fabricator® Custom 30™/40 Hole Punching Machine

The Super Fabricators

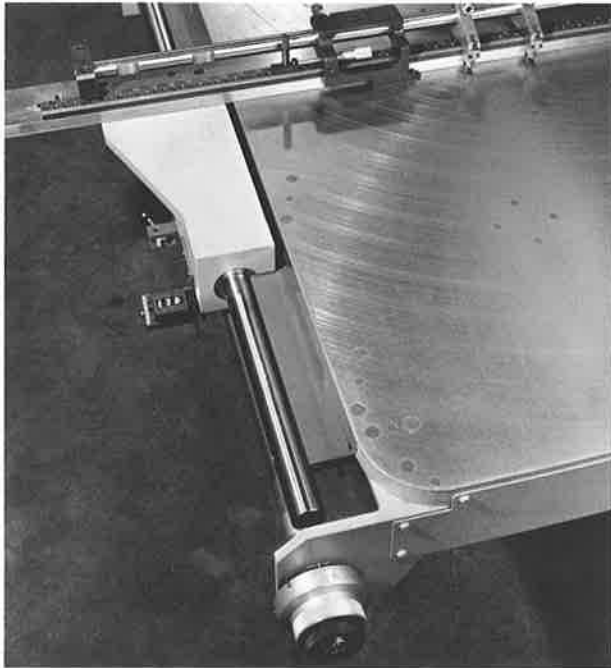
Strippit Fabricator® Super 30[®]/30 Hole Punching Machine



Strippit Fabricator® Super 30[®]/40 Hole Punching Machine



The Super 30/30 Strippit Fabricator, our best-selling machine, features a height-adjustable worktable and precision micrometric gaging. It can punch holes up to 3-1/2" in diameter. The Super 30/40 provides virtually the same features as the Super 30/30, plus the capability of punching holes to 5" in diameter.



Precision micrometric gaging positions work fast, accurately

Extremely accurate micrometric gaging permits fast positioning of the workpiece for precise hole location. The integrated gaging assembly moves forward and back on hardened ground bars. It is positioned by a precision-ground lead screw, which for easy positioning and minimum wear is disengaged for all but the final setting. A digital indicator determines the coarse settings to 0.100 inches for the hole-to-hole dimensions. The lead screw is engaged and final settings to 0.001 inches are made with a vernier dial. The vernier engagement knob and a cam lock hold the back gaging securely in any position.

The side gaging consists of a traverse bar, finger stops, a specially mounted micrometer, and a Microbar™ precision-bored gage. To set the finger stops, a microgage pin is placed in the hole corresponding to the nearest inch setting. With its spindle bearing against the pin, the micrometer is set exactly to the nearest 0.001 inch. Each finger stop is positioned by sliding it along the traverse bar until it contacts the machined side of the micrometer holder. A knurled set screw positively locks each finger stop in position. Presetting of the stop allows progressive work feeding for continuous lateral punching.

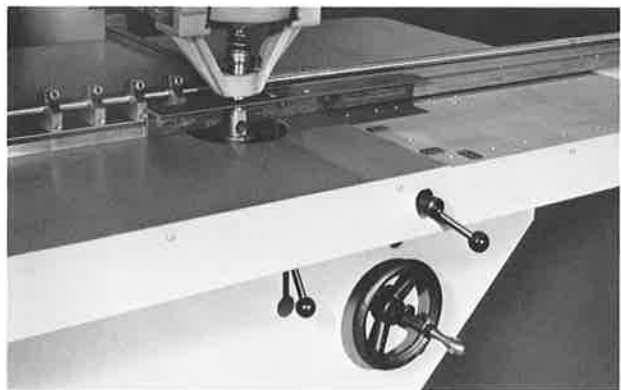
Quick-change tooling allows changes in seconds

Swing out the holder, change die and punch, return the holder to position and lock it in — and in seconds you're punching parts again. Interchangeable holders are of 1-1/4", 2", and 3-1/2" size, for holes from .093" to 3.500". A 2" universal notch holder is also available. Strippit tooling, an important plus for Fabricator users, is described in greater detail on page 9.



Quick-eject tooling punches holes to 5" diameter

Shown above is the 5" holder for Strippit Quick-Eject tooling, for holes up to 5.000". It slides out on a track for fast tool changing. The holder is available for the Super 30/40 Fabricator, which also accepts the smaller holders for a full punching range from .093" to 5.000".



Worktable height adjusts to die height

The one-piece worktable of the Super Fabricators can be adjusted vertically by means of a high-speed screw mechanism, hand-cranked for precise positioning. Thus it is always at die height to produce distortion-free parts, whether by duplicator or gaging, and compensation can be made for die grinding.

Pedestal dies permit punching of angles, shapes, and preformed parts

On the Super 30/30, lowering of the worktable allows use of a standard Strippit CJ die base and die buttons, or a pedestal die, together with an angle gaging stop, to punch angles, extruded or fabricated shapes and preformed parts. For preformed parts, dimensional variations caused by bending are eliminated, thus providing improved accuracy.

The Custom Fabricators

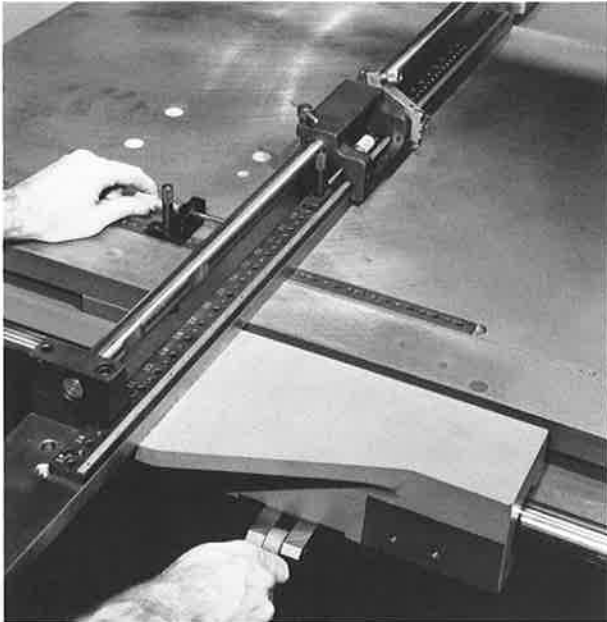
Strippit Fabricator® Custom 30™/30 Hole Punching Machine



Strippit Fabricator® Custom 30™/40 Hole Punching Machine

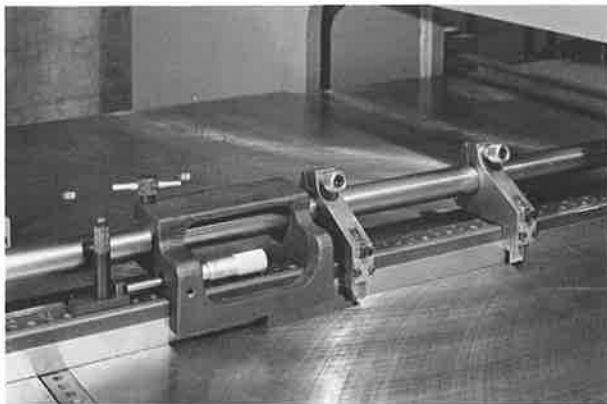


In applications not requiring a height-adjustable worktable, the Strippit Custom Fabricators offer economy as well as the efficiency, versatility, and capacity of the Super Fabricators. In addition to the fixed-height table they employ a modified gaging method, but all other features are common to both types.



Microgaging speeds accurate positioning for round and shaped holes

The microgaging system standard on the Custom Fabricators allows rapid, convenient settings to 0.001 inches without need for special gages or jo-blocks. Precision barrel micrometers position the workpiece both back and side. Quick-reading scales on back and side gages are at table-top level for fast adjustment to normal sheet-metal tolerances.

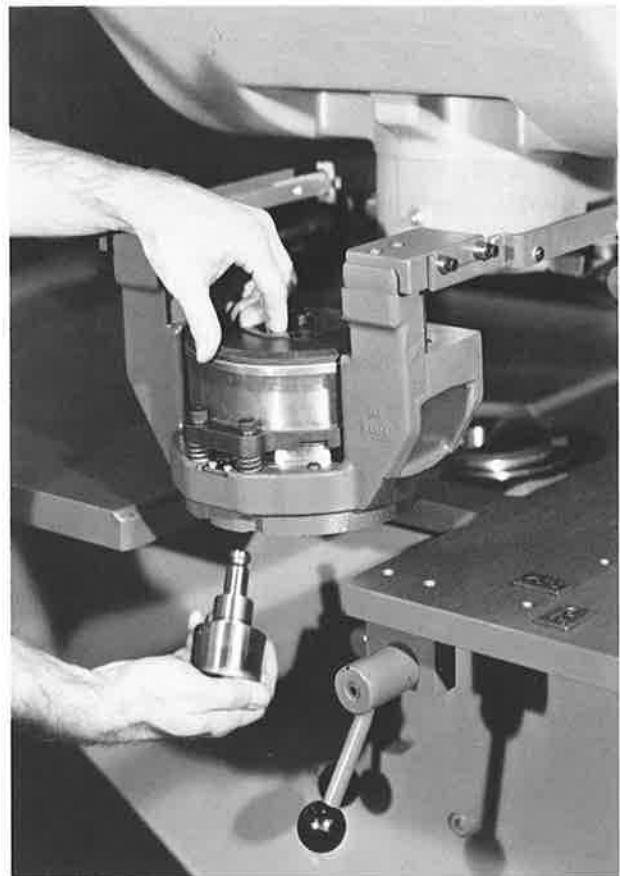


For back-gage settings, a stop is positioned to the nearest inch on a precision Microbar™ gage recessed in the table. Settings to thousandths are made directly on a micrometer, and the back gage is locked squarely in position with a locking clamp. Similarly, side gage settings are made to the nearest inch with work stops on the

Microbar™ gage, and another micrometer is used for final settings to thousandths. Multiple work stops can be set in any order at any point on the microgage, as close as 3/4" centers with regular finger inserts, or closer with close-edge finger inserts.

Optional Duplicator adds production capability to any Fabricator

The Strippit Duplicator (illustrated with other options on page 10) can be used with any Super or Custom Fabricator for accurate, economical reproduction of any hole pattern. Its operation is simple, requiring only the depressing of its stylus into template pilot holes to automatically position the workpiece and trip the machine. Features include cast-aluminum carriage assembly; hardened ground bars for effortless positioning; fast and positive clamp and template locks.



Interchangeable self-stripping tooling insures quality holes

Strippit Quick-Change and Quick-Eject tooling is self-aligning for ease and speed in changing, fully guided for maximum hole quality, self-stripping for minimum part distortion. Tooling for the Custom Fabricators is identical to that for the Super Fabricators, and includes the 5" holder shown, which is available for use with the Custom 30/40 for holes up to 5" in diameter.

Features

Electro-Hydraulic Head

operates over a column of oil to provide quick jam relief and safety against damage. It eliminates breakable keys and dogs, metal-to-metal contact, and the need for pressurized air — another reason why Strippit Fabricators are easy on maintenance, economical in operation. Switches on the eye-level control panel permit instant changeover from punching to nibbling, from foot-trip to stylus operation.

Indexed Holder

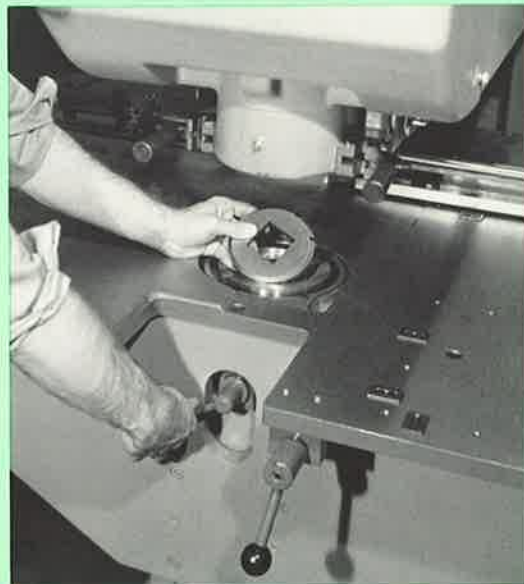
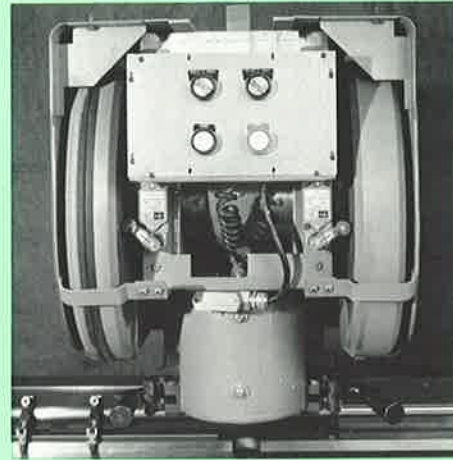
multiplies the usefulness of shaped tools and dies. By means of a guide bushing in the punch holder and a rotating ring inside the die block, punches and dies can be positioned at any angle to the workpiece edge. An exact 90° change merely requires a quarter turn from one of two keyways to the other. For any intermediate setting, indexing tools for punch and die quickly locate the desired position, and screws provide positive lock-in.

Die Elevator

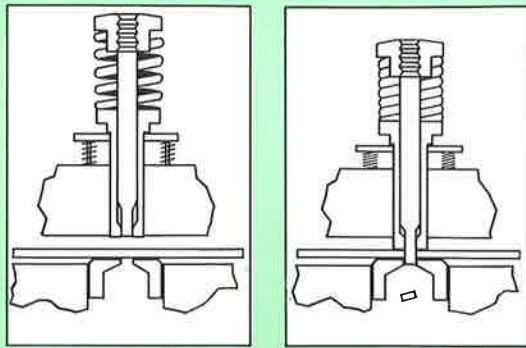
enables the operator to change dies over 1-1/4" in diameter in the shortest possible time. A front handle lifts the die button for convenient removal and replacement, lowers it into place without cocking or binding. A counterweight automatically lowers the elevator when the handle is released, eliminating any danger of jamming.

Back Gage Lock

is used for duplicator operation, as well as during back gaging. Conveniently located in the front center of the worktable (see photo on page 5), it swings to either right or left to rotate a cam within the clamp body assembly, forcing the actuating rod and clamp pad upward. This locks the clamping rail against the face of the adjustment screw for accuracy and positive hold.



Tooling



The Strippit Quick-Change tooling system saves production time, allows complete operational flexibility, and minimizes tooling inventory.

To preserve workpiece quality, all Strippit tooling is fully guided and self-stripping. Holes are cut mirror-smooth, workpieces of even the thinnest-gauge materials remain undistorted, undimpled. Costly secondary operations to bring a piece to inspection grade are rarely needed.

Punches and dies can be changed in ten seconds or less — just swing open the holder, lift out punch and die, and drop in the replacements. A one-piece die base and precision-machined holder assure automatic alignment of the punch assembly with the die. Electrical interlocks prevent accidental machine actuation while changes are being made.

There are no limiting number of tool stations and no complicated procedure to follow, and the operator can always use a die with clearance compatible with the gage of the workpiece.

Punch holders for the 30/30 models are available in three sizes: 1-1/4" for holes to 1.250" diameter, 2" for holes to 2.000" diameter, and 3-1/2" for holes to 3.500" diameter. All can be used in all Strippit machines, with consequent inventory economy.

For the 30/40 models a 5" holder is also available, for holes to 5.000" diameter. This holder uses Strippit Quick-Eject tooling, and offers equally fast tool changing.

In addition, all machines accept Strippit universal notch tooling, a 2" x 2" notch punch body with mating die. This tool makes possible an unlimited variety of edge, corner, and vee notches.

Over 1,000 combinations of tooling shapes and sizes are available as you need them, right from stock. For the relatively few requirements that can't be met with standard tooling, special configurations can be produced to order.

Options

To increase the versatility of the Strippit Fabricators, several optional units are available. In addition, all four models can be ordered with the 60" table shown on opposite page, which allows duplicator production on sheets to 60" in length. Other options follow, top to bottom:

Strippit Duplicator

converts any Fabricator to a production-run machine, accurately and economically reproducing any hole pattern, no matter how complex. The duplicator is a pantograph-type unit that requires no special operator skill. In combination with a template it locates the holes and by remote control reproduces the pattern in the workpiece, with authenticated time savings of up to 80% over conventional methods.

Strippit Dupl-O-Scope®

translates blueprints, drawings, negatives, or sample parts into accurate templates or one-of-a-kind production pieces. It is a high-quality optical instrument with cross-hair viewing screen for positive centering of both round and shaped holes. Centering to extreme accuracy can be done quickly, with time studies showing templates completed in less than 30 seconds per hole.

Notching Adapter Plate

is placed in the die base to provide notching capability. Holes in the plate match pins on the self-contained, self-stripping notching units, positioning them accurately under the ram. There are standard notching units to meet most production requirements, with special shapes available to order.

Tool Dispenser

sequentially orients punches and dies for error-free operator selection.

Rollaway Tool Rack

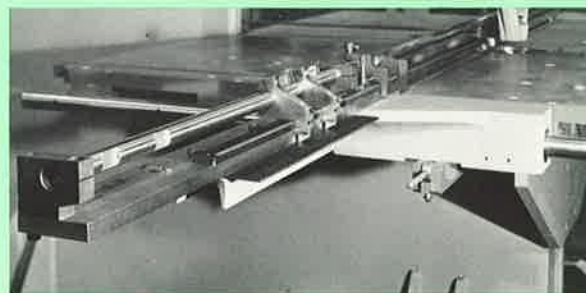
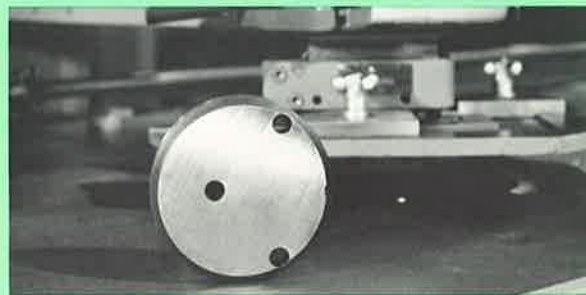
stores punch assemblies and dies in drawers front and back, supplementing the large tool-storage areas in the Fabricator itself.

Portable Punch and Die Grinder

allows the Fabricator operator to maintain sharp tooling without the need for costly surface grinders and skilled grinder operators.

Extension Gaging

for large parts handles scale dimensions up to 120", decimal dimensions to 60".





Optional 60" worktable

Specifications and dimensions

MODEL	HOLE CAPACITY, WITH SHEAR (IN.)	HOLE RANGE (IN.)		POWER STROKES PER MIN. ($\frac{1}{8}$ " STROKE)	DRIVE MOTOR 1200 RPM (HP)	ADJUSTABLE TABLE ($2\frac{1}{4}$ " MAX.)	SETTING METHODS			
		$\frac{1}{4}$ " MS	10 GA. MS				BACK GAGE		SIDE GAGE	
							MICRO	SCALE	MICROBAR & SCALE	
SUPER	30/30	1.000	3.500	.031-3.500	165	1	Yes	Lead Screw	No	Yes
	30/40	2.000	5.000	.031-5.000	185	1½	Yes	Lead Screw	No	Yes
CUSTOM	30/30	1.000	3.500	.031-3.500	165	1	No	Microbar	Yes	Yes
	30/40	2.000	5.000	.031-5.000	185	1½	No	Microbar	Yes	Yes

ALL MODELS

SHEET SIZES:

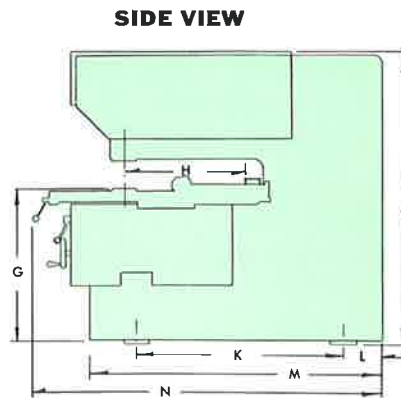
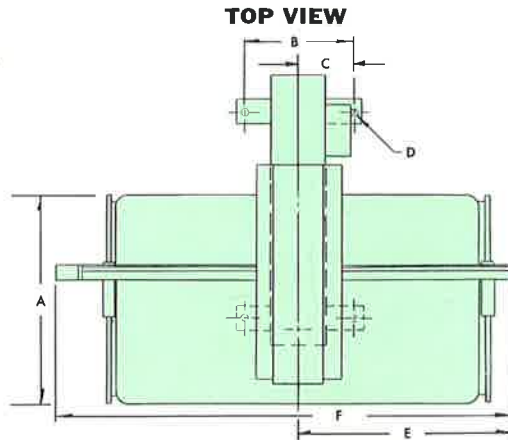
- Standard Scale Gaging - 30"*x 38"
- Standard Microgaging - 30"*x 31"
- Maximum Duplicator Pattern - 30"*x 30"
- *Actual sheet size can be 60", as back gaging permits flopping of workpiece.

TOLERANCE: $\pm .005$ "

SHUT HEIGHT: 5-13/32"

OPTIONS AVAILABLE:

- Duplicator
- Semi-Automatic Lubrication
- Extension Gaging to 120"



MODEL		DIMENSIONS (IN.)												SHIPPING WEIGHT (LBS.)	
		A	B	C	D DIA.	E	F	G	H	J	K	L	M		N
SUPER	30/30	48	27	13½	1¼	48½	98½	39	30	67¼	51¼	2¼	65	77	6500
	30/40	48	27	13½	1¼	48½	98½	39	30	71¼	51¼	7¼	70	82	6800
CUSTOM	30/30	48	27	13½	1¼	48½	98½	39	30	67¼	51¼	2¼	65	77	6500
	30/40	48	27	13½	1¼	48½	98½	39	30	71¼	51¼	7¼	70	82	6800

There is a Strippit division office and warehouse near you.

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6440 East Corvette Street
213-685-8250

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3438 Dalworth Street
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Pittsburgh, Pa.
412-261-4953
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For he is as near as your telephone, and a call will bring him to you promptly.

Your Strippit Man is an experienced, factory-trained engineer, ably qualified to help analyze your metalworking operation and its problems, and to recommend the equipment that will serve you most profitably. If you wish, he will also assist you in setting up the purchase or lease plan that best fits your situation.

In most areas of the country he can arrange for a Strippit Demo-Van to visit your plant for an on-the-spot demonstration of Strippit Fabricators actually at work.

And he stands ready to become your metalworking consultant, whose services you are free to call upon at any time.

His phone number is opposite, at the sales office nearest you.



STRIPPIT HOUDAILLE

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