

Hand-fed Platen Press

Made in Switzerland

Gietz

Hand-fed Platen Press

Model 60

The chair or base is cast in one solid unit of best quality cast iron, specially ribbed to give long life to the machine. The type bed, platen slides and bearing bosses are strengthened to take the full strain of heavy work.

The platen is cast in one piece accurately bored to take a steel shaft, working in conjunction with the back geared driving axle and these are connected by two forged steel arms ensuring parallel impression at all times.

The drive is effected by a squirrel-cage motor fitted to a swivelling motor bracket built into ground frame and the speed can be regulated by means of a hand wheel. The drive shaft is supported on ball bearings in the ground frame. Part of the drive shaft is shaped as a drive pinion, for the crank wheel. The drive support bushing, which is fitted on the side and provided with ball bearings, increase the efficiency of the drive.

The roller carriage is operated by the camless roller motion working in conjunction with the main driving shaft and back axle. Even at high speed this action ensures the smooth up-and-down working, the check being conveniently situated for easy operation.

The ink duct is adjustable over the whole length or can be adjusted more finely by means of micrometer screws.

The inking colour is transferred from the duct to a steel rider, then by an additional composition roller to both steel reciprocating roller ink drums, the latter having lateral movement in an anti-clockwise direction to ensure that the maximum amount of ink is transferred to the forme rollers, even with ingredients of the stickiest nature.

The forme rollers are of large diameter, the runner bearings being wide to prevent possible slipping on the bearers. The bearers can be adjusted when the machine is in motion and they are serrated to give additional precaution against slipping of forme rollers. The inker cups are fitted with a special device for tripping rollers so that on the downward motion two rollers are inking the forme, and on the return three, thus eliminating possible repeats. All inking rollers clear the bottom of the chase.

The roller lift is operated by a single lever, all rollers lifting clear of each other. By a special device rollers are put in normal running position automatically when the machine is re-started.

The impression check is situated in front of the platen working on eccentric bearings. The adjustment of impression is not geared and can be graduated to the finest degree.

The grippers are of depressible type guided by a cam motion to ensure smooth running at high speed.

The automatic hand guard offers best protection against accidents. A slight touch of the guard immediately disengages the friction clutch and stops the machine. With the hand guard out of action the machine only works in jerks, which is an advantage when making ready.

Only first class materials are used in manufacture, thereby guaranteeing long life. The parts are manufactured to permissible limits, in series and are inter-changeable. The machine as a whole combines quality and good appearance.

Inside dimensions of steel chase	Platen size	Maximum size of paper without area of side lays	Output per hour	Flywheel revolutions per impression	Flywheel diameter and width	Floor Space required, motor included	Net weight of Press	Power required
12" x 18"	13 ³ / ₄ " x 19"	13" x 18 ³ / ₄ "	600 to 1800	8	28 ¹ / ₂ " x 2"	43 ³ / ₄ " x 61 ¹ / ₄ "	3160 lbs.	1,2 HP

Equipment (included in price): 1 steel rider - 2 sets of roller stocks including inkers and distributors - 2 chases - 1 narrow and 2 large grippers - 1 set of round grippers - 2 lead blocks for ink duct - 2 tables - 1 tool drawer - 1 tool board with tools - 1 screwdriver - 1 oil can.

The following outstanding qualities help you in choosing a Gietz PRESTO Platen Press:

Joh. Gietz & Co., founded in the year 1894, have been building Gietz Platen Presses since 1918 with great success and most of these platens are still running today in numerous printing plants.

The extraordinary impressional strength ensures faultless printing even with the heaviest printing forms.

The well designed inking arrangement with its three large rollers and ink-table below the forme bed guarantees highest quality inking. The bed bearers prevent sliding of the rollers on the ink-table when the rollers are going upwards again.

The quiet working of the machine is a pleasure for the operator.

The arrangement of the side lay gauges and front gauges allows easy makeready.

The variable speed drive enables the machine to be run according to requirements from 600 to 1800 impressions per hour. The motor drives the platen efficiently even at low speeds.

The new friction clutch starts and stops the machine quietly and smoothly.

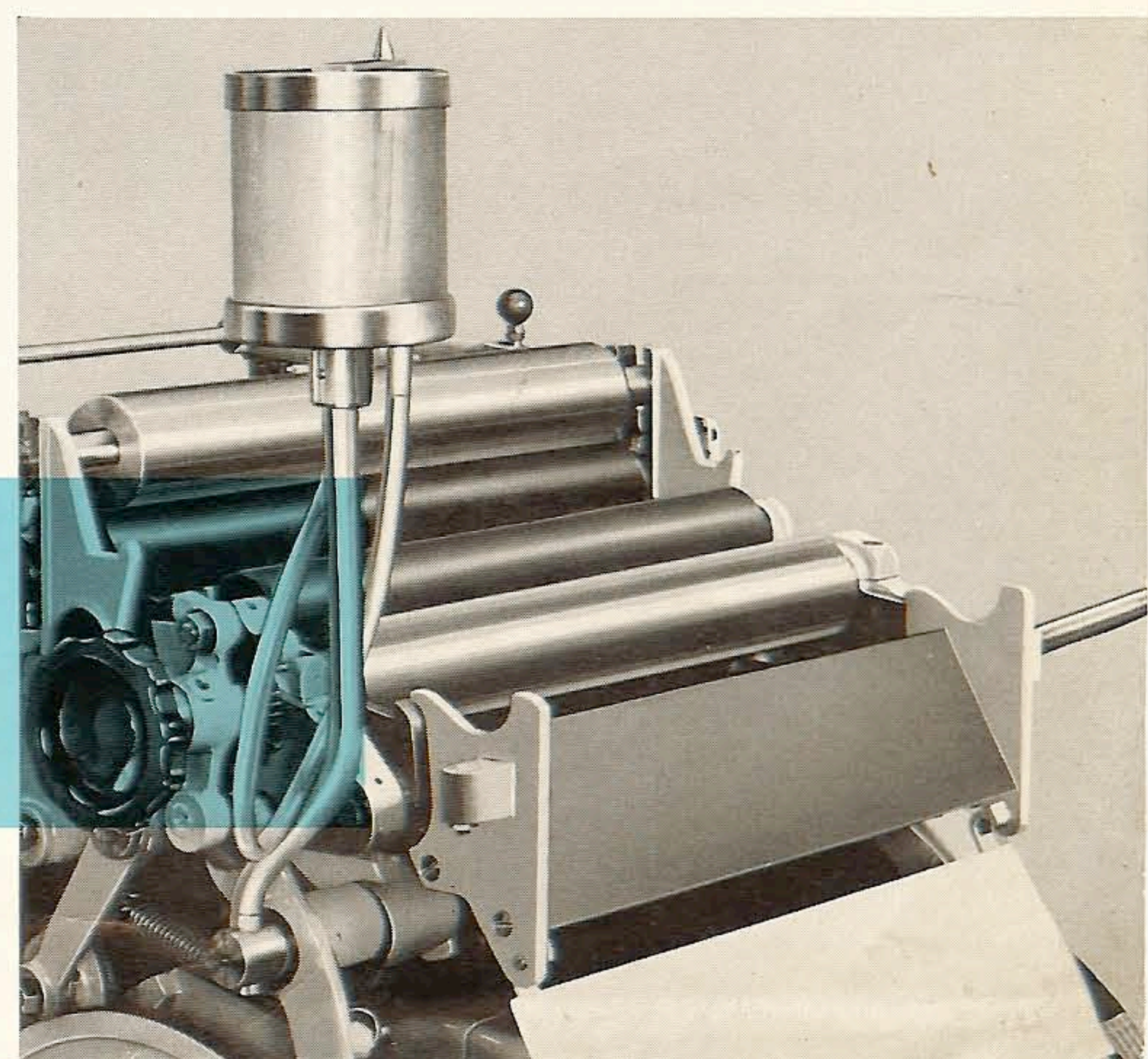
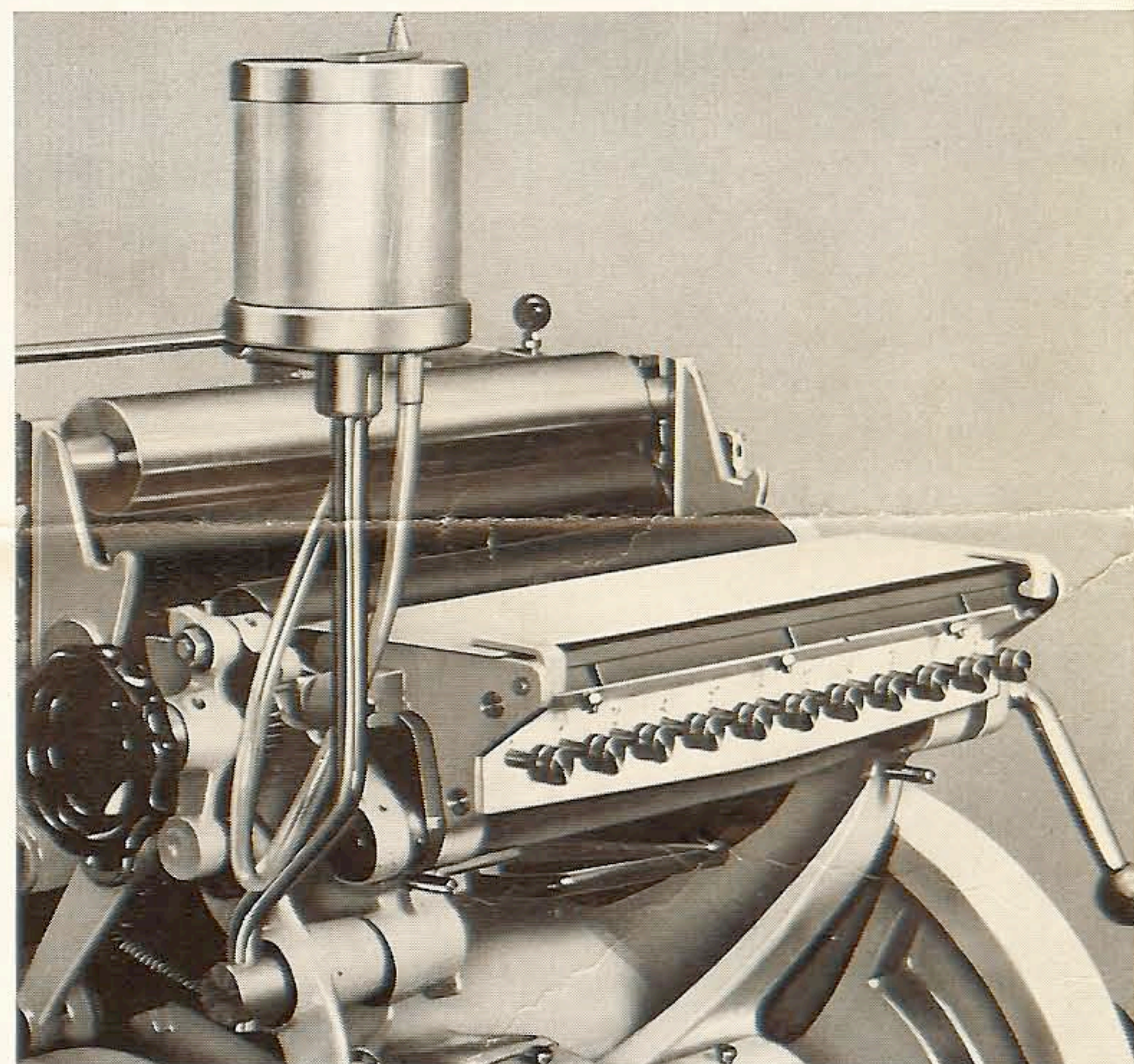
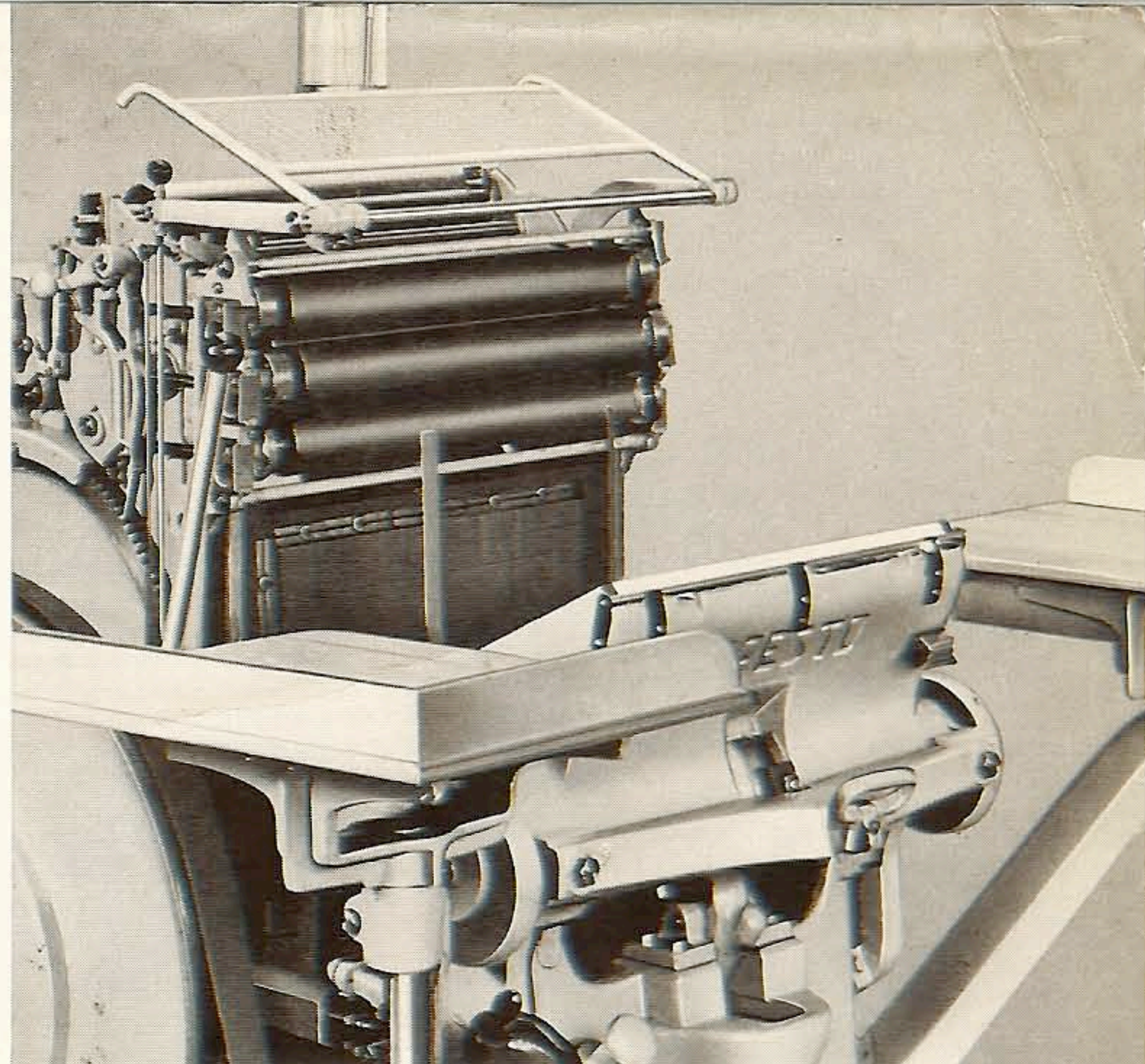
The automatic hand guard stops the machine instantly if the operator does not remove his hand from the platen in time. A locking device prevents the machine from running with the hand guard off.

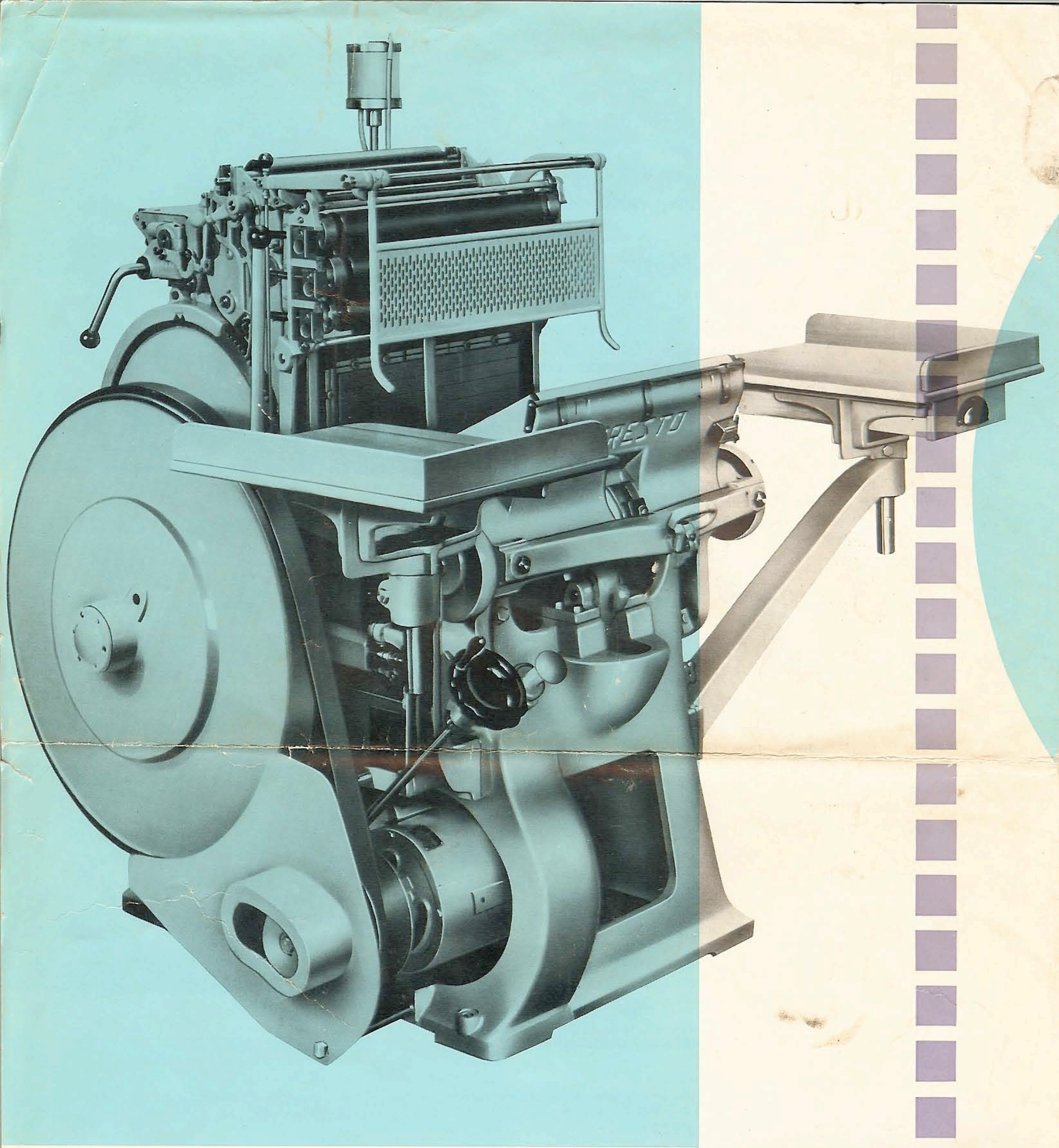
The tilting ink duct allows quick cleaning.

The roller wash-up device is particularly useful when changing colours.

The roller lifting device enables all the rollers to be lifted together by means of a single handle.

The machine gives exact register on colour work.





John Gietz & Co. Machine Works

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