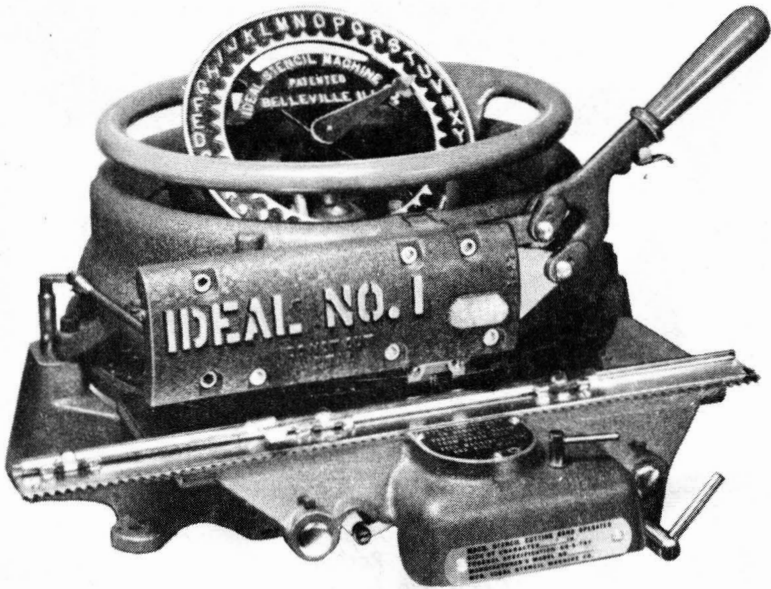


IDEAL

STENCIL MACHINE

Parts Catalog

Models 1, 2, 3, Quarter & Eighth



The Only Stencil Machine with Positive Automatic
Paper Carriage

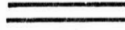
IDEAL STENCIL MACHINE CO.

102 Iowa Avenue — Box 305
Belleville, Ill. U.S.A. 62222

Sales Offices In All Principal Cities

Please help us

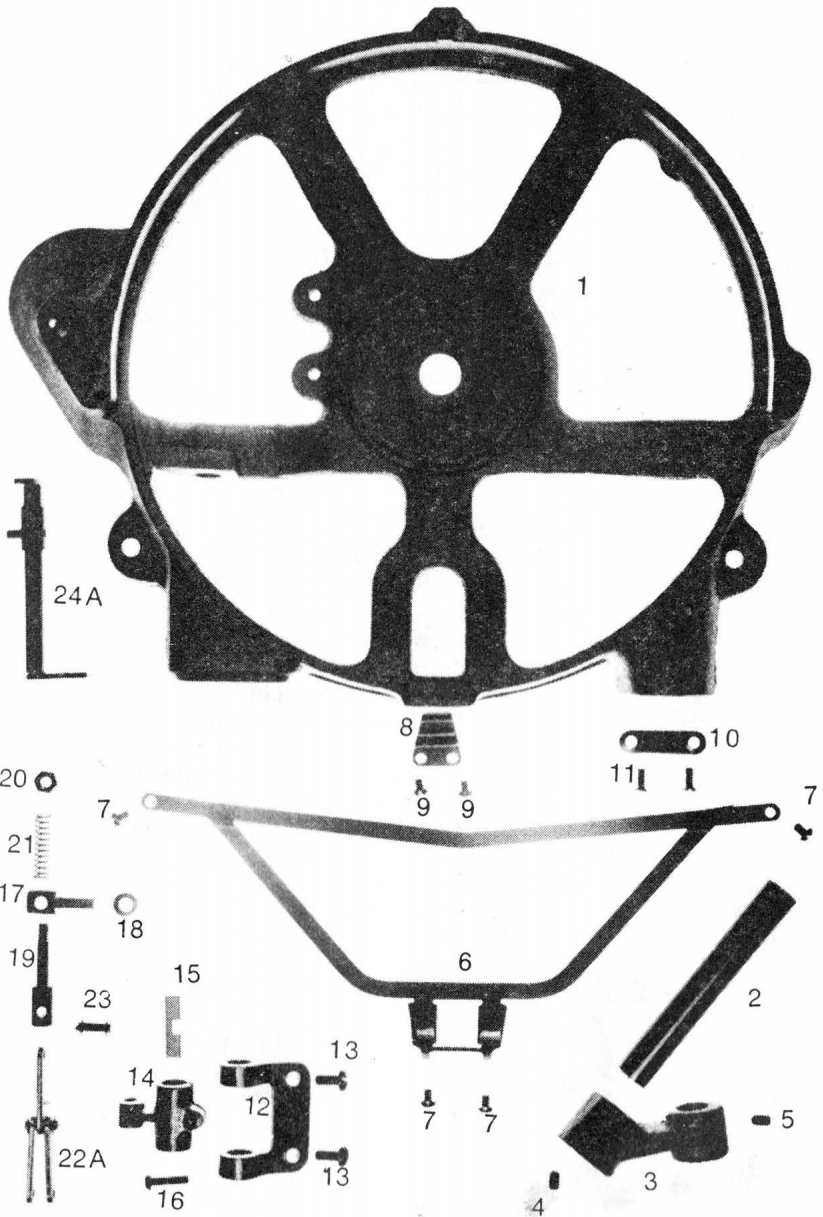
to fill your parts orders promptly!



We Must Have:

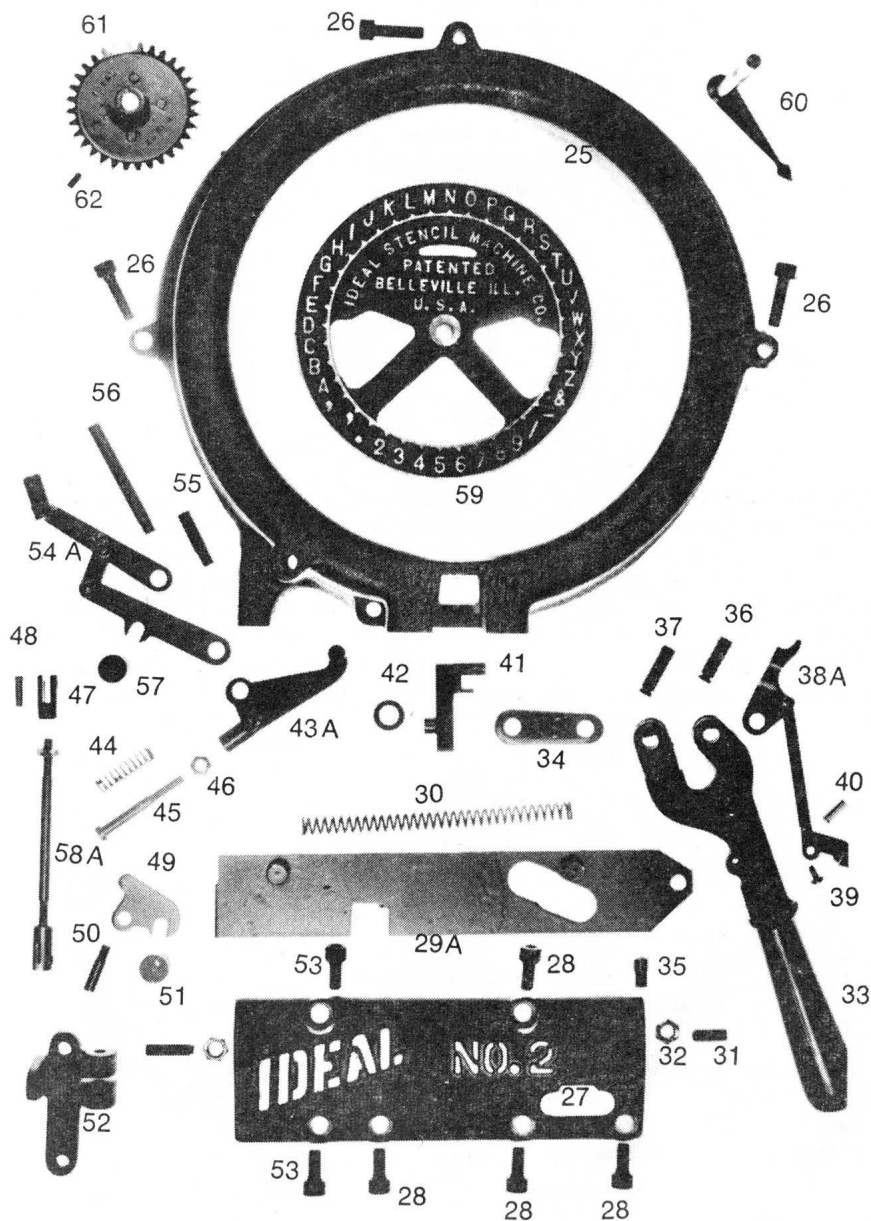
- 1) **Machine Model No.** —ie No. 1, No. 2, etc.
- 2) **Machine Serial No.** (located on part No. 27)
- 3) **Part Number** — as listed in this catalog
- 4) **Part Name** — as listed in this catalog

NO.	NAME OF PARTS
1	Base
2	Center Spindle
3	Bracket for Dial
4	Large Set Screw for Bracket
5	Small Set Screw for Bracket
6	Stripper
7	Screws for Stripper
8	Retaining Bracket for Die Carrier
9	Screws for Bracket
10	Impact Plate
11	Screws for Plate
12	Bracket for Feed Shaft
13	Screws for Bracket
14	Feed Shaft Rocker
15	Key for Rocker
16	Screw for Rocker
17	Crank Pin for Rocker
18	Washer for Crank Pin
19	Compensating Rod
20	Lock Nuts for Rod
21	Spring for Rod
22A	Connecting Links Assembled
23	Pins for Links
24A	Vertical Shaft Assembled



PARTS CATALOG OF THE IDEAL STENCIL MACHINE

NO.	NAME OF PARTS
25	Hood
26	Screws for Hood
27	Cam Bar Casing
28	Screws for Cam Bar Casing
29A	Cam Bar Assembled
30	Spring for Cam Bar
31	Adjusting Screws for Cam Bar
32	Lock Nuts for Screws
33	Operating Handle
34	Handle Link
35	Screw for Handle Link
36	Pins and Snap Ring for Handle & Link
37	Pins and Snap Ring for Handle and Cam Bar
38A	Word Spacer Assembled
39	Screw for Word Spacer
40	Spring for Word Spacer
41	Plunger
42	Plunger Roller
43A	Lock
44	Spring for Lock
45	Rod for Spring
46	Lock Nut for Rod
47	Rod End
48	Pins for Rod End
49	Rocker for Lock
50	Screw for Rocker
51	Roller for Rocker
52	Bracket for Rocker
53	Screws for Bracket
54A	Feed Levers Assembled
55	Short Screw for Feed Levers
56	Long Screw for Feed Levers
57	Roller for Feed Levers
58A	Rod for Feed Levers Assembled
59	Dial
60	Pointer
61	Gear for Pointer
62	Set Screw for Gear
63	Patent Plate
64	Screws for Patent Plate



NO.	NAME OF PARTS
65	Hand Wheel
66	Screws for Hand Wheel
67	Punch Carrier
68	Screws for Punch Carrier
69	Punch
70	Punch Guide
71	Punch Guide Screw
72	Punch Spring
73	Die
74	Die Screws
75	Die Carrier
76	Die Carrier Gear
77	Screws for Gear

Removing A Punch and Die

Disconnect Feed Rod (58A) on left side of machine by removing the Pins (48). Remove the Hand Wheel (65) by taking out screws (66). Remove Stripper (6) by taking out screws (7). Remove the Hood (25) by taking out the three screws (26). The Punches and Dies are now exposed. Remove Die (73) by taking out Die Screws (74) from bottom of machine. Release Punch Guide Screw (71) and press Punch downward with screw driver, removing Punch at bottom of machine.

Punch and Dies normally are not sold separately, but rather fitted and sold as sets.

Replacing a Punch and Die

Care must be taken to avoid damage to the cutting edge of the Punch. Die 73 must be removed from Punch 69.

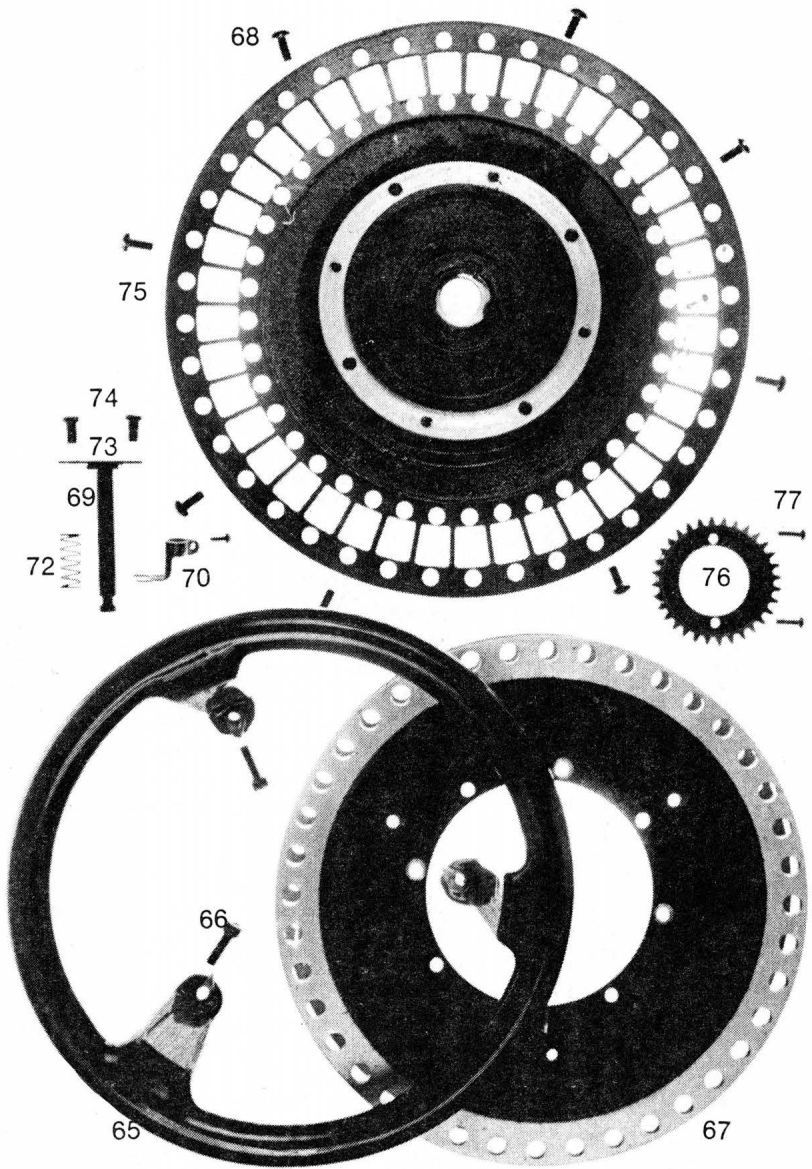
Replace Punch through bottom of machine installing Punch Spring 72 and Punch Guide 70 at the same time.

Carefully place Die on Punch then push Punch down until Die rests on Die Carrier.

Replace Die Screw 74 slowly, maintaining Die 73 in perfect alignment in relation to adjacent dies.

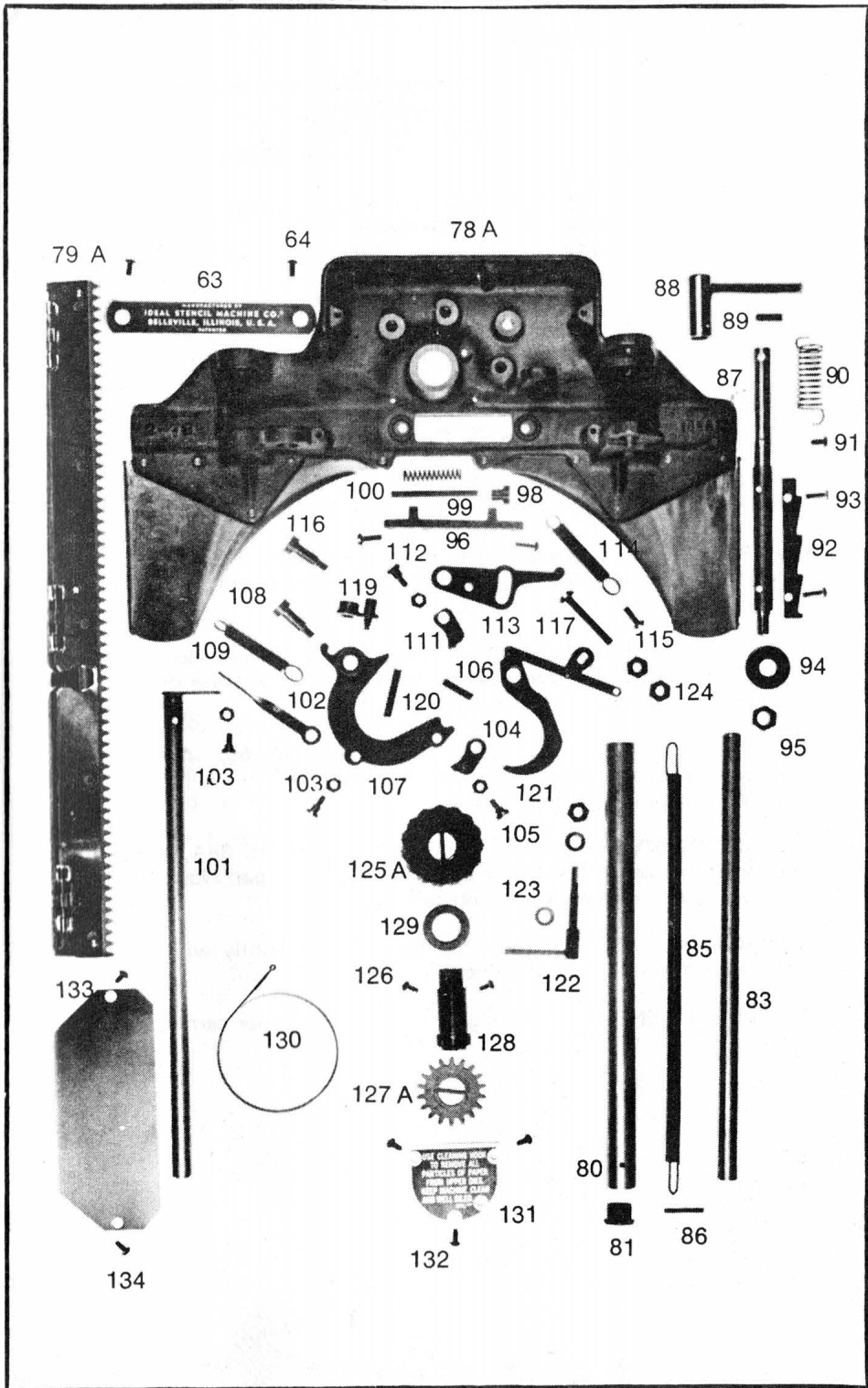
Depress Punch Guide 70 approximately $\frac{1}{4}$ " and tighten Punch Guide Screw 71.

Reassemble Hood, Stripper, Hand Wheel, and Rod for Feed Lever.



PARTS CATALOG OF THE IDEAL STENCIL MACHINE

NO.	NAME OF PARTS
78A	Table
79A	Paper Carriage Assembled
80	Long Table Slide
81	Plug for Long Table Slide
82	Set Screws for Table Slides
83	Short Table Slide
84	Plug for Short Table Slide
85	Spring for Table Slide
86	Pin for Spring
87	Line Spacer Shaft
88	Handle for Shaft
89	Pin for Handle
90	Spring for Line Spacer Shaft
91	Screw for Spring
92	Line Spacer Rack
93	Screws for Rack
94	Collar for Line Spacer Shaft
95	Nut for Line Spacer Shaft
96	Carriage Bumper Bracket
97	Screws for Bracket
98	Carriage Bumper
99	Pin for Bumper
100	Spring for Bumper
101	Feed Shaft
102	Feed Shaft Link
103	Screws for Feed Shaft Link
104	Operating Pawl
105	Screw for Operating Pawl
106	Spring for Operating Pawl
107	Plate for Operating Pawl
108	Screw for Operating Pawl Plate
109	Spring for Operating Pawl Plate
110	Screw for Spring
111	Retaining Pawl
112	Screw for Retaining Pawl
113	Plate for Retaining Pawl
114	Spring for Retaining Pawl Plate
115	Screw for Spring
116	Screw for Retaining Pawl Plate
117	Adjusting Screw for Ret. Pawl Plate
118	Lock Nut for Adjusting Screw
119	Locking Pawl
120	Spring for Locking Pawl
121A	Pawl Release Plate
122	Staff for Pawl Release Plate
123	Washers for Staff
124	Nuts for Staff
125A	Ratchet Wheels Assembled
126	Screws for Ratchets



127A	Carriage Rack Pinion Assembled
128	Pinion Spindle
129	Collar for Pinion Spindle
130	Spring for Pinion Spindle
131	Upper Cover Plate
132	Screws for Upper Cover Plate
133	Lower Cover Plate
134	Screws for Lower Cover Plate

Operating Instructions For IDEAL Stencil Cutting Machines

1. PULL OUT TABLE — turn part No. 88 handle for shaft, to right, pull table toward you as far as possible. Trip handle to left to hold table in place
2. TRIP CARRIAGE RELEASE — a slight pressure with index finger on part No. 122 staff for pawl release plate, and carriage moves into place for cutting first line.
3. SLIDE PAPER INTO POSITION — press down on part No. 79A, paper carriage. Slide paper into position from left side. Release grip to secure paper in position.
4. CUTTING STENCIL — turn hand wheel, part No. 65, until pointer indicates character desired. Depress handle. Machine will automatically move into position for next cut.
5. SPACING BETWEEN WORDS — pull up on part No. 38A, word spacer, depress handle. At the end of each line trip lever, part No. 122, machine automatically returns to starting position.
6. SPACING BETWEEN LINES — flip part No. 88 lightly with thumb and carriage moves in just one line.
7. FINISHED STENCIL — release grip on No. 79A paper carriage, slide out stencil.

What You Should Know About Your IDEAL Stencil Cutting Machines

Punches and Dies can be resharpened and refit at the factory usually three times before they need to be replaced. This is an exclusive feature of our IDEAL Machines.

Pieces of Stencil Board should be periodically removed from Punches with a cleaning hook, furnished with each machine, to insure clean cut stencils.

Complete factory overhaul and rebuilding service is available.

All moving parts should be kept lightly oiled to insure dependable operation.

On special order a machine can be equipped with tempered Punches and Dies for cutting half hard brass, zinc, and aluminum up to a maximum thickness of .006, also Mylar up to a maximum thickness of .010.

Your IDEAL stencil machine can be modified to cut additional lines.

REMEMBER

When ordering parts, we must have:

1. Machine Model No.
2. Machine Serial No.
3. Part Number
4. Part Name

IDEAL.

**STENCIL MACHINE CO.
BOX 305 • BELLEVILLE, ILLINOIS 62222**