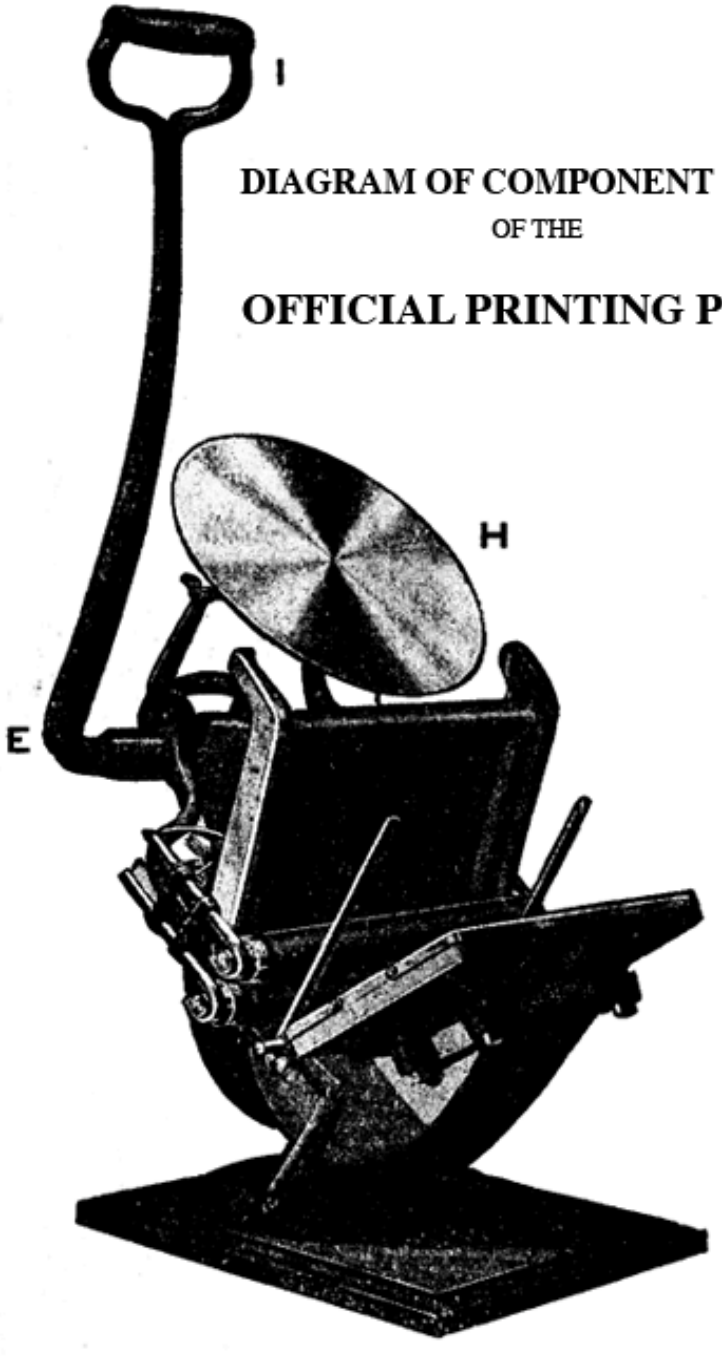
DIAGRAM OF COMPONENT PARTS
OF THE
OFFICIAL PRINTING PRESS

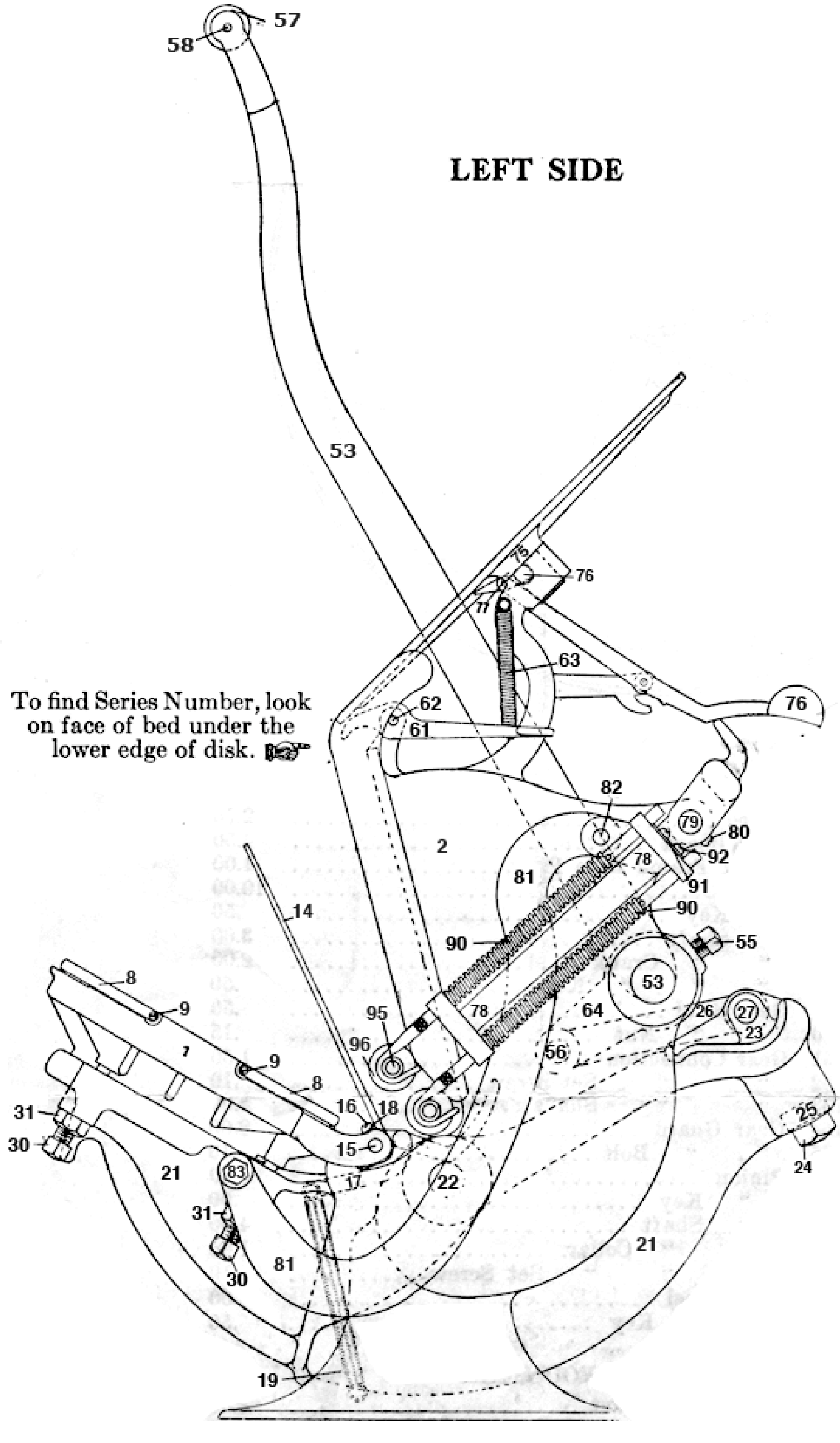


This PDF is edited from a 10" by 17" broadside from the Golding Mfg. Co., Franklin, Mass, dated June 1921. The numbers of the press parts were replaced so they are more legible, and the broadside has been made into four pages.

(Courtesy Briar Press, briarpress.org)

LEFT SIDE

To find Series Number, look on face of bed under the lower edge of disk.



Remember the **right side** of the press is the **left-hand** side of the operator, if he stands facing the press. If the **left-hand** side is ordered it will be understood as the right side of the machine itself as it faces the operator.

ADD 50%

		Nos. 1 and 2 3x4½ and 4x6	No. 3 5x7½	No. 4 6x9	No. 9 6x9	No. 6 8¼x12½	No. 12 8¼x12½
2	Frame.....Each	$9.50	$12.25	$15.00	$16.50	$28.00	$34.00
3	Base.....	.....	.....	.....	7.50	.....	9.50
4	" Bolt.....	.....	.....	.....	.15	.....	.15
5	Balance Spring.....	.....	.....	.....	.75	.....	.80
7	Platen.....	3.90	4.50	5.75	6.00	9.25	9.50
8	" Tympan Clamp.....	.50	.50	.50	.50	.60	.60
9	" " " Screw	.06	.06	.06	.06	.06	.06
10	" Draw Bolt, Washer...	.....	.....	.....	.....	.15	.15
11	" " " Spring...	.....	.....	.....	.....	.15	.15
14	Gripper, Right or Left*.....	.40	.40	.45	.45	.55	.55
15	" Rod.....	.35	.35	.45	.45	.55	.55
16	" Screw.....	.06	.06	.06	.06	.06	.06
17	" Arm.....	.45	.50	.50	.50	.55	.55
18	" " Screw.....	.06	.06	.06	.06	.06	.06
19	" " Spring.....	.15	.15	.15	.15	.15	.15
21	Rocker.....	6.00	7.50	12.00	14.00	18.50	18.50
22	" Shaft (steel).....	.70	.70	.80	.80	.95	.95
23	" Cap.....	.55	.60	.60	.60	.85	.85
24	" " Bolt.....	.15	.15	.15	.15	.15	.15
25	" " " Washer.....	.15	.15	.15	.15	.15	.15
26	" Connection.....	.60	.60	.65	.65	.80	.80
27	" " Pin.....	.10	.10	.10	.10	.15	.15
30	Impression Screw.....	.20	.20	.20	.20	.25	.25
31	" " Nut.....	.....	.....	.10	.10	.10	.10
34	Wrench.....	.25	.25	.40	.40	.75	.75
53	Hand Lever and Shaft.....	2.25	2.35	2.50	3.00	3.75	3.75
54	" " Connection.....	.85	1.00	1.40	1.40	1.75	1.75
55	" " " Set Screws	.10	.10	.10	.10	.10	.10
61	Chase Clamp and Pin.....	.....	.....	.....	.95	.95	.95
62	" " Screw.....	.....	.....	.....	.25	.....	.....
63	" " Spring.....	.....	.....	.....	.....	.35	.35
75	Ink Disk.....	4.50	4 50	4.75	4.75	5.50	5.50
76	" " Arm.....	.....	.....	.....	.....	.75	.75
77	" " Pawl and Pin.....	.20	.25	.25	.25	.35	.35
78	" Frame.....	2.75	3.00	3.75	3.75	4.50	4.50
81	" " Connection.....	.70	.70	.85	.85	.95	.95
82	" " " Pin..	.06	.06	.10	.10	.15	.15
83	" " " Stud..	.35	.35	.35	.35	.35	.35
86	Roller Hooks, right, upper or lower	.55	.55	.65	.65	.85	.85
88	" " left, upper or lower	.55	.55	.65	.65	.85	.85
90	" " Spring.....	.35	.35	.40	.40	.50	.50
91	" " Guide.....	.....	.....	.....	.....	.35	.35
92	" " " Screw...	.....	.....	.....	.....	.06	.06
95	Form Roller Core... Net		.55	.60	.70	.70	.85
96	" " Wheel.. Net		.75	.75	.80	.80	.90
99	Chase. Cast Iron.. Net	1.80	2.70	3.00	3.20	3.20	4.00
100	Baseboard.....	.65	.65	.75	.75	.85	.85

DIRECTIONS FOR USING

UNPACKING — After removing the cover, be careful in taking away the ties and braces not to scratch the press. It can be unpacked easier by taking the box apart. When shipped a long distance the bright work is covered with a rustproof composition; if it is hard to rub off with a dry cloth, use benzine.

SETTING UP — Screw the press firmly to the baseboard; holes are made in the right positions and screws are sent for this purpose with each press. When removing the wooden plug at *E* (see cut opposite), be careful not to break the Ink Frame that is held up by it. Insert the shaft on level *I* from left-hand side of the press, being careful to have the set screws in the connection set firmly in the holes of the shaft. If at any time there should be any loss of motion, it will be from these screws not being set firmly. Select a position for the press where the light will be at the side. Place the disk *H* on the press and oil all the bearings according to the directions given below, and the press will be ready to operate. The press will work much easier after it has been used a week or two.

THE IMPRESSION — To increase the impression on the Nos. 1, 2, and 3 machines the impression adjustment is at the toggle joint at back of press. To increase, put in cardboard shims as required; to decrease, take out shims. The four screws under the platen are for squaring the impression only. To increase the impression on the Nos. 4, 9, 6, and 12, turn the four impression screws to the *right hand*. To lessen the impression, turn to the *left hand*. The impression screws should be secured firmly by the check nuts after a perfect impression is obtained. Do not turn the center screw, as the spring under the head allows for all adjustment of the platen. See that the platen has a positive bearing on each of the four impression screws. The platen can be tested by placing the hands on opposite corners diagonally. If it can be slightly rocked, it shows that it has not an even bearing on the impression screws. Be careful to get a good, square impression and not any stronger than required to bring the type up clear, as otherwise there will be unnecessary wear of the type.

ROLLERS — It is important that the rollers should be turning when they strike the type. The rollers should first be removed from the left-hand side, always. The roller wheels that turn on the ends of the rollers should not be any larger than the rollers and not over $\frac{1}{16}$ inch smaller. When the rollers shrink, new wheels should be obtained to suit them. We make them graduated by sixteenths of an inch.

OILING — Keep the bearings well lubricated by oiling them all once a day when in use. Oil holes will be found for that purpose. Do not put on more than the bearings will hold. Too much oil will only soil the press and the work. Use a good lubricating oil. Careful oiling not only saves the machinery, but it also saves unnecessary labor. The hooks that hold the rollers should be oiled where they work in the frame and where they bear on the roller wheels; the sides of the press on which the wheels run should never be oiled, as the friction turns the wheels and rollers. The ends of the roller cores should be oiled, that they may revolve in the wheels freely.

If any part of the press should be broken, the number on the face of the bed near the upper edge and a rough sketch of the broken part should be sent to us, together with the name and number of part, that we may know exactly what is wanted. Do not leave the ink on the disk over night. When the ink is left on, the rollers will stick to the disk so that the power required to move them may break the ink frame or connections.