

SECTION IV

ROTARY ROLL LIFTER

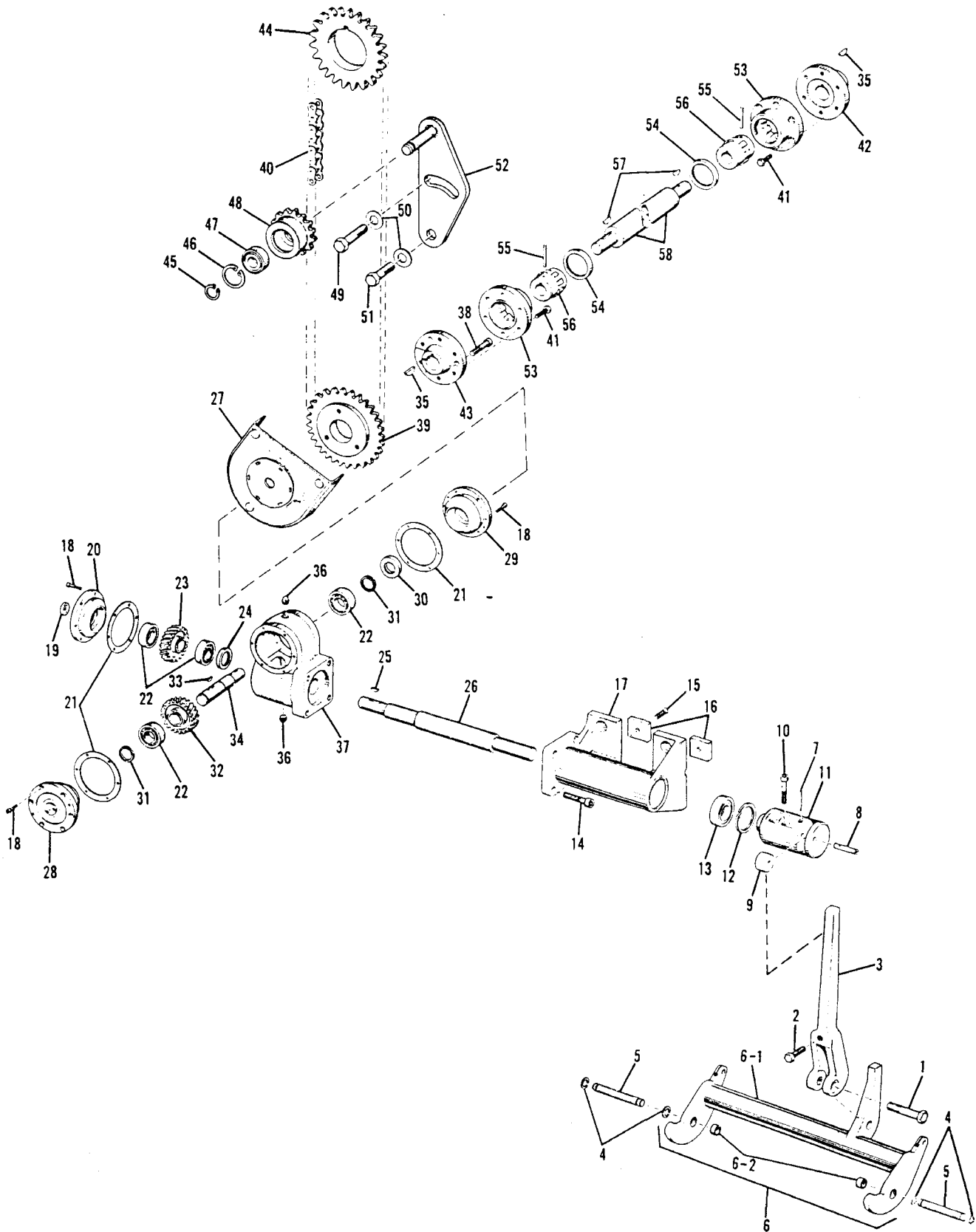


INDEX NO.	DESCRIPTION
1	Screw - Hex. Hd. Cap
2	Screw - Hex. Hd. Cap
3	Extension - Lever
4	Ring - Retainer
5	Pin - Fulcrum
6	Assembly - Lifter Lever* Consisting of: 6-1 Lever - Lifter 6-2 Bushing or Bearing
7	Pin - Roll
8	Pin - Lifter Roller
9	Roller - Lifter
10	Screw - Hol. Hd. Cap
11	Holder - Roller*
12	Ring - Retainer
13	Bearing - Ball
14	Screw - Hol. Hd. Cap
15	Screw - Fl. Hd. Mach.
16	Key - Bracket
17	Bracket - Lifter Cam Shaft*
18	Screw - Hol. Hd. Cap
19	Window - Oil
20	Cap - Bearing Retainer - Oil Gauge
21	Gasket
22	Bearing - Ball
23	Gear - Bronze Spiral*
24	Seal - Oil
25	Key - Woodruff
26	Shaft - Lifter Cam
27	Guard - Chain
28	Cap - Bearing Retainer - Solid
29	Cap - Bearing Retainer - Bored

INDEX NO.	DESCRIPTION
30	Seal - Oil
31	Ring - Retainer
32	Gear - Steel Spiral*
33	Key - Woodruff
34	Extension - Lifter Drive Shaft*
35	Key - Woodruff
36	Plug - Pipe
37	Housing - Lifter Drive
38	Screw - Hol. Hd. Cap
39	Sprocket - Lifter Driven
40	Chain - Drive
41	Screw - Hex. Hd. Cap
42	Hub - Rigid Half
43	Coupling - Rigid Half
44	Sprocket - Drive
45	Ring - Retainer
46	Ring - Retainer
47	Bearing - Ball
48	Sprocket - Idler
49	Screw - Hex. Hd. Cap
50	Washer - Steel Finished
51	Screw - Hex. Hd. Cap
52	Bracket - Lifter Idler Sprocket (With Pin)
53	Sleeve - Coupling
54	Seal - Oil
55	Pin - Roll
56	Hub - Flexible
57	Key - Woodruff
58	Shaft - Center Lifter Drive

* Left hand shown - please specify whether left or right hand is required.

The rotary lifter is normally used with the straight sided press which has only one crank shaft extension. It is used for blanking and progressive die work. This is not recommended for drawing operations as the rolls are opened for a very short period of time. This type of lifter is easily adjusted from floor level. The spiral gears that drive these lifters are enclosed and run in oil and do not present any maintenance problems.



ROTARY ROLL LIFTER