
OFFSET DUPLICATOR



PARTS LIST

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The number of transformed cells was determined by the number of colonies obtained on the selective medium. The results are the mean of three independent experiments. Error bars represent the standard deviation.

4

u3-eEnsmos. 4Ut

RY061

* 09 85	7101	311	*054-1t9285 900E1 3 -15--1	tit (03) 257-1211
ii	7532	*)9	III MAR 4 -- 2 -30	gut (03) 257-1241
S 85069618	¶464	t'	E*+4X85192484 7 -49	tit (06) 395-1313
90 SI 18 7,0	¶812	t(51*14 -Z-1314991% 3 -41-40	lit (052)763-1301	
10 'S' 85 IX	7983	NI 96*2+96 3 2 -14*R4 e/1.	tt (092)473-0781	
IL 119 969618	¶370	969*99E9912 -3	288 (0222)95-1383	
9; 96 96 It	7736	Inth*Yt T iDalfi 3 - - 7 -.129	tit (0273)25-0960	
*g(X F(	7330	Xg*A FieFT I -470t B	am (082)823-0068	
95 9655	7221	11195 4**11196851415 -- 5	CU (0486)51-6820	
*Salt * ffi	7963	11411*961 2 -11-28	Int (045)312-2766	
		*S Ek 158	Int (0249)22-8960	
9685096 96	7604	9280 '9859648'1s5892961811.	int (075)211-8831	
		*459118		
48585ii56	¶760	964949851435- 3	lug (0878)66-1051	
11145196IE55	7420	rtFAM 5- 1 -4	Mt (0542)52-7739	
t t * th	7920	t9i\$M41'9 5 - 2 4;12EM,	tt (0162)67-3128	
11t *	7862	55*8959W0i*I*2 -12- 9	tit (0963)87 -2967	
		4192 e46		
1295,2111*	7890	9699.15*2696 - 6 -11	It (0992)54-8780	
11.415 : Xi*	¶064	91.4M*E852645827-12	tit (011)644-2431	
wagitffi	7030	*8644 85915 -8-19	tit (0177)77-5283	
*133 2 * Ph	7011	fic68 '01'965572 -16	at (0188)63-4021	
96 * M	7702	10107610095111f12-25-101	It (0862)63-9530	
fii* it it	¶020' 01	9226*541193-15-	tit (0196)62-5121	
86 ti	7300	*if*LA391053	tit (0252)27-6773	
* SW 2 AM	7320	iii(R Iti-7-20ffiiile)1.	tit (0286)24-5747	
t Ph	7790	1210*00* 2 - 4-21	at (0899)22-7216	

51 Us-e

RIVB1

85	45	¶726	696*/(3**D414762	It (0847)41-4111
55 96	K 11	7101 11	(*65189644E9691.61 3 - 15- I tat	(03) 257-1500

Wom umiTED

762 MESAKI-CHO FUCHU-SHI
HIROSHIMA-KEN 726. JAPAN
PHONE (0847)41-4111
TELEX 645701 RYOBI J
CABLE ADDRESS
RYOBIILTD FLICHIHIROSHIMA

Rev.1/Sept. '84 SY 2540508

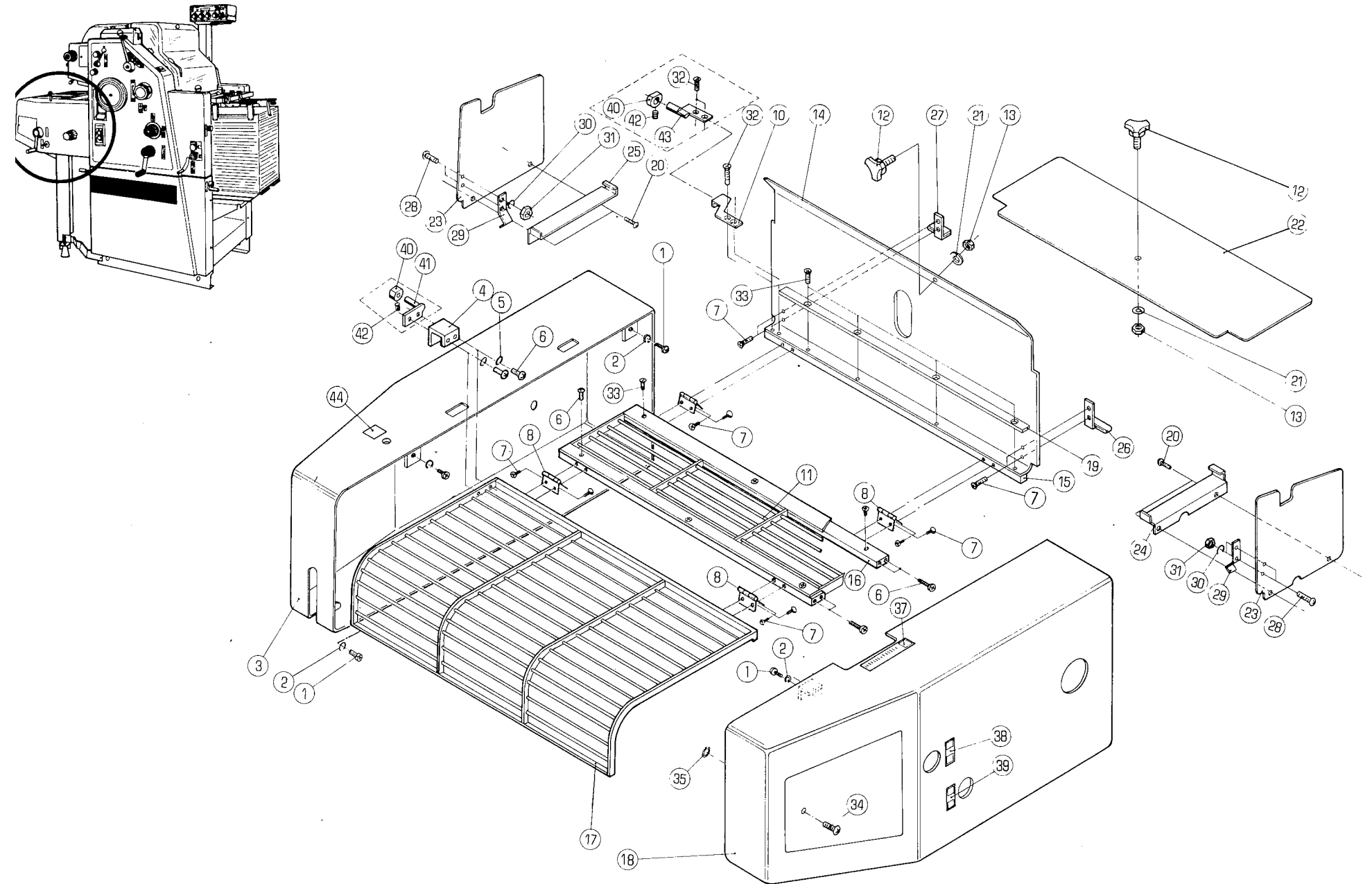
Printed in Japan

COVER SECTION

*aOfigrilltilierCrIttigt
Note: When ordering items marked * indicate the set numbers because they are available in set on

NO.	111 PARTS NO.	413	4A ft	PARTS NAME	SET NO.	01 COMPONENT PARTS NO.	ill Mc Q'ty
29	5295 89 634			Plate			2
30	9710 03 0008		M3	Spring washer, M3			4
31	9660 03 0014	Aft] 5- sy	M3	Hexagon nut, M3			4
32	9648 04 1514	EH\	M 4 X15	Small flush head screw, M4 x15			2
33	9648 04 1014	JIL1./1x•ts')	M 4 X10	Small flush head screw, M4 x10			7
34	90 810		M 6 X 8	Screw, M6 x 8			1
35	90 651	G S 9 2./'	G S — 6	GS-Ring, GS-6			1
37	5300 89 512	-f		Indicating plate			1
38	5290 89 513			Indicating plate			1
39	5290 89 514	-f	—	Indicating plate			1
40	5295 75 031-1			Switch cam (for 230V)			2
41	5295 89 670			Bracket (for 230V)			1
42	9684 05 0508	AfziPki7tit,('	M 5 X 5	Hexagon socket head set-screw, M5 x5			2
43	5295 89 660			Bracket (for 230V)			1
44	5310 74 075	-f		Indicating plate			1

3' -grs 202 COVER SECTION



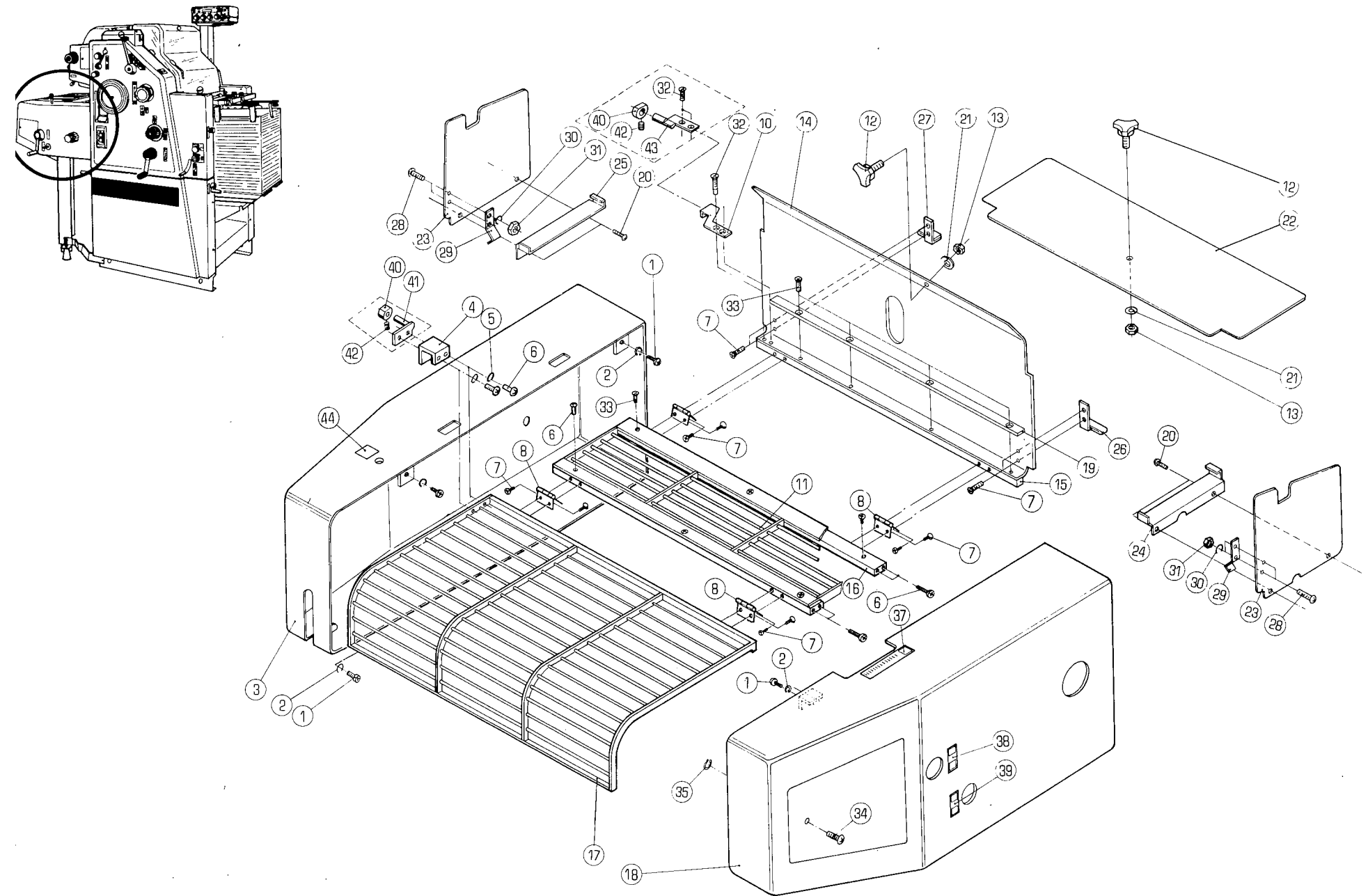
COVER SECTION

.lcomtaillia`cittsatL r-t-A.cryr, -tv 1-111141-CAALT1to.

Note: When ordering items marked * indicate the set numbers because they are available in set only

NO.	MI h PARTS NO.	If/	t 4	PARTS NAME	t f it 9 SET NO.	411 it 14 COMPONENT PARTS NO.	fez Q'ty
1	9642 05 .1614	◀11%4 3	M 5 X16	Small pan head screw, M5 x16			6
2	9710 05 0008		M 5	Spring washer, M5			6
3	5320 89 520	)3/ —		Cover			1
3	5320 89 530			Cover (for 230V)			1
3	5306 89 520			Cover (I tek)			1
3	5306 89 530			Cover (I tek • for 230V)			1
4	5290 89 613			Plate			1
5	9710 04 0008		M 4	Spring washer, M4			2
6	9642 04 1014		M 4 X10	Small pan head screw, M4 x10			5
7	9648 03 0614		M 3 X 6	Small flush head screw, M3 X6			20
8	91 301		t	Hinge			4
10	5290 89 624	2-' '34		Plate			1
11	5320 89 618			Cover			1
12	90 740	/ V7K)1,	MS X15	Knob bolt, M5 x15			2
13	9660 05 0014		MS	Hexagon nut, M5			2
14	5320 89 614	)]/ —		Cover			1
15	5310 89 615	7		Bracket			1
16	5320 89 611	A7 —		Stay			2
17	5320 89 648			Cover			1
18	5320 89 540 1	t		Cover			1
18	5306 89 540-1			Cover (I tek)			1
20	9642 05 1014	t <dvt-')	MS X10	Small pan head screw, M5 x10			4
21	9716 05 0014		M 5	Plain washer, M5			2
22	5320 89 642	)3/ —		Cover			1
23	5295 89 633			Cover			2
24	5295 89 643			Bracket			1
25	5295 89 644	j 5 r h		Bracket			1
26	5295 89 631	7 V I-		Bracket			1
27	5295 89 632	'75i I-		Bracket			1
28	9642 03 0614	f </J*ts.;	M 3 X 6	Small pan head screw, M3 x6			4

ti, - fil3 200 COVER SECTION



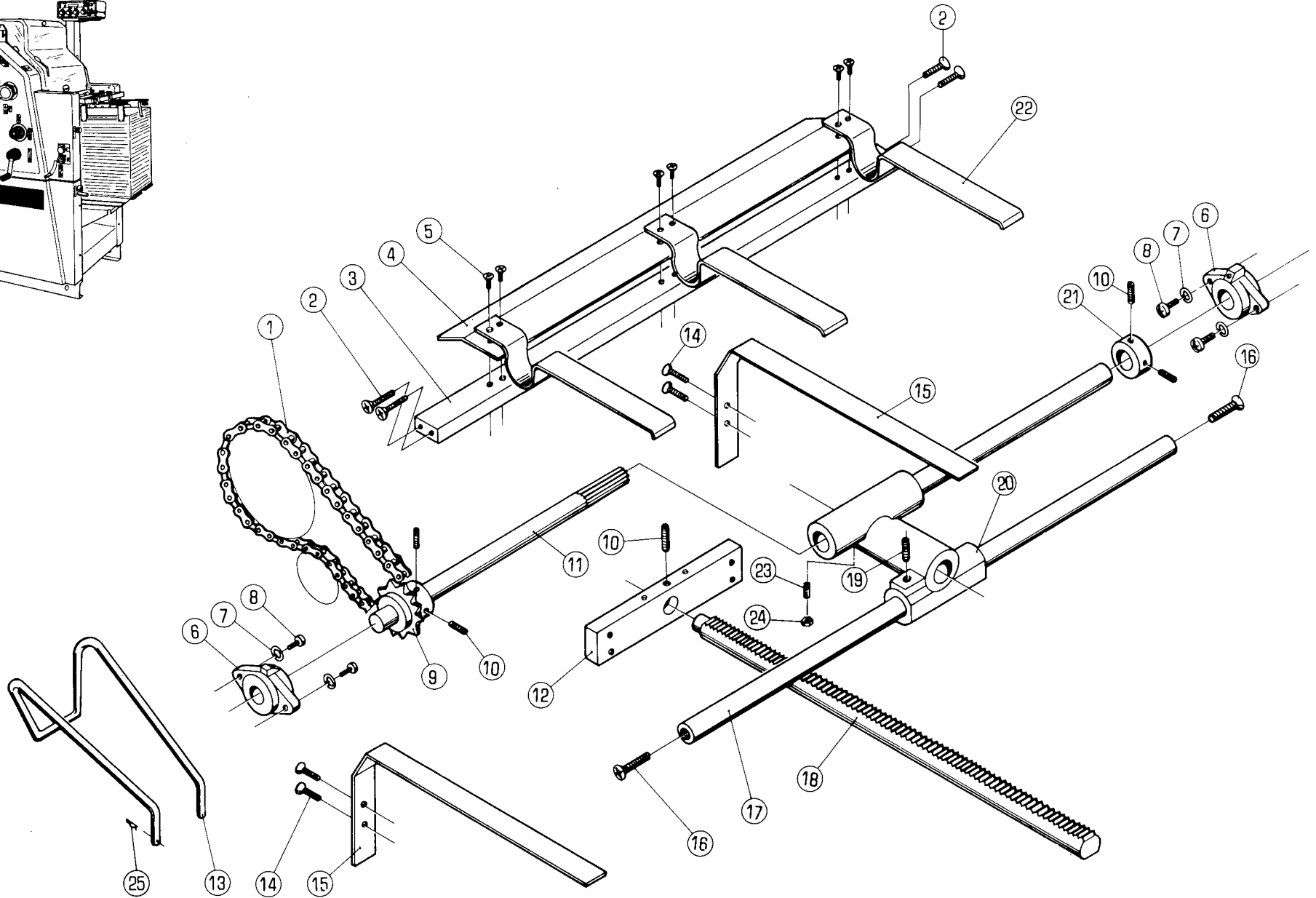
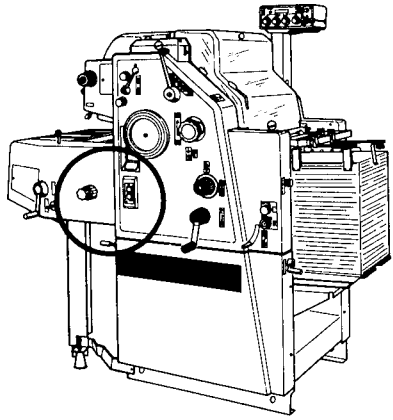
PACK GUIDE SECTION

*.1 Offliall*AT11:341UTIr*t/v0 C, F-W3VA3Z L.TT

Note: When ordering items marked * indicate the set numbers because they are available in set only

NO.	111 ifh it PARTS NO.	#13	PARTS NAME	t SET NO.	it 4 COMPONENT PARTS NO.	frit PARTS NO.	R Q'ty
1	90 802		Chain				1
2	9648 05 1614	1111/14•..)	M 5 X 16				4
3	5310 89 151	A=r —	Stay				1
4	5290 89 153		Plate				1
5	9648 04 1014	101/14D	M 4 X10				6
6	5290 89 143	9	Bushing				2
7	9710 05 0008	/./:11\$	M 5				4
8	9642 05 1014		M 5 X10				4
9	5290 89 142	A7 0•`Tv	Sprocket				1
10	9684 05 0508	Aft	M 5 X 5				5
11	5310 89 141	4, 7 1-	Gear shaft				1
12	5290 89 145	• 5`i F-					1
13	5290 89 147	-f F	Back guide				1
14	9648 05 1014	1111/1' .;	M 5 X10				4
15	5290 89 146— 1	)1-f I:	Back guide				2
16	9648 06 1214	1111/1'.ts D	M 6 X12				2
[7	5310 89 138	—	Stay				1
.8	5290 89 144— 1	5 t,	Rack				1
9	9684 06 0608	"AA rt"11f.±.)<	M 6 X 6				1
'0	5290 89 139	5 *J1•9"—	Rack holder				1
1	5290 29 314	5	Lock collar				1
2	5290 89 152— 1	)i-rF	Guide				3
3	9684 06 2008	Aft'Aft.±;(' D	M6 x20				1
	9660 06 0014	t	M 6				1
5	90 630	Atv7 e>	Snap pin				1

t' 4 F AS 198 BACK GUIDE SECTION

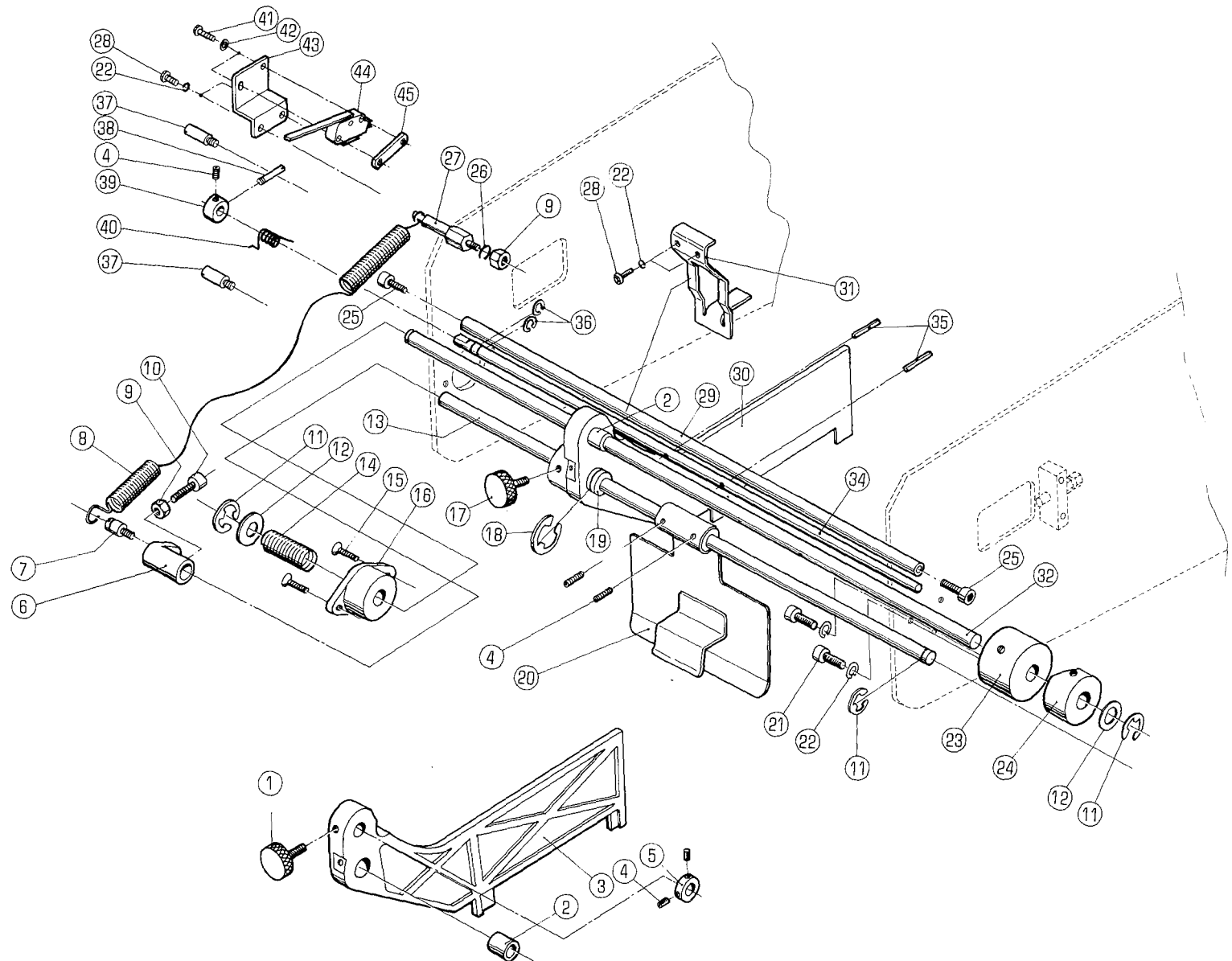
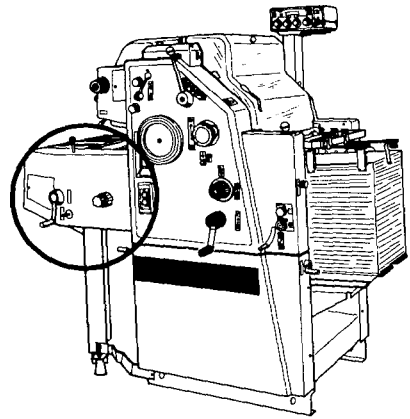


*zolsaf210.81, clt:sAl..ctr*V-/v0`e, 1-11101`CLt3c1..cF o

Note: When ordering items marked * indicate the set numbers because they are available in set on

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There are approximately 20 lines visible. The paper has a slight shadow on its right side, suggesting it's resting on a surface.

196 SIDE GUIDE SECTION

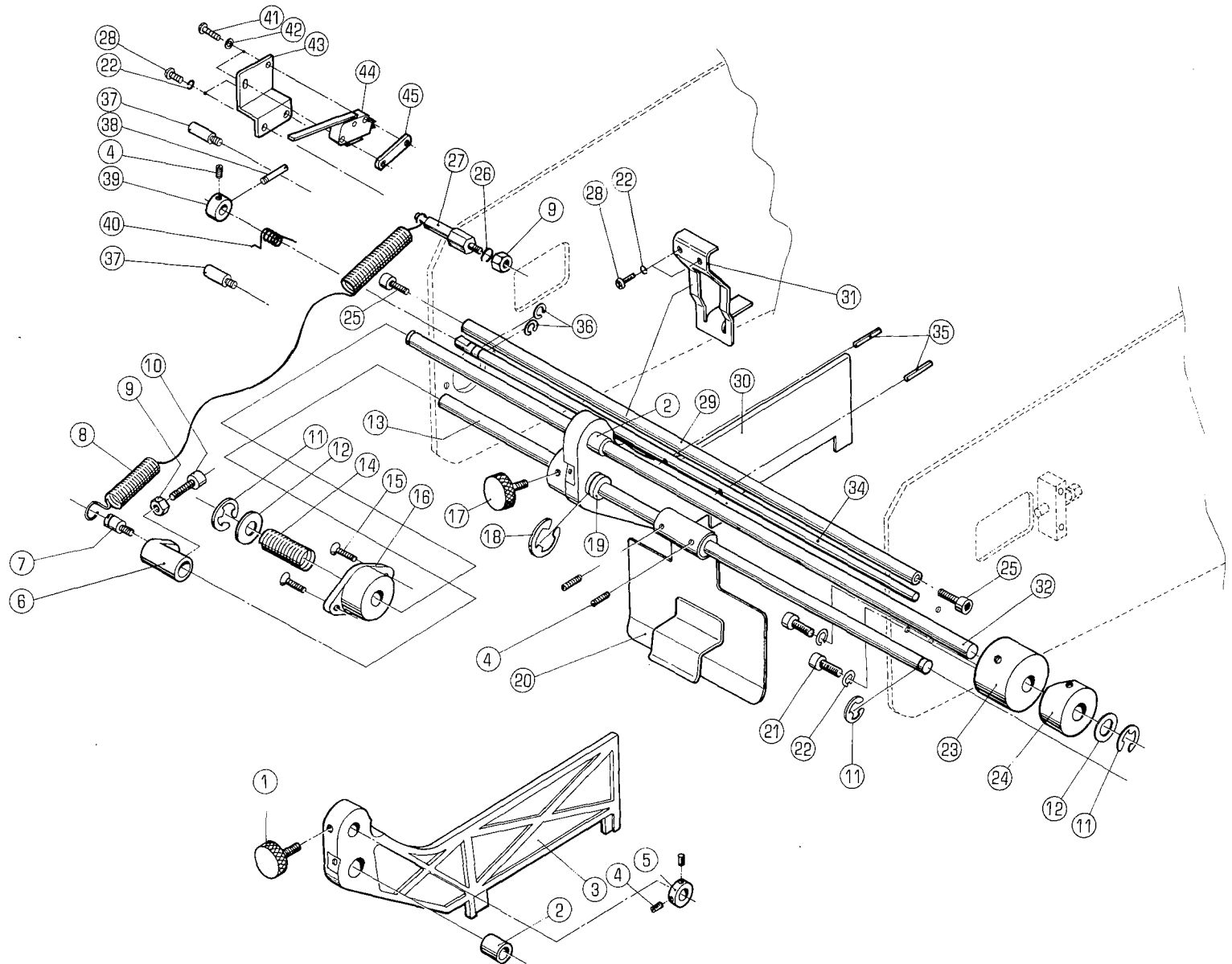
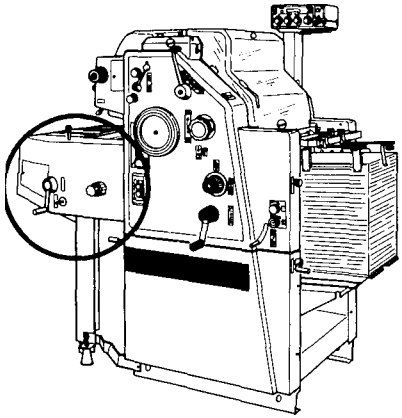


SIDE GUIDE SECTION

kzoilisaltAidiceltts2/ 1-1141-eitSc t
 Note: When ordering items marked * indicate the set numbers because they are available in set or

NO.	it PARTS NO.	fif	PARTS NAME	t I- IF 41- SET NO.	III NZ COMPONENT PARTS NO.	City
1	5290 44 241	`.% 7 3.:	Knob			1
2	5290 37 513	,4 9)1'	Bushing			2
3	5310 89 225-1	-±4 Kfi-(F	Side guide			1
4	9684 05 0508	7:f1) 4lf i.h M5 X 5 -	Hexagon socket head-set-screw, M5 X 5			5
5	5290 29 315	.th, 4 i 7—	Lock collar			1
6	5290 89 323-1	7	Boss			1
7	5290 33 122	A 7 ') 9:4: 1 7	Spring suspender			1
8	5290 89 325	A	Spring			1
9	9660 06 0014	M 6	Hexagon nut, M6			2
10	9670 06 2508	A'41'7li)1. M 6 X25	Hexagon socket head bolt, M6 X25			1
11	9721 10 0008	E ') I/ E-10	E-Ring, E-10			3
12	5290 29 311		Washer			2
13	5310 89 311	V F*	Shaft			1
14	5290 89 224		Spring			1
15	9648 05 1014	M 5 X10	Small flush head screw, M5 X 10			2
16	5290 29 220	, 4 9 II,	Bushing			1
17	5290 32 141	Ei	Knob			1
18	9721 15 0008	E ') E —15	E-Ring, E-15			1
19	5290 89 227	.) (9	Bushing			1
20	5310 89 320	'7 DI/)i-f F	Front guide			1
21	9642 05 1614	t •</J%- ') M 5 X 16	Small pan head screw , M5 X16			3
22	9710 05 0014	M 5	Spring washer, M5			7
23	5290 89 222	, 4 9 IL'	Bushing			1
24	5290 89 221	)' 9)1.	Bushing			1
25	9670 06 1208	A\$12'i47f7ti)1r M 6 X12	Hexagon socket head bolt, M6 X12			2
26	9710 06 0008	ig:11\$ M 6	Spring washer, M6			1
27	5290 89 324	j'') #1f	Spring suspender			1
28	9642 05 1014	-) ,<) M 5 X10	Small pan head screw, M5 X10			4
29	5310 89 411	—	Stay			1
30	5310 89 226 —1	4)' -1 1²	Side guide			

194 SIDE GUIDE SECTION



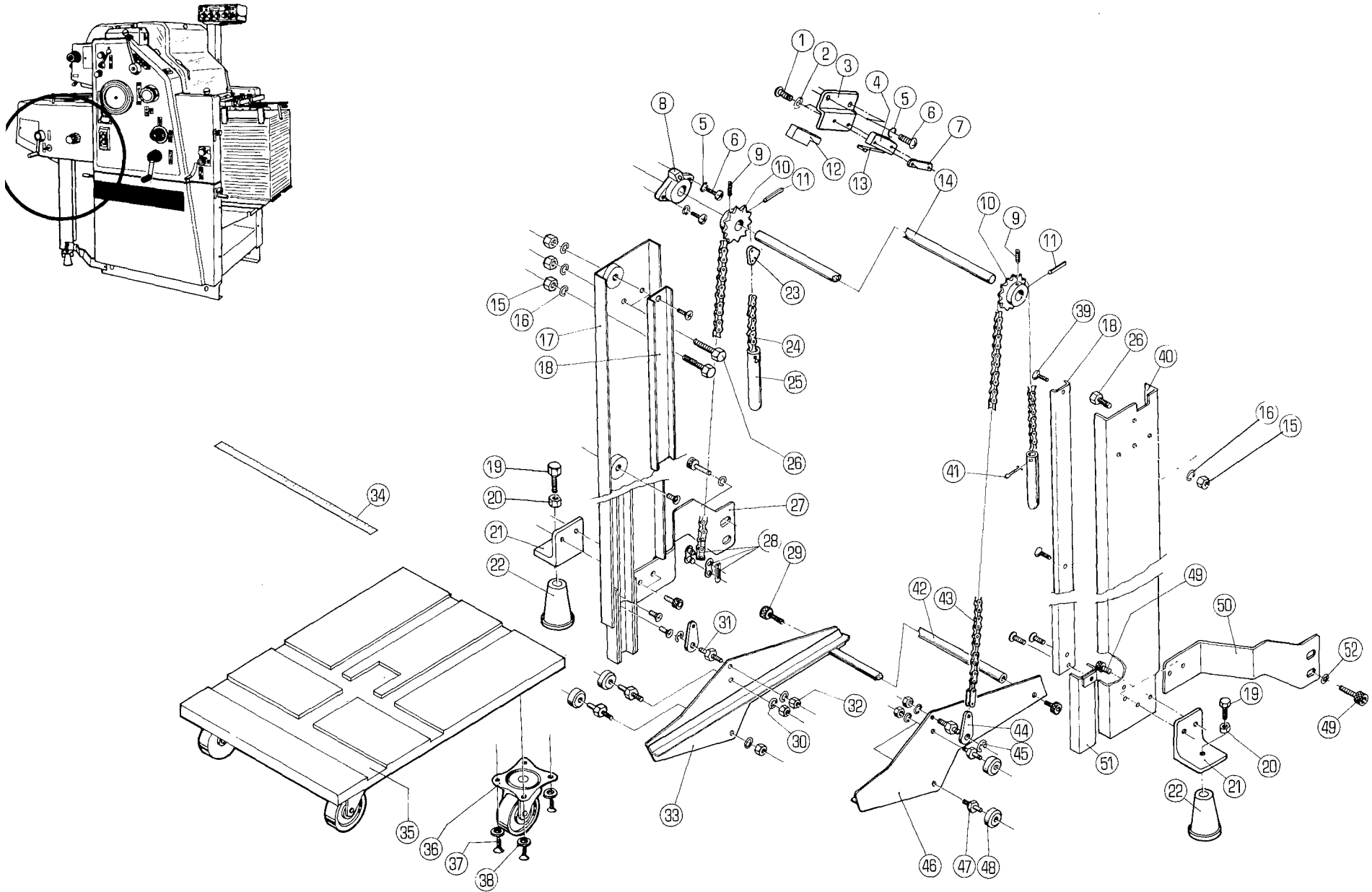
PAPER DELIVERY TABLE SECTION

*ZONAIILATI*tiS L.Vik d/v0`e, i1-•11-V513t LT F t O.

Note: When ordering items marked * indicate the set numbers because they are available in set on

NO.	fr it 4 PARTS NO.	40 en	*If	PARTS NAME	11 9- SET NO.	III A IF R COMPONENT PARTS NO.	111 Q'ty
28	90 856			Joint Link			3
29	9670 08 1608		M 8 X16	Hexagon socket head bolt, M8 X 16			2
30	9710 08 0008	1t M 8		Spring washer, M8			6
31	5290 88 231	A 9		Stud			2
32	9660 08 0014	it Pit v}• M 8		Hexagon nut, M8			7
33	5290 88 220	7 L.-14		Frame			1
34	5310 44 314	A 7 11.4		Scale plate			1
35	5310 88 241	#IPMF—1)1.		Paper delivery table			1
36	91 350			Caster			4
37	90 770	Alc') 04. 1 X20		Round head wood screw, 04.1x20			16
38	9716 06 0014	Tgt M 6		Plain washer, M6			16
39	9648 05 1014	M 5.x10		Small flush head screw, M5 x10			6
40	5320 86 310			Frame			1
40	5306 86 310			Frame (I tek)			1
41	9414 20 2514		02 X25	Split cotter pin ,02 X 2 5			2
42	5310 88 233	A 7 —		Stay			1
43	90 801	L — 3		Chain			1
44	5290 31 116	'1		Link			2
45	9721 07 0008	EI E —7		E-Ring, E-7			2
46	5290 88 210	7		Frame			1
47	5290 88 232	A 9 v		Stud			4
48	5290 31 117	— —		Roller			4
19	9670 08 1608	Afil'Aittil, M 8 X16		Hexagon socket head bolt, M8 X16			8
50	5320 86 412			Bracket			1
50	5306 86 412			Bracket (I tek)			1
	5290 88 250			Rail			2
	9716 08 0014	&\$ M 8		Plain washer, M8			4

192 PAPER DELIVERY TABLE SECTION



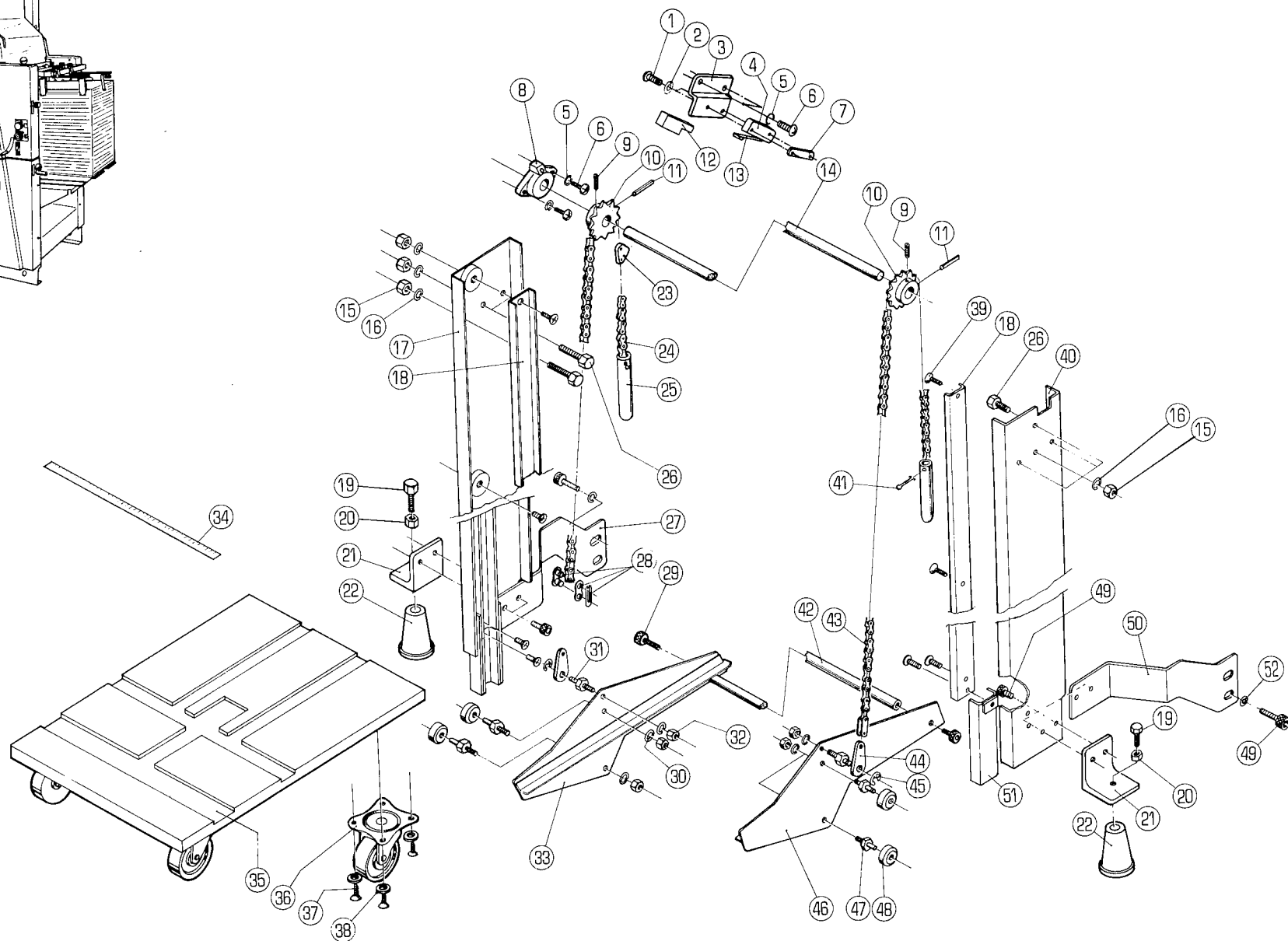
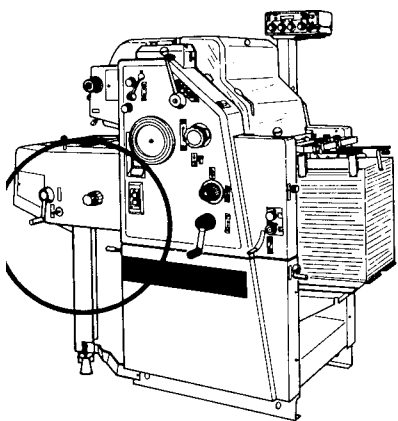
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 PAPER DELIVERY TABLE SECTION

*L011111%11*AVI/8/1LT*It./v0Ye, 1-10-11`ea5c L-CF LN,,

Note: When ordering items marked * indicate the set numbers because they are available in set only

NO.	rgi R- PARTS NO	40 4	PARTS NAME	1- * 4g SET NO.	IN NZ it -ff COMPONENT PARTS NO.	fli tk Q'ty
1	9642 03 2014	/ 01N*-) M3 X20	Small pan head screw, M3 x20			2
2	90 644	pk M3 (FkiNt)	Toothed lock washer, M3			2
3	5310 88 145	J 5 ir	Bracket			1
4	97 313	7- ciA .Y..	Micro switch			1
5	9710 05 0008	M5	Spring washer, M5			4
6	9642 05 1014	te<4'4's M 5 X10	Small pan head screw, M5 x10			4
7	5300 21 424		Plate			1
8	5290 89 143		Bushing			1
9	9684 05 0508	jc M 5 X 5	Hexagon socket head set-screw, M5 x5			2
10	5290 88 142	A 711 7	Sprocket			2
11	9410 40 2508	A7-// 'e> 04x25	Spring pin, 04x25			2
12	98 501		Cover			1
13	97 381	7 —	Actuator			1
14	5310 88 141	:it 7 1-	Shaft			1
15	9660 06 0014	IC t M6	Hexagon nut, M6			8
16	9710 06 0008	/qc M6	Spring washer, M6			8
17	5320 86 320		Frame			1
17	5306 86 320		Frame (I tek)			1
18	5300 88 234	—	Rail			2
19	5290 14 111	7KJI,	Bolt			2
20	9660 10 0014	F. M10	Hexagon nut, M10			2
21	5320 86 411	155 i F-	Bracket			2
21	5296 86 411		Bracket (I tek)			2
22	5290 86 415		Base			2
23	5310 88 146	j'L- —	Plate			1
24	5310 88 150	—1/	Chain			1
25	5290 88 235	.) X 4 F-	Weight			2
26	9672 06 1614	71:JI, M 6 X16	Hexagon head bolt, M6 x16			8
27	5320 86 414	7 1-	Bracket			
27	5306 86 414		Bracket (I tek)			1

190 PAPER DELIVERY TABLE SECTION

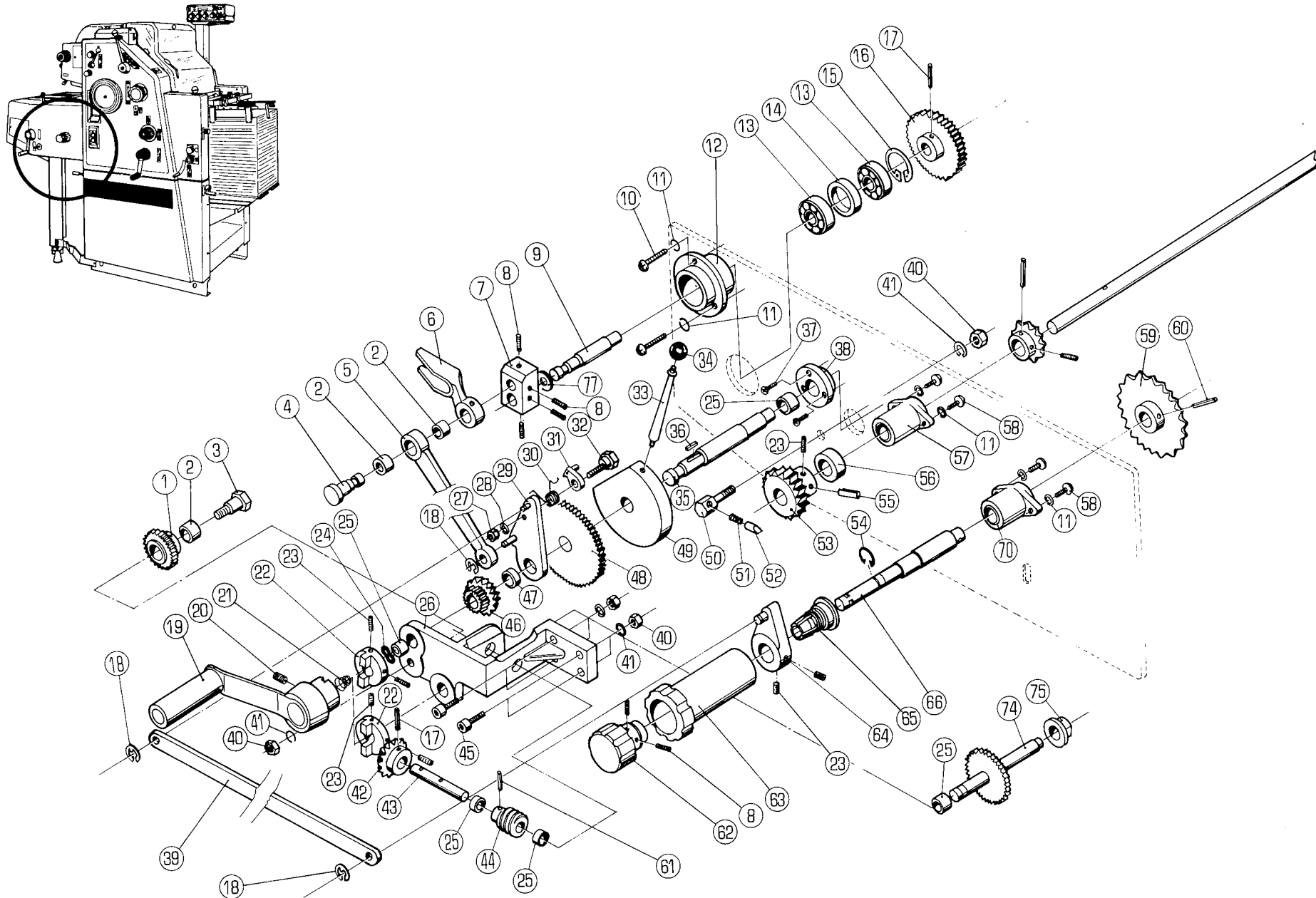


lai -C '7 41A 33 Is
STAND LIFTING DRIVING SECTION

*ZOINSd'aft*A C111-341. C V A,COT, F-119-TA5c LTT
Note: When ordering items marked * indicate the set numbers because they are available in set al

NO.	PARTS NO.	PARTS NAME	h SET NO.	tit COMPONENT PARTS NO.	11N Q'ty
59	5290 89 135	11 17 Sprocket			1
60	9410 40 3208	q54 X32 Spring pin, 04x32			1
61	9410 30 2008	7 1) -., 'e.s., 03 X20 Spring pin, q53 X20			1
62	5310 89 134	Knob			1
62	5296 89 134	Knob (I tek)			1
63	5310 89 133	sY 2. Knob			1
63	5296 89 133	Knob (I tek)			1
64	5290 89 120	Lever			1
65	5290 89 148	)3 5— Collar			1
66	5290 89 131-2	7 h- Shaft			1
70	5290 89 112	Bushing			1
74	5290 88 190	4 : t- Gear			1
75	5290 82 162	) 9)I. Bushing			1
77	5290 89 229	Washer			1

it±Yvain 188 STAND LIFTING DRIVING SECTION

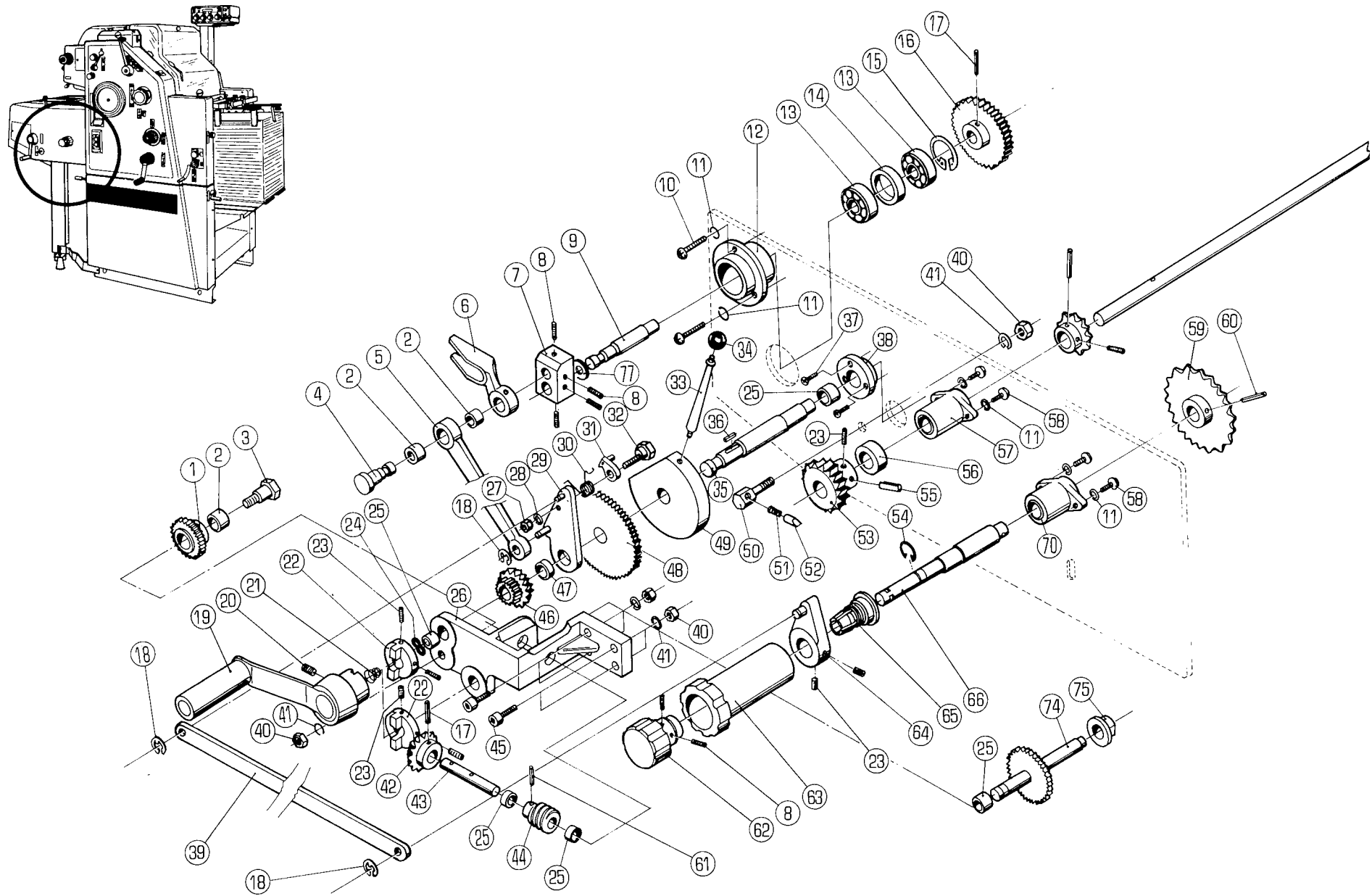


..t./7 41Ang5
;TAND LIFTING DRIVING SECTION

*ZOIFISAH*ATftt3ill
1-1FR-VA3tL TCF Ls.
Note: When ordering items marked * indicate the set numbrs because they are available in set onl)

NO.	1111 # g PARTS NO.	gf1 #13	fIF	PARTS NAME	SET NO.	COMPONENT PARTS NO.	II Pt Q'ty
30	5290 51 064			Spring			1
31	5290 51 070	JT		Pawl			1
32	5290 51 063	e>		Pin			1
33	5300 88 116			Lever			1
34	90 752			Ball grip			1
34	5296 33 564-1			Ball grip (I tek)			1
35	5290 88 113-1	7 h		Shaft			1
36	5290 88 183			Key			1
37	9648 05 1014	1111k1N-ts:;	M 5 x 10	Small flush head screw, M5 X10			3
38	5290 88 112	9/1.*)1,3f—		Housing			1
39	5310 89 111			Link			1
40	9660 06 0014	t	M 6	Hexagon nut, M6			6
41	9710 06 0008		M 6	Spring washer, M6			6
42	5290 37 613	—		Gear			1
43	5290 88 133	'it' 7 h		Shaft			1
44	5290 37 614	4--k' —		Gear			1
45	9670 06 2008	7Kfirt0471i)r	M 6 X20	Hexagon socket head bolt, M6 20			4
46	5290 88 180			Gear			1
17	5290 88 131	9)r		Bushing			1
18	5290 88 115			Ratchet wheel			1
19	5290 88 114	t		Cam			1
i0	5290 88 151	A9 v E		Stud			1
	5290 51 083	27° 91*/		Spring			1
2	5290 51 082			Claw			1
3	5290 88 144			Gear			
4	90 603	C E ') >	C E —12	CE-Ring, CE-12			1
5	9410 40 2508	A 7 ⁶ 9	04 x25	Spring pin, 04 X 25			1
	5290 88 143	t		Collar			1
7	5290 29 210	,/ 9 /1,		Bushing			1
3	9642 05 1014		M 5 X10	Small pah head screw, M5 x10			4

t_LYIRtiii% 186 STAND LIFTING DRIVING SECTION

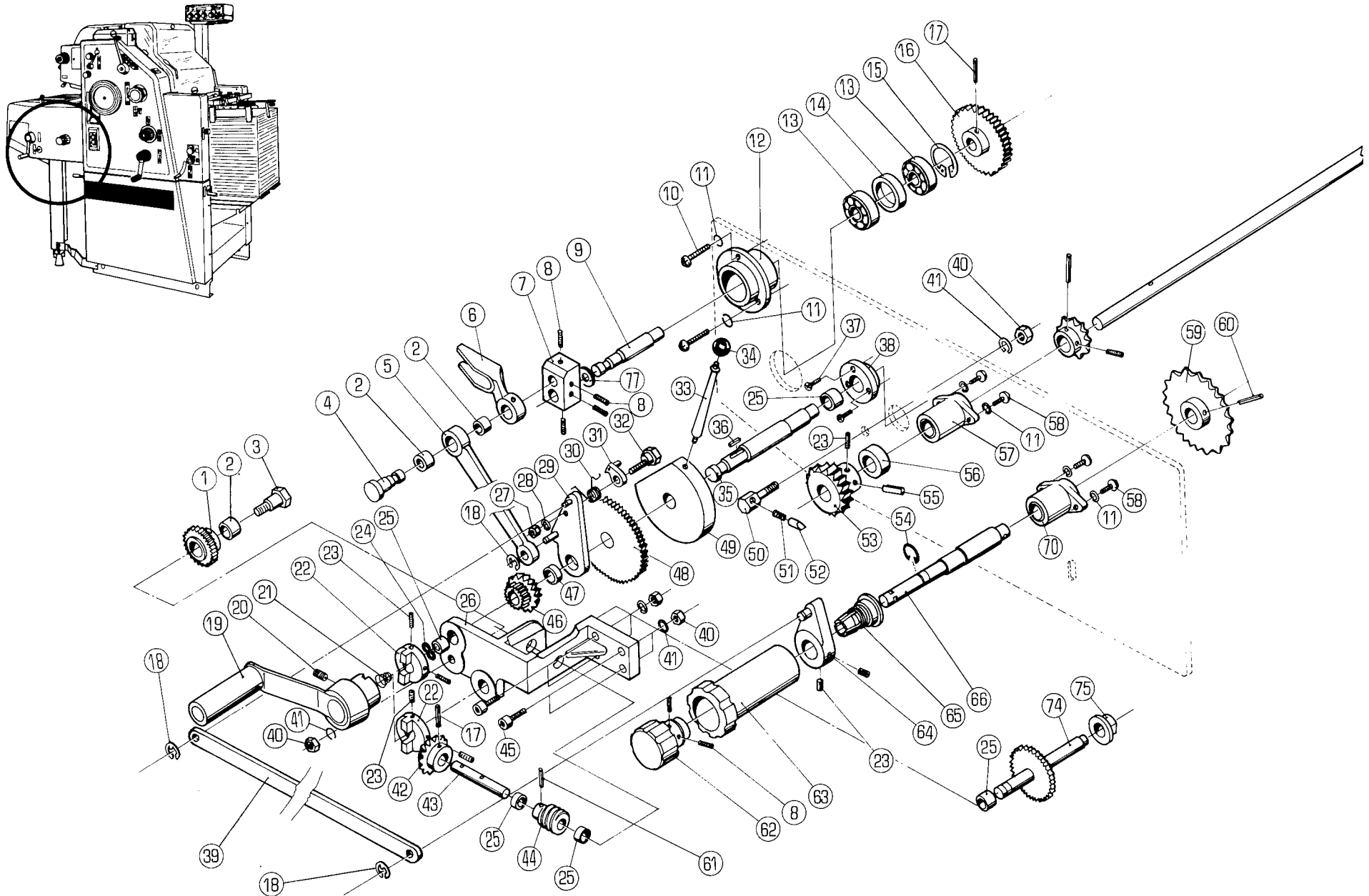


STAND "I" RIG DRIVING SECTION

Offfii1111*AtiV11841—T**1t/vOls, 1- A3Z LT Ft 1%.
 Note: When Ordering items marked * indicate the set numbers because they are available in set on

NO.	PARTS NO	rat 4fi	PARTS NAME	II A' SET NO.	44 it "4" COMPONENT PARTS NO	AN AI Qty
1	5290 88 194		Gear			1
2	5290 89 219	,k II.	Bushing			3
3	5290 88 193	A v	Stud			1
4	5290 89 216	a°:/	pin			1
5	5290 89 217		Link			1
6	5290 89 218	t L.	Cam			1
7	5290 89 215-1	5	Crank			1
8	9684 06 0608	AA n'tsfiE,c M 6 x 6	Hexagon socket head set-screw, M6 x6			6
9	5290 89 213	7 I-	Shaft			1
10	9642 05 1614	fr </1%.4k M 5 X16	Small pan head screw, M5 x16			3
11	9710 05 0008	ii•*ggk AA 5	Spring washer, M5			7
12	5290 89 211	•<7	Bearing holder			1
13	90 211	<7 6202Z Z	Bearing, 6202ZZ			2
14	5290 89 212	t 5 —	Collar			1
15	9723 35 0008	C	C-Ring, hole-35			1
16	5300 89 214	*A- —	Gear			1
17	9410 30 2508	A7 ^{P1}) >V't*:, 03 X25	Spring pin, Ø3x25			3
18	9721 07 0008	E E —7	E-Ring, E-7			3
19	5310 88 160		Handle			1
19	5296 88 160		Handle (I tek)			1
20	5290 88 170		Screw			1
21	5290 37 814	A7 ^{P1} 1.1/V·	Spring			1
22	5290 88 134	1	Clutch			2
23	9684 05 0508	7t MS X 5	Hexagon socket head set screw, M5 x5			7
24	9717 12 0008	Ag* nAl2	Wave washer M12			1
25	90 240		Bushing			5
16	5290 88 111-1	75 1-	Bracket			1
17	9660 05 0014	M 5	Hexagon nut, M5			1
18	9710 05 0008	M 5	Spring washer, M5			1
9	5290 88 120	7	Arm			1

t±5_g ain 184 STAND LIFTING DRIVING SECTION



9 1) viC fs-13

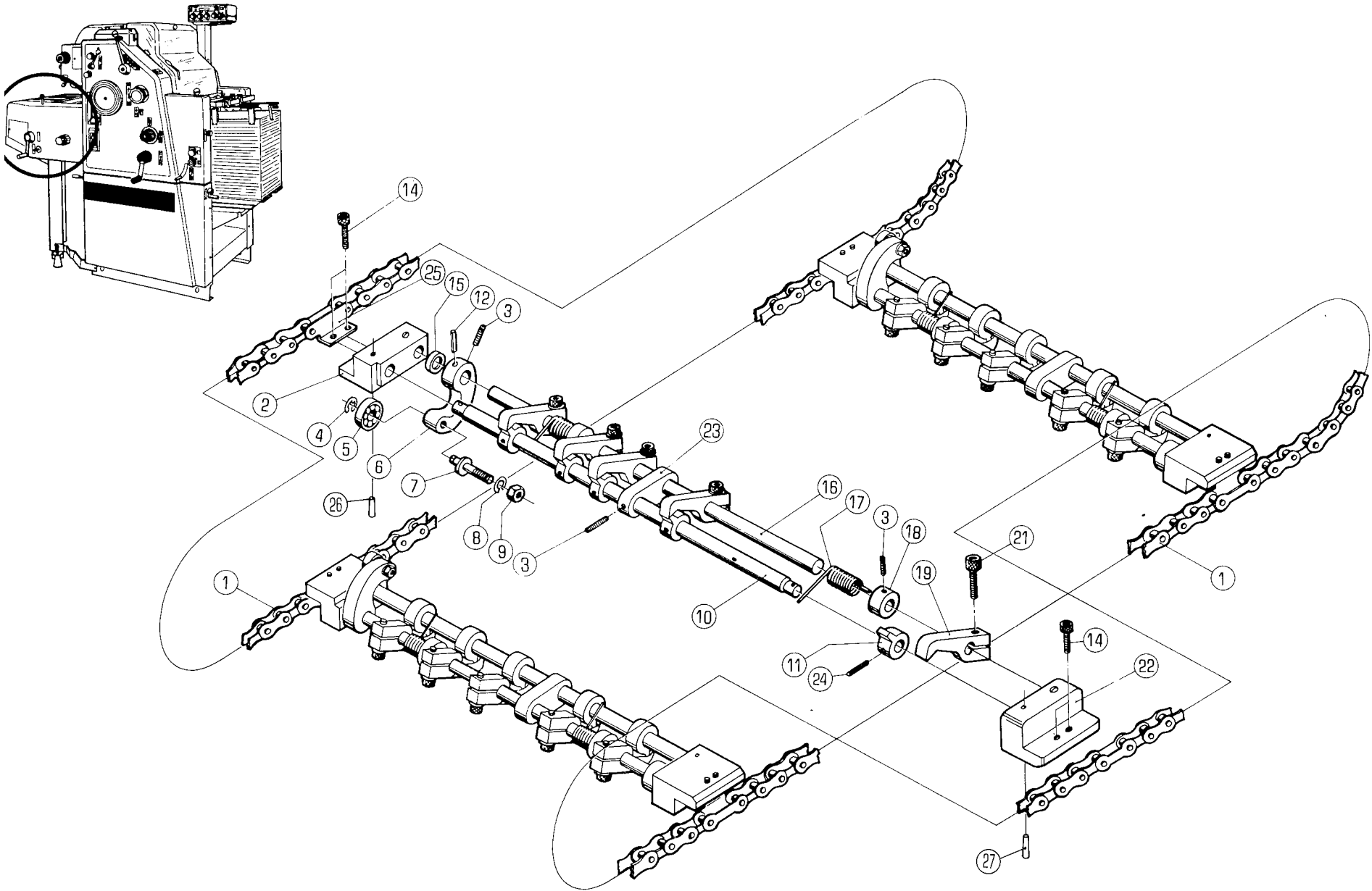
CHAIN GRIPPER SECTION

01#15ealt*AV118:11...V**t-AJOT, 1: *-11-va3z L -CT t

Note: When ordering items marked * indicate the Set numbers because they are available in set on

NIO.	it -9- PARTS NO.	iffi ep tft	PARTS NAME	SET NO.	COMPONENT PARTS NO.	71z Q'ty
1	5300 87 410	3 x —	Chain			2
2	5300 87 312	F	Bracket			3
3	9684 05 0508	ith .ts M 5 X 5	Hexagon socket head set-screw, M5)<5			12
4	9721 04 0008	E E — 4	E-Ring, E-4			3
5	90 203	'<7 625Z Z	Bearing, 625ZZ			3
6	5290 87 316	7-4	Arm			3
7	5290 87 317	V F	Stud			3
8	9710 05 0008	M 5	Spring washer, M5			3
9	9660 05 0014	M 5	Hexagon nut, M5			3
• 10	5310 87 314	7 I-	Shaft	5310 87 310	10 • 11 • 23	3
• 11	5290 87 319	1) .) /	Gripper stand	5310 87 310	10 • 11 • 23	15
12	9410 30 2008	A79 .:J't°.i 03 X20	Spring pin, 03X 20			3
14	9670 05 1001	i 1 fiL· F M 5 x10	Hexagon socket head bolt, M5 X10			12
15	5290 87 315	t 7 —	Collar			3
16	5310 87 313	7 I-	Shatt			3
17	5290 87 321		Spring			6
18	5290 87 323	)	Spring suspender			6
19	5290 87 318	)	Gripper			15
21	9670 06 1608	1171i /L F M 6 X16	Hexagon socket head bolt, M6 X 16			15
22	5300 87 311	7	Bracket			3
23	5290 87 322	775	Bracket	5310 87 310	10 • 11 23	3
24	9410 3016 08	A7'')>/e> 03 X16	Spring pin, 03 X16			15
25	90 853	MI* >7	Joint link			6
26	9411 3016 00	03 X 16	Taper pin, 43 3 x 16			1
27	9411 3020 00	x 20	Taper pin, 0 3 x 20			1

3- - ., Y 9 7 -g5 182 CHAIN GRIPPER SECTION

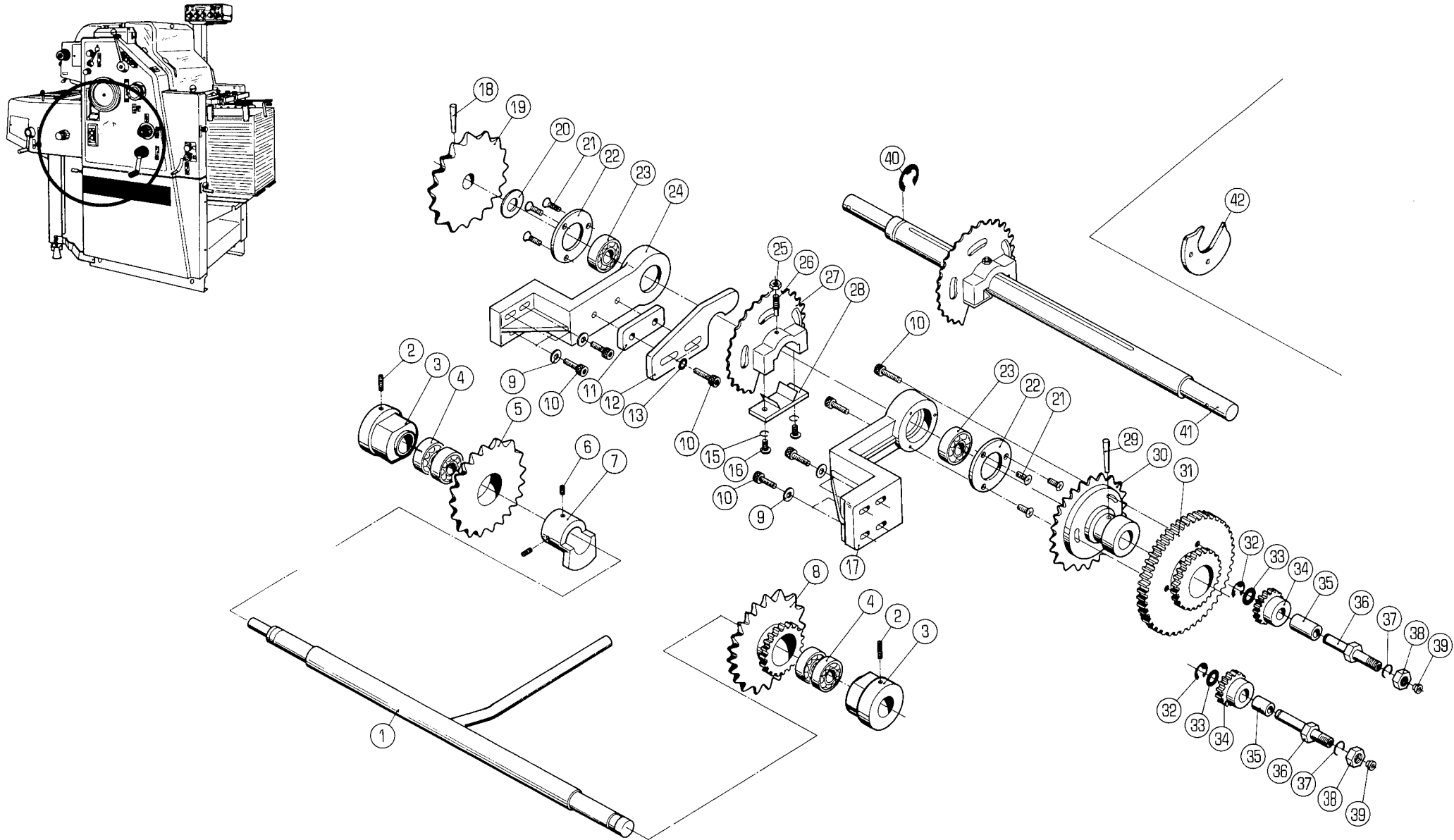


DRIVING AND DRIVEN SHAFTS SECTION

*.:Official*ATittitGT
Note: When ordering items marked * indicate the set numbers because they are available in set on

NO.	PARTS NO.	113	PARTS NAME	SET NO.	COMPONENT PARTS NO.	IN Q'ty
31	5300 87 121	*A- —	Gear			1
32	9721 10 0008	E E —10	E-Ring, E-10			2
33	5290 29 311		Washer			2
34	5290 43 112		Gear			2
35	5290 37 121		Bushing			2
36	5290 86 111	A 31 V K	Stud			2
37	9710 10 0008	/ c/t* M10	Spring washer, M10			2
38	9660 10 0014	tc t M10	Hexagon nut, M10			2
39	91 250	71' -f1143	Oil cup			2
40	9721 15 0008	E E —15	E-Ring, E-15			1
41	5310 87 111	t 7 I-	Shaft			1
42	5300 86 113	/1/01VV/-t.1...	Impression cylinder gripper cam			1

Fig. 91 180 DRIVING AND DRIVEN SHAFT SECTION



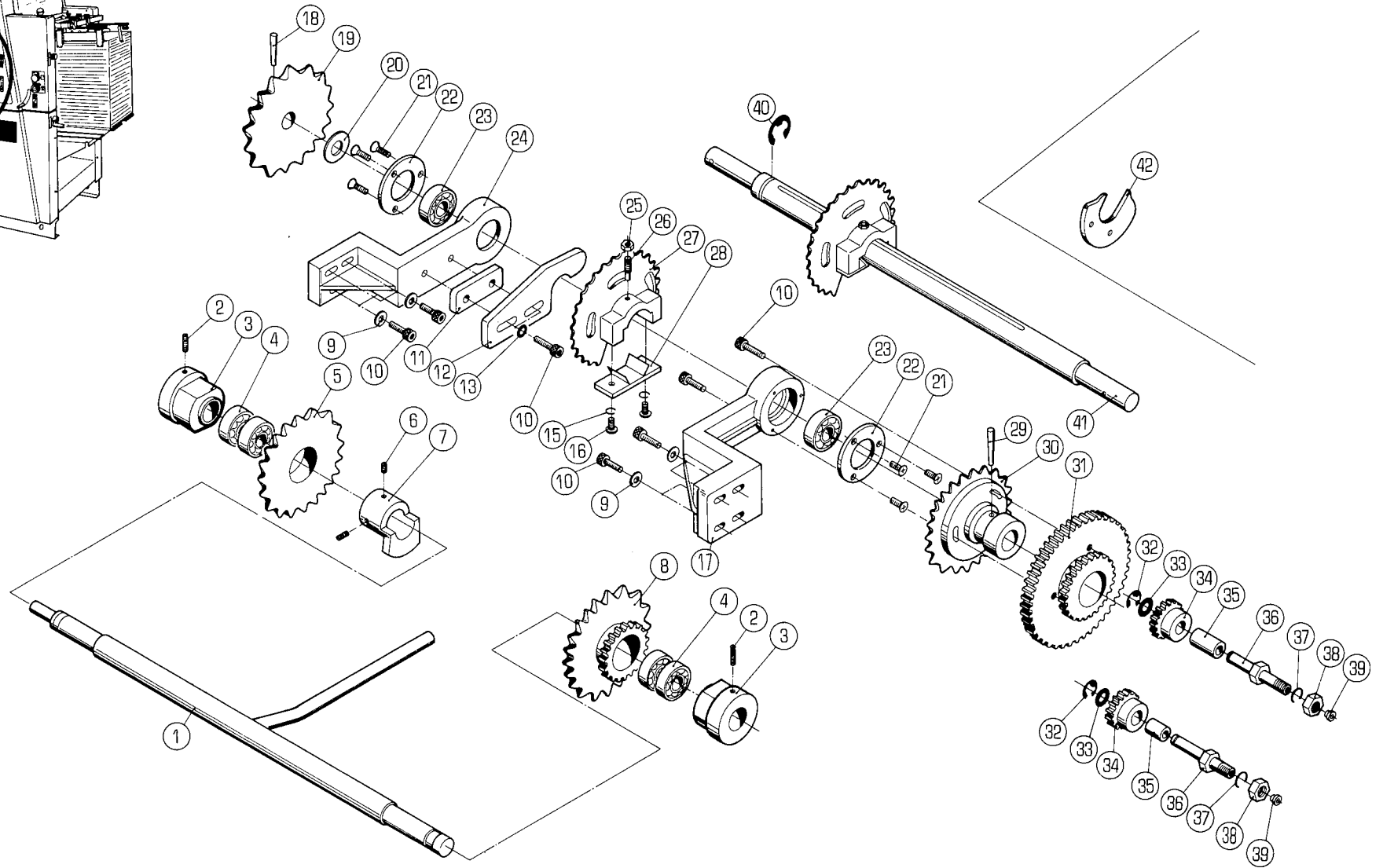
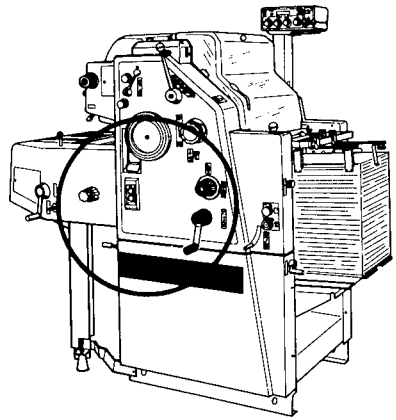
agiin • ?tat-flififi)RIVING AND DRIVEN SHAFTS SECTION

*ZOillealt*tenTIIIt3411_,T³** *T A•COT. 1-i141: TAST

Note: When ordering items marked * indicate the set numbers because they are available in set or,

NO.	iff1 PARTS NO.	it NO.	PARTS NAME	tz " I- * SET NO.	401i COMPONENT PARTS NO.	R PARTS NO.	Q'ty
1	5310 87 210	7 h	Shaft				1
2	9684 06 1208	firik'it ,k 4s M 6 x12	Hexagon socket head set-screw, M6 x12				2
3	5300 87 214-1		Holder				2
4	90 315	'< 7 ') > 6003 Z Z	Bearing 6003ZZ				4.
5	5300 87 213	A7° 0 7	Sprocket				1
6	9684 06 0608	firtkiltIE M 6 x 6	Hexagon socket head set-screw, M6 x6				2
7	5310 87 522		Cam				1
8	5300 87 212	A7° 1:1 5 v In	Sprocket				1
9	5290 23 113		Washer				8
10	9670 06 2008	I rin 6 X20	Hexagon socket head bolt, M6 x20				12
11	5300 87 512	—	Spacer				1
12	5310 87 511	t L.	Cam				1
13	9716 06 0014	M 6	Plain washer, M6				2
15	9710 05 0014	M 5	Spring washer, M5				4
16	9642 05 1614	J~<1.1'.* M5 x16	Small pan head screw, M5 X16				4
17	5300 87 115-1	5	Bracket				1
18	9411 40 3600	04 x36	Taper pin, 04X3 6				1
19	5300 87 113	7° D /7	Sprocket				1
20	5300 87 118		Spacer				1
21	9648 05 1014	101/.I\ ts') M S X10	Small flush head screw, M5 x10				6
22	5290 26 124	/<7	Bearing cover				2
23	90 207	"< 7 6203L L B	Bearing 6203LLB				2
24	5300 87 116-1	7'5 7"	Bracket				1
25	9660 06 0014	In M 6	Hexagon nut, M6				2
26	9686 06 2008	IVA fzt.± ti 6 x 20	Hexagon socket head set-screw, M6 x 20				2
27	5300 87 131	fi-f	Guide				2
18	5290 87 140	7° 1,— In	Plate				2
19	9411 40 3200	el, 0 4 X32	Taper pin, Ø4x32				1
	5300 87 112	7° 17/ /7	Sprocket				1

178 DRIVING AND DRIVEN SHAFT SECTION



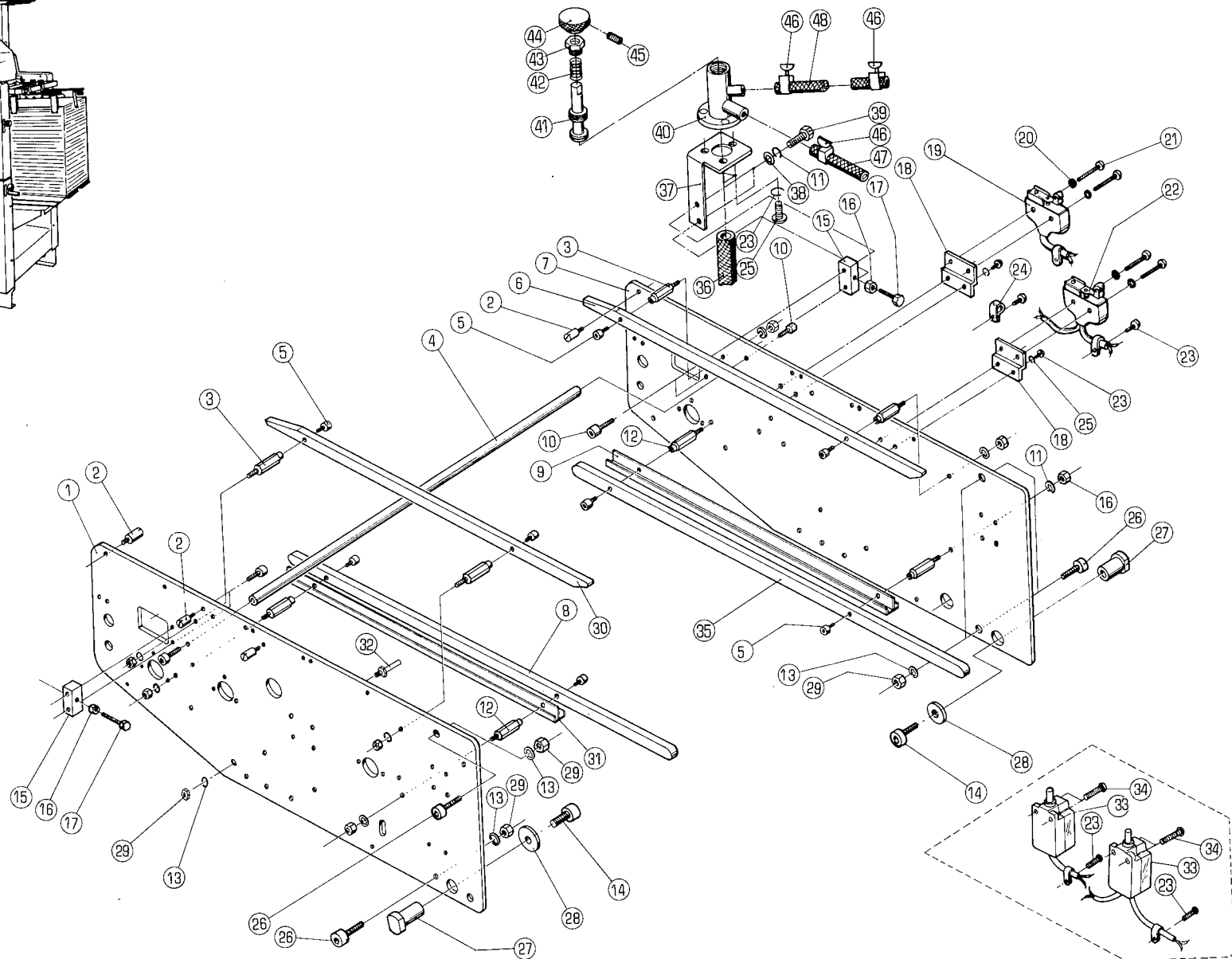
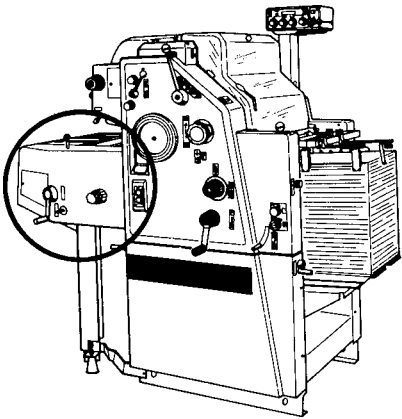
=RAM E SECTION

* ofif &IAEA`el\* 8irt 1-\*\*-ea3z`cF

Note: When ordering items marked * indicate the set numbers because they are available in set or

NO.	# 9 PARTS NO.	naltk	PARTS NAME	SET NO.	At A * 9 COMPONENT PARTS NO.	Si IA CY ty
31	5290 87.431-1	AN:	Oil receiver			1
32	5290 32 117	A I- v	Stopper			1
33	95 338		Switch (for 230V)			2
34	9642 04 1014		Small pan head screw, M4 X10 (for 230V)			4
35	5290 87 423	fi-(	Guide			1
36		*— A	Hose			1
37	5320 87 217	V- 7 7" V F-	Bracket			1
38	9716 06 0014	*lalk M 6	Plain washer, M6			2
39	9672 06 1214	Affiliit, F- M 6 X12	Hexagon bolt, M6 x12			2
40	5290 17 113		Valve			1
41	5290 17 114		Spindle			1
42	5290 17 115	A J ¹) .1i	Spring			1
43	5290 17 116	t/ —	Cover			1
44	5290 17 117	1 j	Knob			1
45	9684 05 0508	API 'A'itIE) ¹ .ts). M 5 X 5	Hexagon socket head set screw, M5 X5			1
46	91 211		Hose band			3
47	91 838	7N—A	Hose			1
48	91 220	*— A	Hose			1

7 V - Agis 176 FRAME SECTION

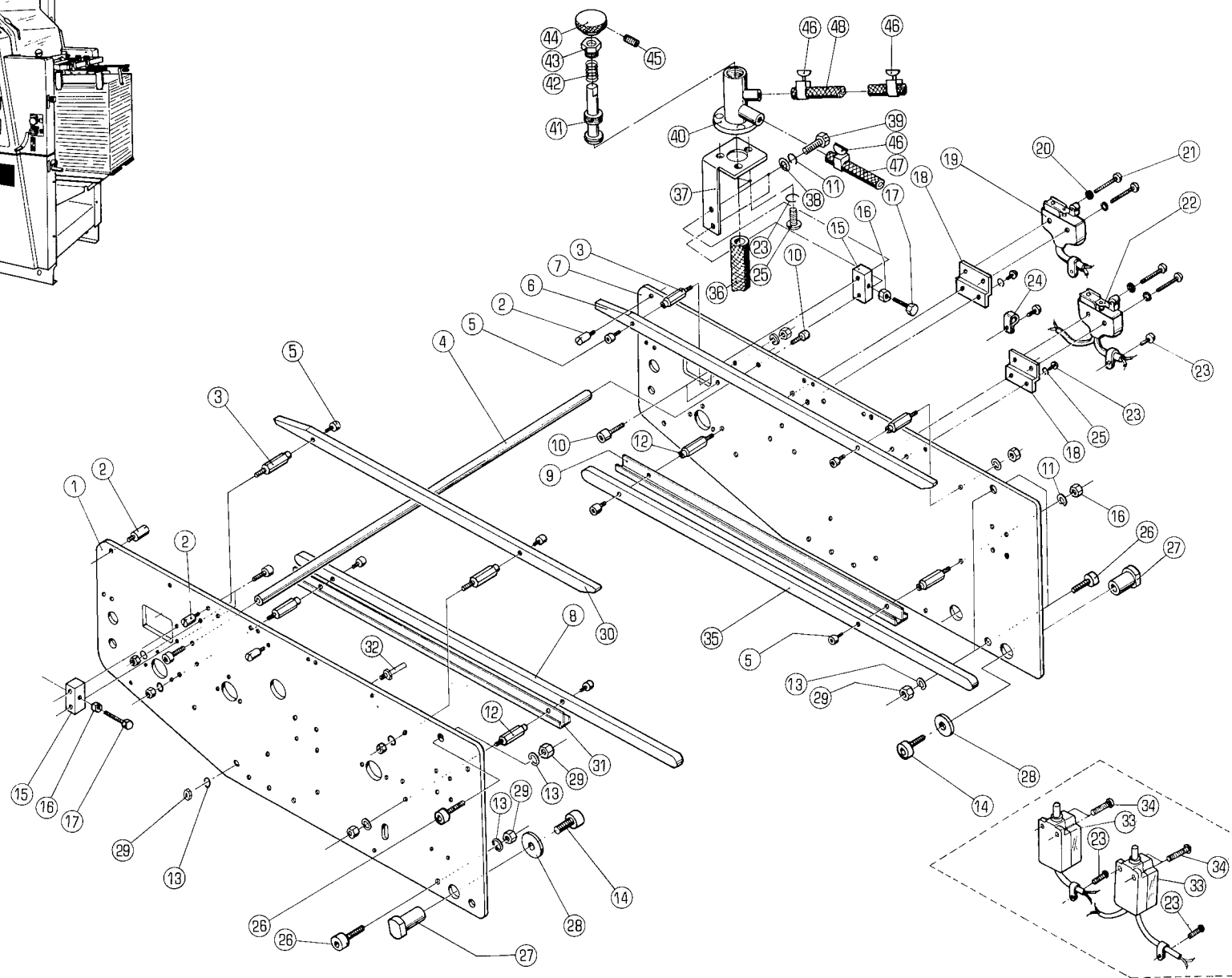
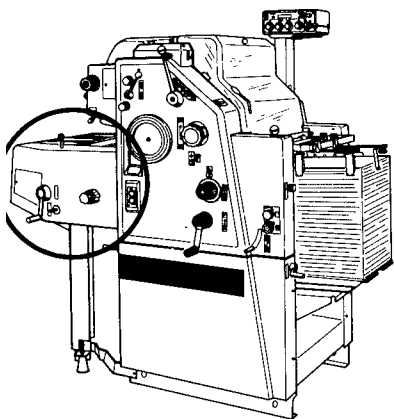


J L, —
FRAME SECTION

*.:0/043,11*ATI18211.-vt t A..0)1. i-to-Prea3t LT Ft O.
Note.. When ordering items marked * indicate the set numbers because they are available in set onl

NO.	* -* PARTS NO.	t *IF	PARTS NAME	% SET NO.	iiii COMPONENT PARTS NO.	MI Pt Q'ty
1	5300 86 211-3	7 Li—L.	Frame			1
2	5290 52 422		Pin			4
3	5290 87 421	y	Stud			4
4	5290 86 213	A5--	Stay			1
5	9670-04 1008	'c417K)t. M 4 x 10	Hexagon socket head bolt, M4 x10			8
6	5300 87 425		Guide			1
7	5300 86 212-3	7 L"--/-4	Frame			1
8	5310 87 423		Guide			1
9	5290 87 441	A.*	Oil reciver			1
10	9670 0612 08	All'A'11'7K)L' M 6 X12	Hexagon socket head bolt, M6 X 12			6
11	9710 06 0008	ic..11\$ M6	Spring washer, M6			10
12	5290 87 422	A	Stud			4
13	9710 08 0008	i•t-ft\$ M 8	Spring washer, M8			5
14	9670 08 1608	M 8 x16	Hexagon socket head bolt, M8 x16			2
15	5290 87 216		Block			2
16	9660 06 0014	Aftit M 6	Hexagon nut, M6			10
17	9672 06 3014	AsfiPii)1/l M 6 X30	Hexagon headed bolt, M6 x30			2
18	5290 89 616	j'5 7	Bracket			2
19	95 115	A -f	Switch cover			2
20	9716 04 0014	. 11k M 4	Plain washer, M4			4
21	9642 04 2514	M 4 X25	Small pan head screw, M5 X 25			4
22	95 111	-f	Switch			2
23	9642 05 1014	M 5 X10	Small pan head screw, M5 x10			12
24	95 150	>7	Clamp			6
15	9710 05 0008	M 5	Spring washer, M5			4
	9670 08 3508	%CA M 8 X35	Hexagon socket head bolt, M8 x 35			4
7	5290 86 413	Iv	Bushing			2
8	5290 24 126	at	Washer			2
9	9660 08 0014	Aft M 8	Hexagon nut, M8			5
0	5300 87 424	t	Guide			1

7 I, -A П 174 FRAME SECTION



CHAIN DELIVERY UNIT

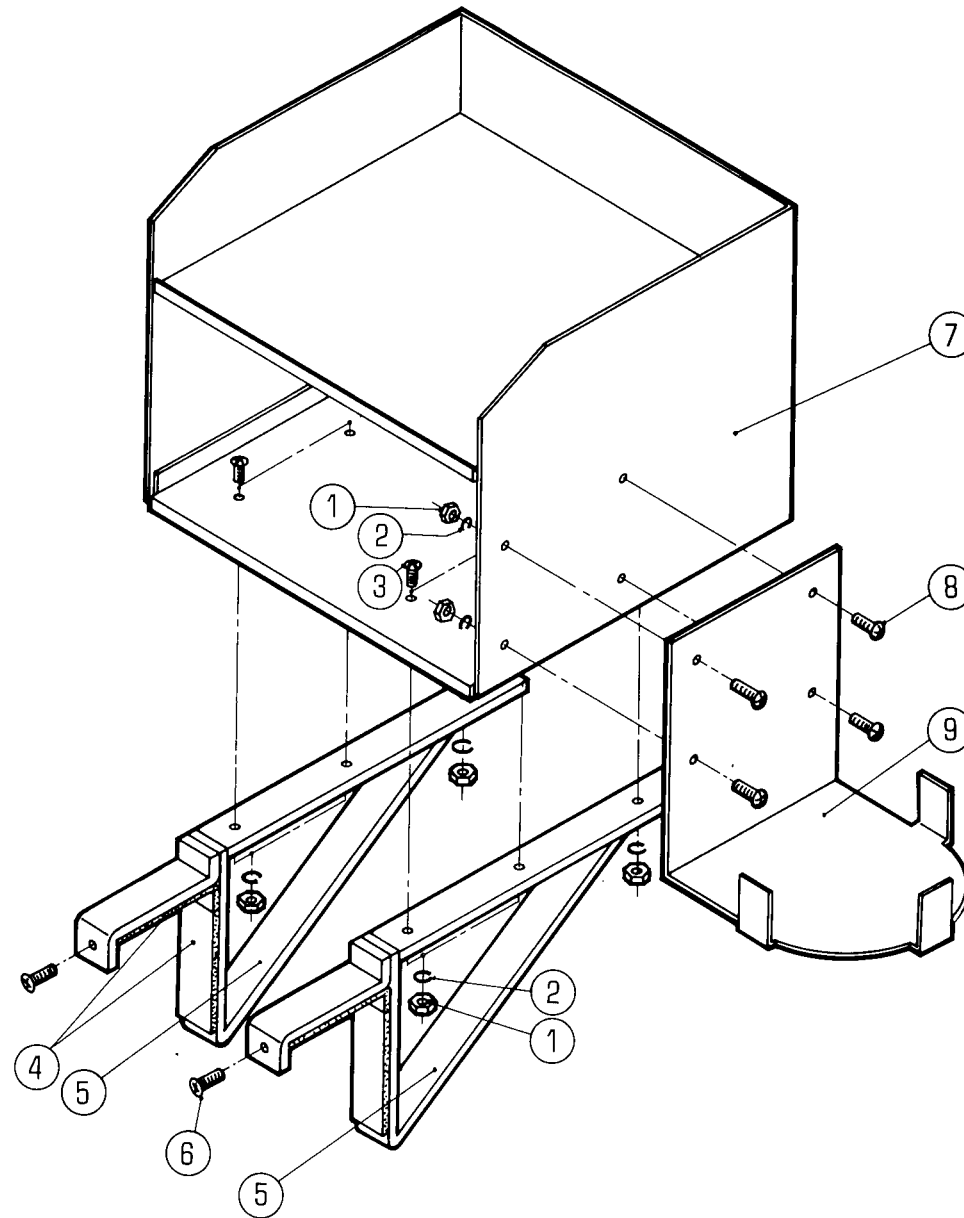
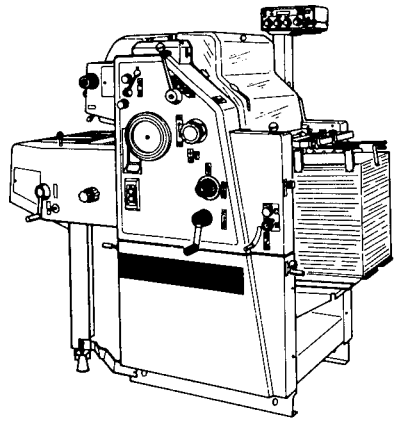
r Ax1411s
NORK SHELF SECTION

Offidllt*AVII8511 Lt***dA.0)V, 1- #4- Ca3Z1.. CF

Note: When ordering items marked * indicate the set numbers because they are available in set onl.

NO.	PARTS NO.	PARTS NAME	SET NO.	COMPONENT PARTS NO.	Q'ty
1	9660 0500 14	M5			10
2	9710 05 0008	M 5			10
3	9642 05 1614	M 5 X16			8
4	5290 65 214				4
5	5320 65 213				2
6	9648 05 1014	M 5 X10			2
7	5320 65 211				1
8	9642 05 1014	M 5 X10			4
9	5320 65 212				1

fr tif 170 WORK SHELF SECTION



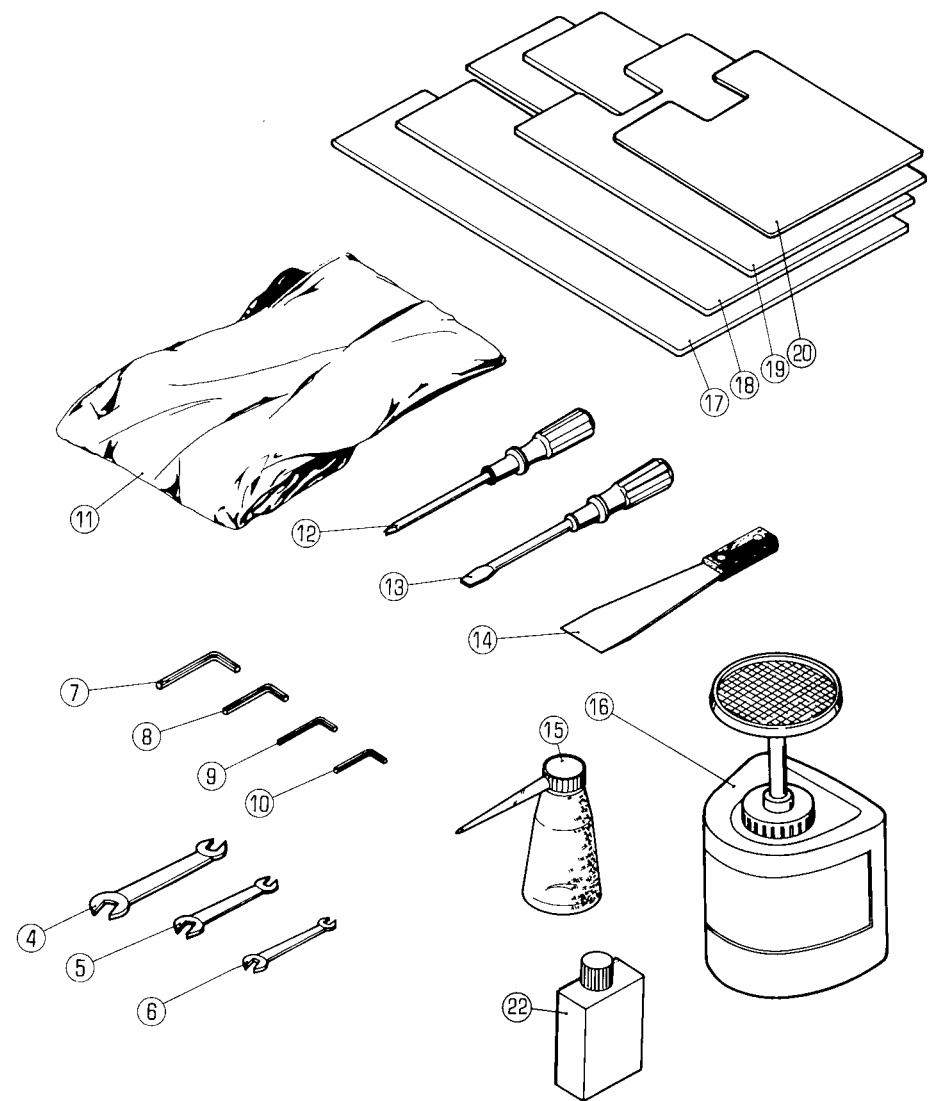
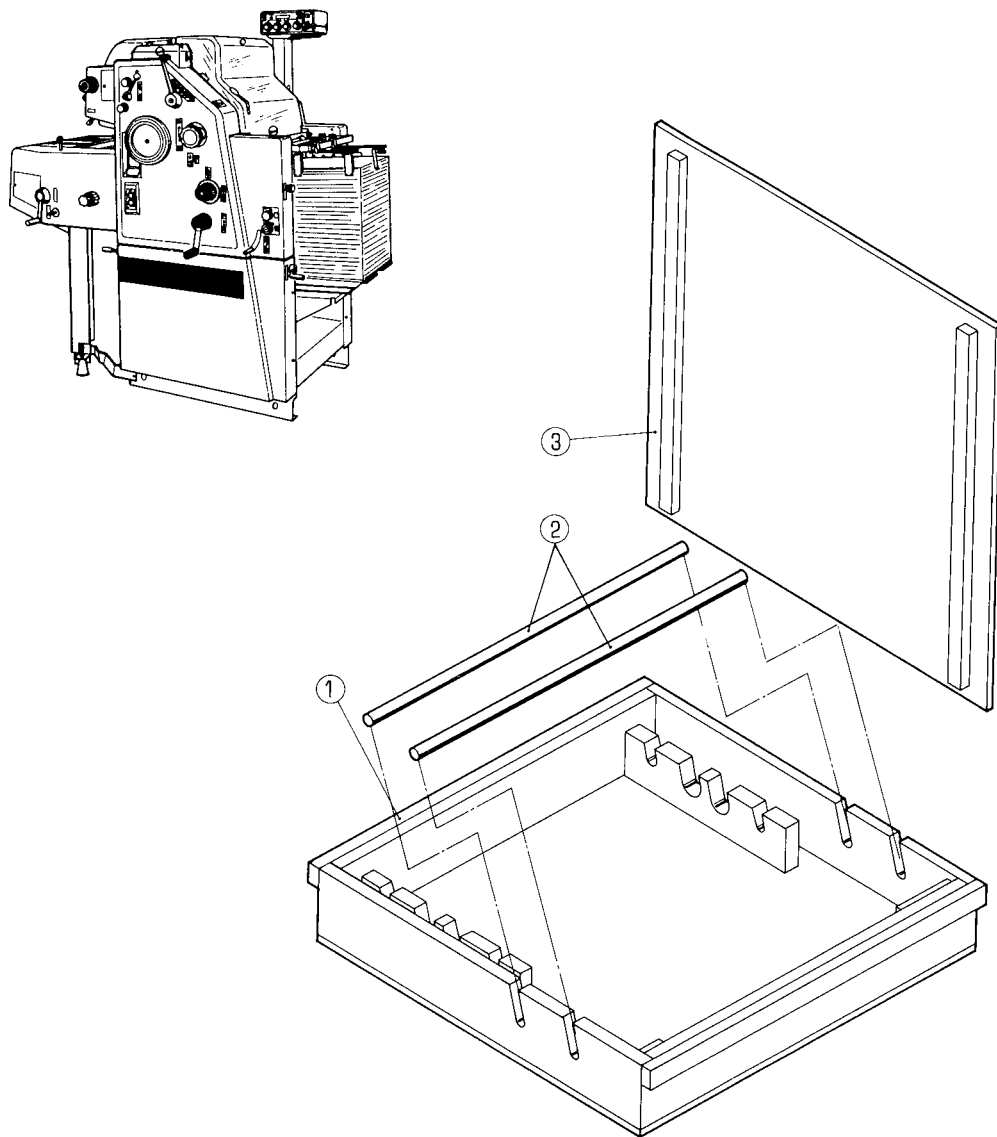
ACCESSORIES SECTION

*Z0ifiSAII-titATItta

1- *4-TaSt Lt FL'.

Note: When ordering items marked * indicate the set numbers because they are available in set onl

NO.	# 9- PARTS NO.	iff3 t	PARTS NAME	SET NO.	COMPONENT PARTS NO.	aty
1	5322 65 111	- 5 -	Roller box			1
2	5310 65 113	t	Shaft			1
3	5310 65 112		Cover			1
4	91 400	17X19	Wrench, 17X19			1
5	91 401	13X17	Wrench, 13 X 17			1
6	91 402	8 x 10	Wrench, 8 x 10			1
7	91 420	7t#14) 5	Hexagon union wrench, 5			1
8	91 421	i'Kftif* - 4	Hexagon union wrench, 4			1
9	91 422	'Icfii4t#A/J 3	Hexagon union wrench, 3			1
10	91 423	Af9 4A/J 2.5	Hexagon union wrench, 2.5			1
11	5310 65 414		Cover			1
12	91 430		Driver 4'			1
13	91 431	-5 -	Driver —			1
14	96 010	"N5	Spatula			1
15	91 500	-f	Oiler			1
16	5430 83 100		Plunger can			1
7	5310 31 154	TiSt 4 k	Mat (LL)			1
8	5290 31 153	Tt	Mat (L)			1
9	5290 31 152		Mat (M)			1
0	5290 31 151	Fe	Mat (S)			1
2	91 532	At./ 7°M	Oil for pump			



ACCESSORIES

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SAFETY COVER SECTION

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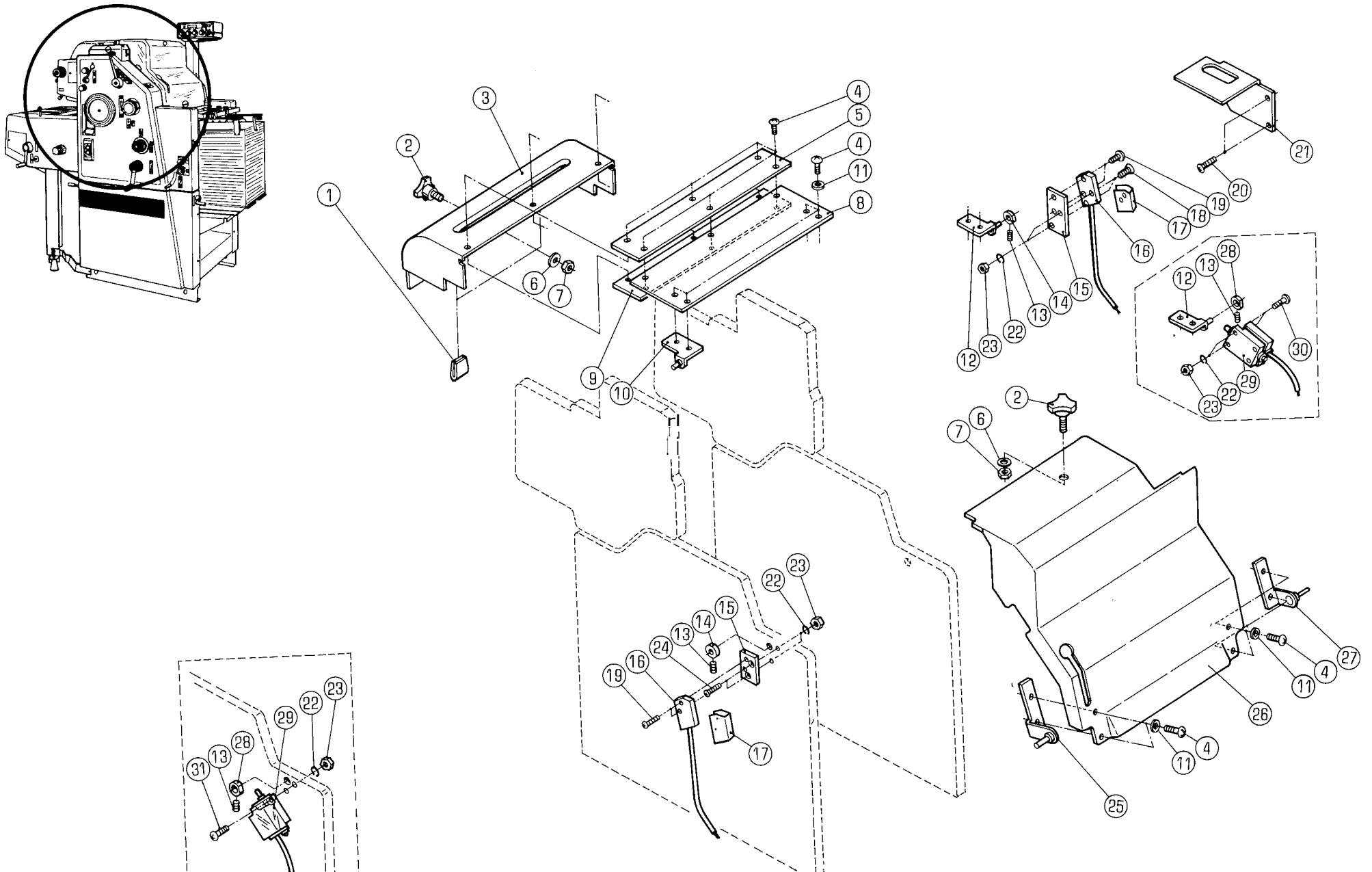
Note: When ordering items marked * indicate the set numbers because they are available in set on

NO.	lea A 9 PARTS NO.		PARTS NAME	t SET NO.	ft 9 COMPONENT	41 fil It 4 i PARTS NO.	41 It cy y
1	9642 05.1014	.1\4=') M 5 x10	Small pan head screw, M5 x10				16
2	9710 05 0003	/\"11k M 5	Spring washer, M5				12
3	5300 75 017	7 h	Bracket				6
4	5300 75 016	j'7'r' f-	Bracket				6
5	5310 75 012	a7	Cover				1
6	5310 75 011	J3/ —	Cover				1
	9642 04 0814	t/</1`31'') M 4 X 8	Small pan head screw, M4 x 8				16
8	5310 75 015		Cover				1
9	5310 75 018		Cover				1
10	5310 75 019	)3/ —	Cover				1
11	5310 75 013		Cover				1
12	5310 75 014	)]/ —	Cover				1
13	90 651	G S) G S —6	GS-Ring, GS-6				1
14	5310 75 021		Cover				1
15	90 310	M 6 X 8	Screw, M6 x				1
16	9660 0400 14	t M 4	Hexagon nut, M4				2
17	5310 61 134		Cover				1

***CONTRatigifiCeit8at UT**t/v0V, 1.**TASC LI,**
Note: When ordering items marked * indicate the set numbers because they are available in set of

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V93/•---fiis 162 SAFETY COVER SECTION

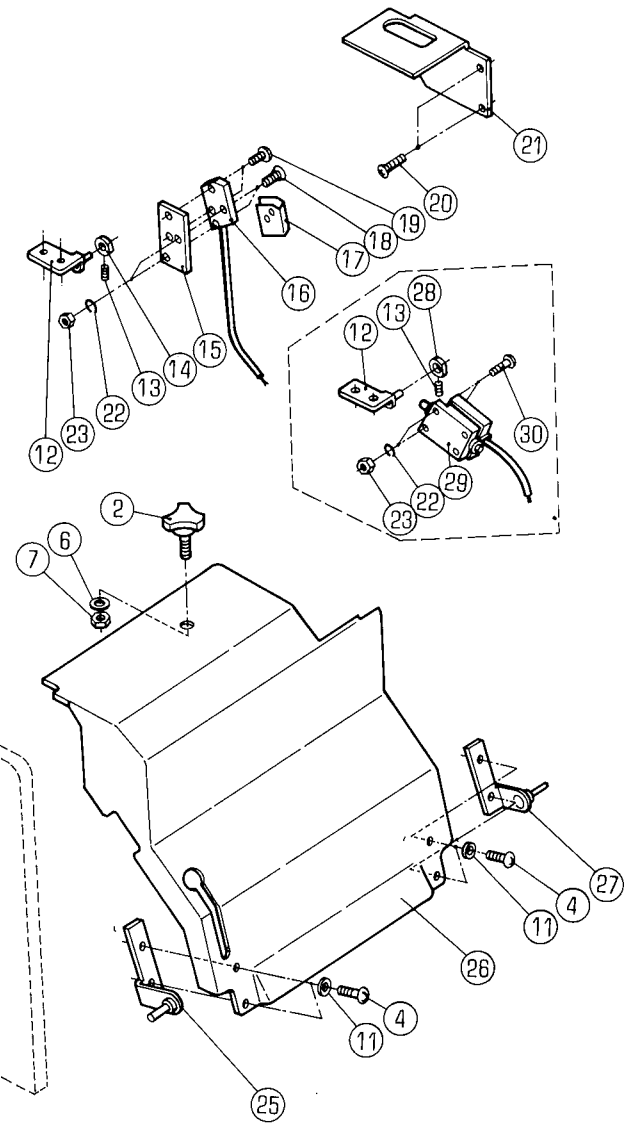
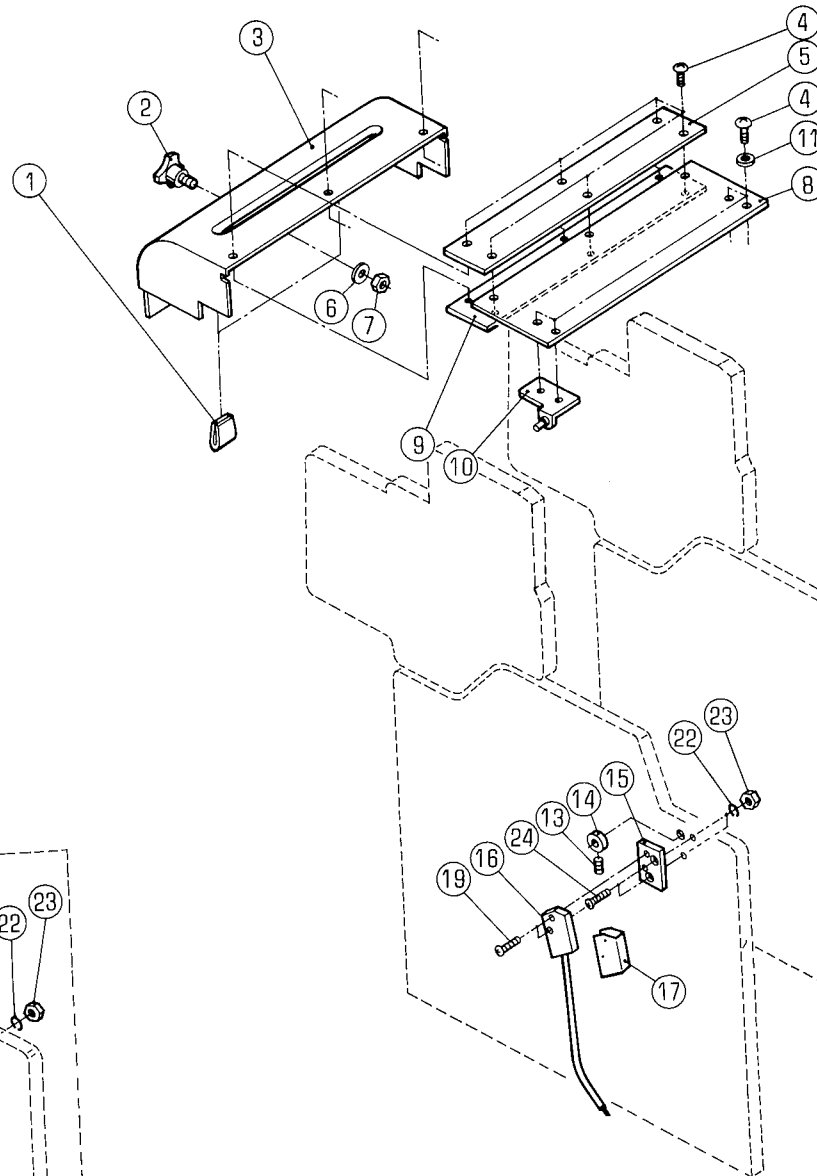
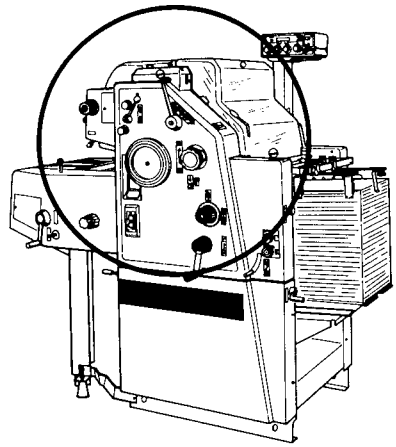


SAFETY COVER SECTION

*zo)ifficitiA C1*811EL C**V4,0V, 1-WIIVA5[1. C F
Note: When ordering items marked * indicate the set numbers because they are available in set or

NO.	PARTS NO.	41347:1 1.ft	PARTS NAME	SET NO.	COMPONENT PARTS NO.	Wet Qty
1	5295 75 064	711, h'y /-	Rubber stopper			2
2	90 740	J 7',1JLF M 5 x 15	Knob bolt, M5 x 15			2
3	5320 75 451-1		Cover			1
4	9642 0410 14	M 4 x 10	Small pan head screw, M4 x 10			14
5	5322 75 453	71. —I	Plate			1
6	9716 0500 14	M 5	Plain washer, M5			2
7	9660 0500 14	vh M5	Hexagon nut, M5			2
8	5322 75 451	1311—	Cover			1
9	5322 75 452	7Id	Plate			1
10	5295 75 040		Hinge			1
11	9716 0400 14	M 4	Plain washer, M4			8
12	5322 75 020		Hinge			1
13	9684 0505 08	ill * m 5 x 5	Hexagon socket head set-screw, M5 x 5			2
14	5290 75 031	13	Cam			2
15	5290 76 022	I..	Bracket			2
16	95 113	4	Switch			2
17	5290 76 023	4 · 1V—	Switch cover			2
18	9648 0430 14	1111/1\ *F.; M 4 x 30	Small flush head screw, M4 x 30			2
19	9642 0314 14	t•s*/.1*E; M 3 x 14	Small pan head screw, M3 x 14			4
20	9648 0410 14	1111/1\ *-.; M 4 x 10	Small flush head screw, M4 x 10			2
21	5322 75 112		Cover			1
22	9710 0400 08	il*Ek* M 4	Spring washer, M4			4
23	9660 0400 14	illt VF M4	Hexagon nut, M4			4
24	9648 0418 14	1111/1\ *i*.; M 4 x 18	Small flush head screw, M4 x 18			2
25	5295 76 020		Hinge			1
	5322 75 111		Cover			1
7	5295 76 030		Hinge			1
8	5295 75 031-1		Switch cam (for 230V)			2
9	95 338		Switch (for 230V)			2
0	9642 0440 14		Small pan head screw, M4 x 40 (for 230V)			2

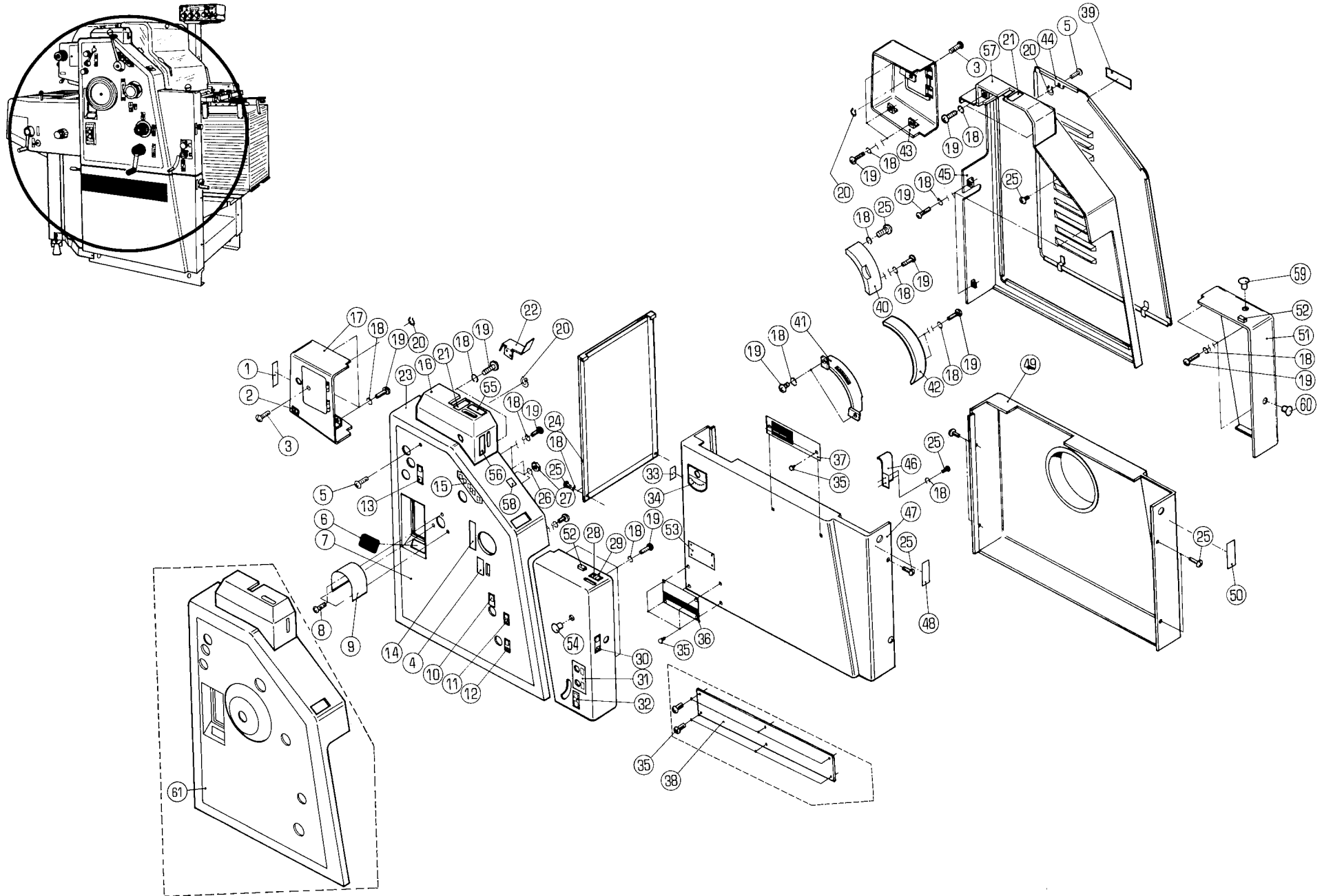
—fits 160 SAFETY COVER SECTION



***C0161111,1111kift elttlt LV**tA.0`e, L`cF**
Note: When ordering items marked * indicate the at numbers because they are available in set or

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-M,3 158 COVER SECTION



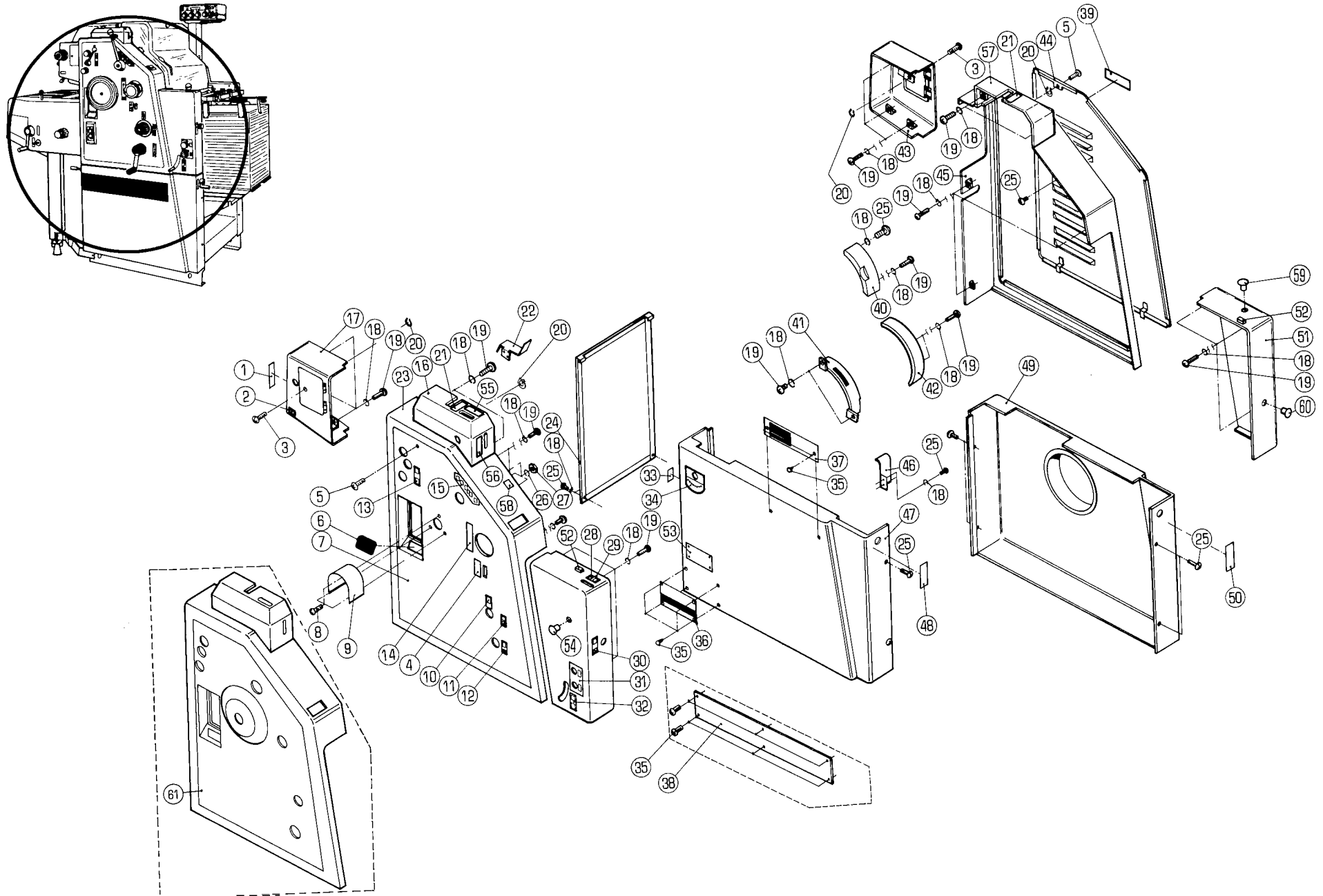
COVER SECTION

0)1for11311*ATit8S 1.-T**tivCD`C, 1.4"-easc L C-F

Note: When ordering items marked * indicate the set numbers because they are available in set or

NO.	en it* PARTS NO.	PARTS NAME	SET NO.	COMPONENT PARTS NO.	Q'ty
24	5326 71 040	Delivery cover (Itek)			1
25	9642 05 1014	Small pan head screw, M5 x 10			19
26	9710 04 0008	Spring washer, M4			3
27	9660 04 0014	Hexagon nut, M4			3
28	5290 74 051	Indicator			1
29	5320 72 050-1	Feeder cover			1
29	5296 72 050-1	Feeder cover (Itek)			1
30	5290 74 052	Indicator			1
31	5290 74 053	Indicator			1
32	5290 74 054	Indicator			1
33	5290 74 064	Indicator			1
34	5320 74 065	Indicator (Itek)			1
35	90 760	Tapping screw, 3 x 6			4
36	5322 74 034	Electric name plate			1
36		Electric name plate (Itek, CPD)			1
36		Electric name plate (Itek, CPD—UL)			1
37		Name plate (Itek)			1
38	5322 74 032	Name plate			1
39	5322 74 071	Indicator			1
40	5322 73 060	Cylinder gear cover			1
41	5322 73 020-1	Cylinder gear cover			1
42	5290 73 030-1	Cylinder gear cover			1
43	5320 74 020	Ink cover			1
43	5296 74 020-1	Ink cover (Itek)			1
44	5322 72 040	Main inside cover			1
44	5326 72 040	Main inside cover (Itek)			1
45	5322 72 030	Main outside cover			1
45	5326 72 032	Main outside cover (Itek)			1
16	5295 73 071	Feed roller gear cover			1
17	5320 71 010	Bed cover			1

Ts —n 156 COVER SECTION

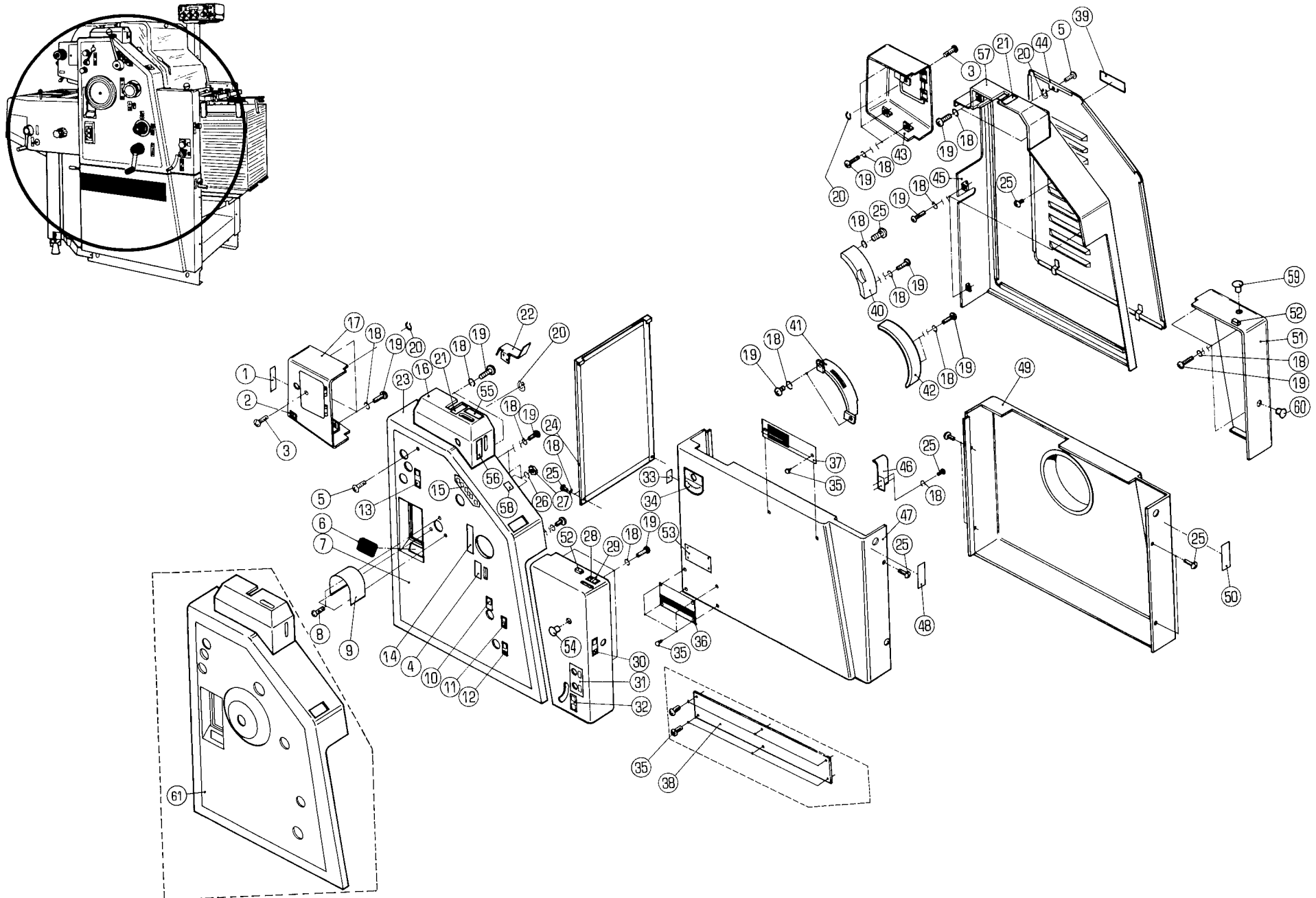


COVER SECTION

Otrightt*rra C "t /1#4Yea3t 'TT
Note: When ordering Items marked * indicate the set numbers because they are available in set on

NO.	fifien*-R PARTS NO.	1,5irfi4KiTIF	PARTS NAME	SET NO.	MAWR COMPONENT PARTS NO.	Qty
1	5290 74 063		Indicator			1
2	5290 74 066	-f -- 5'	Indicator			1
3	90 810	*	Screw			2
4	5322 74 084		Indicator			1
5	90 811	* M 6 x 16	Screw, M6 x 16			2
6	5290 72 071	j3/*—	Cover			1
7	5322 72 020		Main inside cover (for 115V • 230V)			1
7	5322 72 023	*1#14:d#4 1 ⁴ t/1 –				1
7	5326 72 020		Main inside cover (Itek)			1
8	9642 04 1014	/•x/.1*i:; M 4 x 10	Small pan head screw, M4 x 10			3
9	5320 72 022		Cover			1
9	5296 72 022		Cover (Itek)			1
10	5290 74 056	-f —	Indicator			1
11	5290 74 057	-f —5' —	Indicator			1
12	5290 74 059		Indicator			1
13	5290 74 061		Indicator			1
14	5322 74 037		Indicator			1
15	5322 74 058		Indicator			1
16	5322 72 081		Cover			1
16	5326 72 081		Cover (Itek)			1
17	5320 74 010-1		Cover			1
17	5326 74 010-1		Cover (Itek)			1
18	9710 0500 08	il*a* M 5	Spring washer, M5			32
19	9642 05 3014	1ev.h*:1% M 5 x 30	Small pan head screw, M5 x 30			23
20	90 651	GS GS — 6	GS-Ring, GS-6			4
11	5322 74 082	-f	Indicator			2
2	5290 73 081	)311-	Cover			1
3	5322 72 010	**7 'Y it-f /3/' —	Main outside cover			1
3	5326 72 010		Main outside cover (Itek)			1
4	5320 71 040	Mit)3 /l—	Delivery cover			1

154 COVER SECTION



COVER SECTION

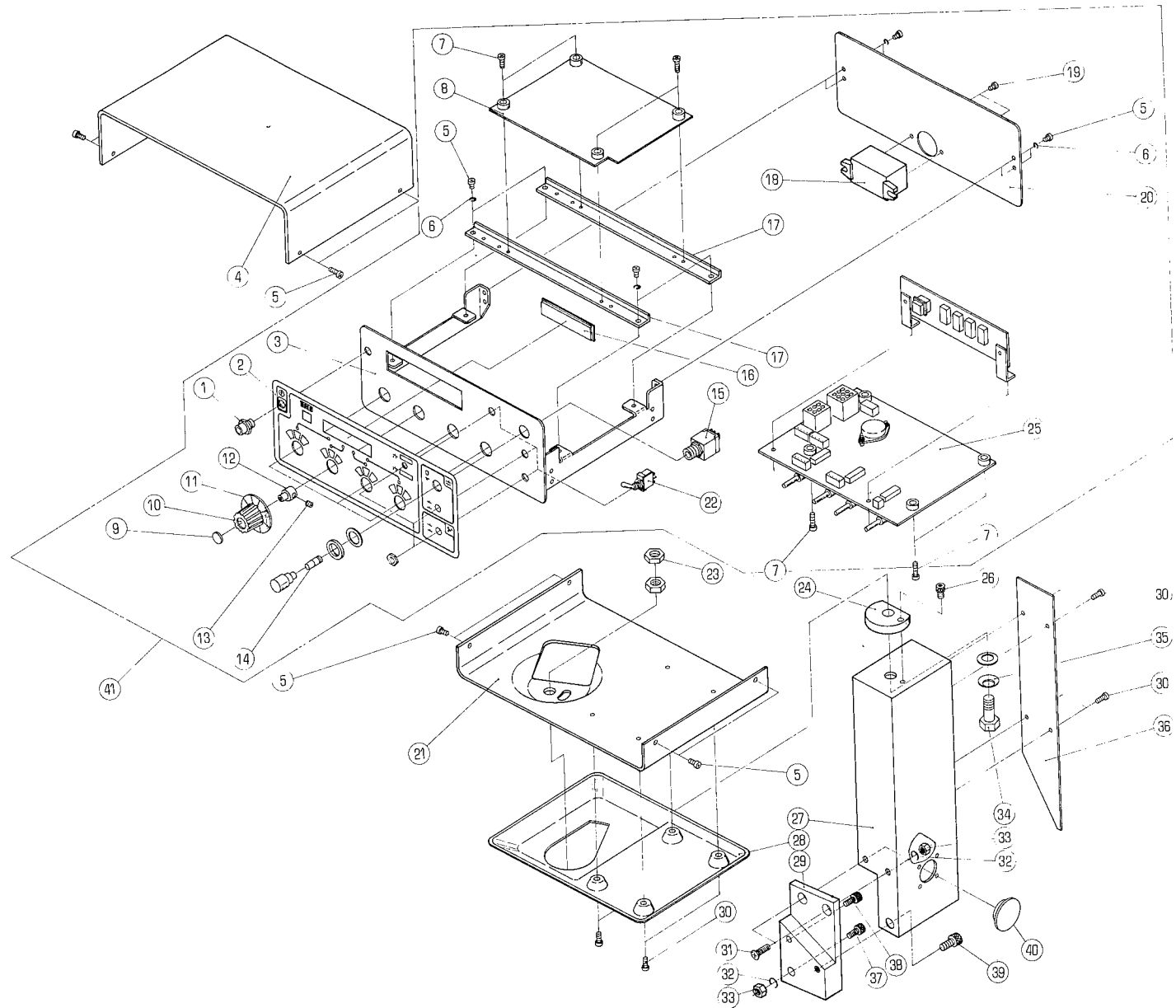
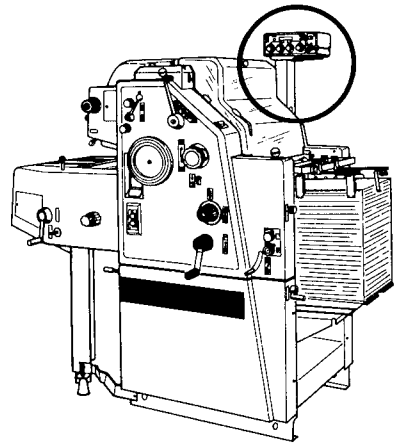
OPERATION BOX SECTION

* OffOrFalt*ItiaTII8111- "C**t',07Yr F-iparelticL`C1t0.

Note: When ordering items marked * indicate the set numbers because they are available in set on

NO.	bit # PARTS No.		PARTS NAME	SET NO.	fit iif COMPONENT PARTS NO.	oaty
27	5316 61 210-2		Stand (I tek)			1
28	5310 61 223	/C—	Cover			1
28	5316 61 223		Cover (I tek)			1
29	5320 61 226	j'7	Bracket			
30	9642 04 0814	M4 X 8	Small pan head screw, M4X 8			4
31	9648 06 1214	1111/1*ts') M 6 X12	Small flush head screw, M6 x12			2
32	9710 06 0008	M 6	Spring washer, M6			3
33	9660 06 0014	Aftit M 6	Hexagon nut, M6			3
34	9672 10 2514	AftpKilr MI0X25	Hexagon bolt, M10 x 25			1
35	90 680		Leaf spring			2
36	5310 61 221	))/ —	Cover			
36	5316 61 221		Cover (I tek)			1
37	9670 06 2508	M 6 X25	Hexagon socket head bolt, M6 x25			1
38	9670 06 2008	AigrA'41'4i)l- M 6 x20	Hexagon socket head bolt, M6 x 20			1
39	9670 06 1208	fi350#71UL' F- M 6 X12	Hexagon socket head bolt, M6 X12			1
40	98 804	—J' / °	Hole plug			
41	98 132	9	Box Assy			1
41	98 133		Box Assy (I tek)			1
42	9642 04 0414	J' </1 4') M 4 X 4	Small pan head screw, M4 X 4			4

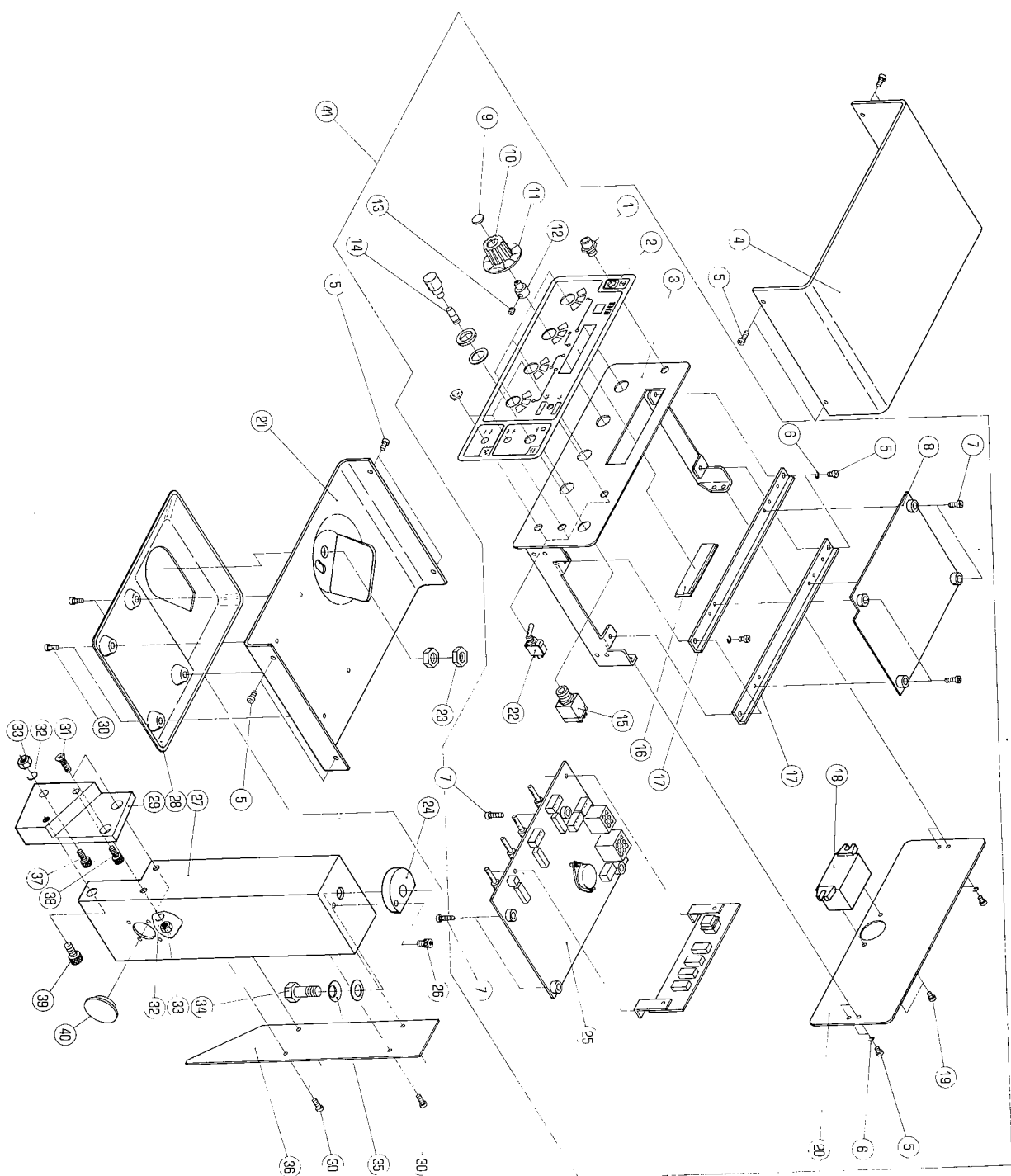
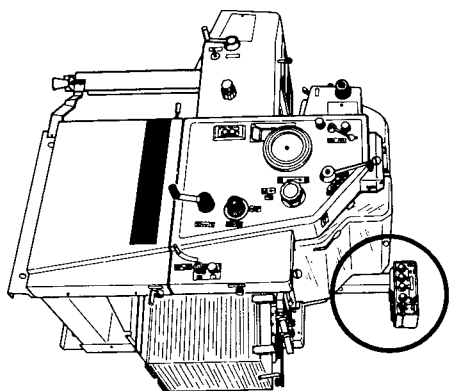
thi¹7N 7 A% 150 OPERATION BOX SECTION



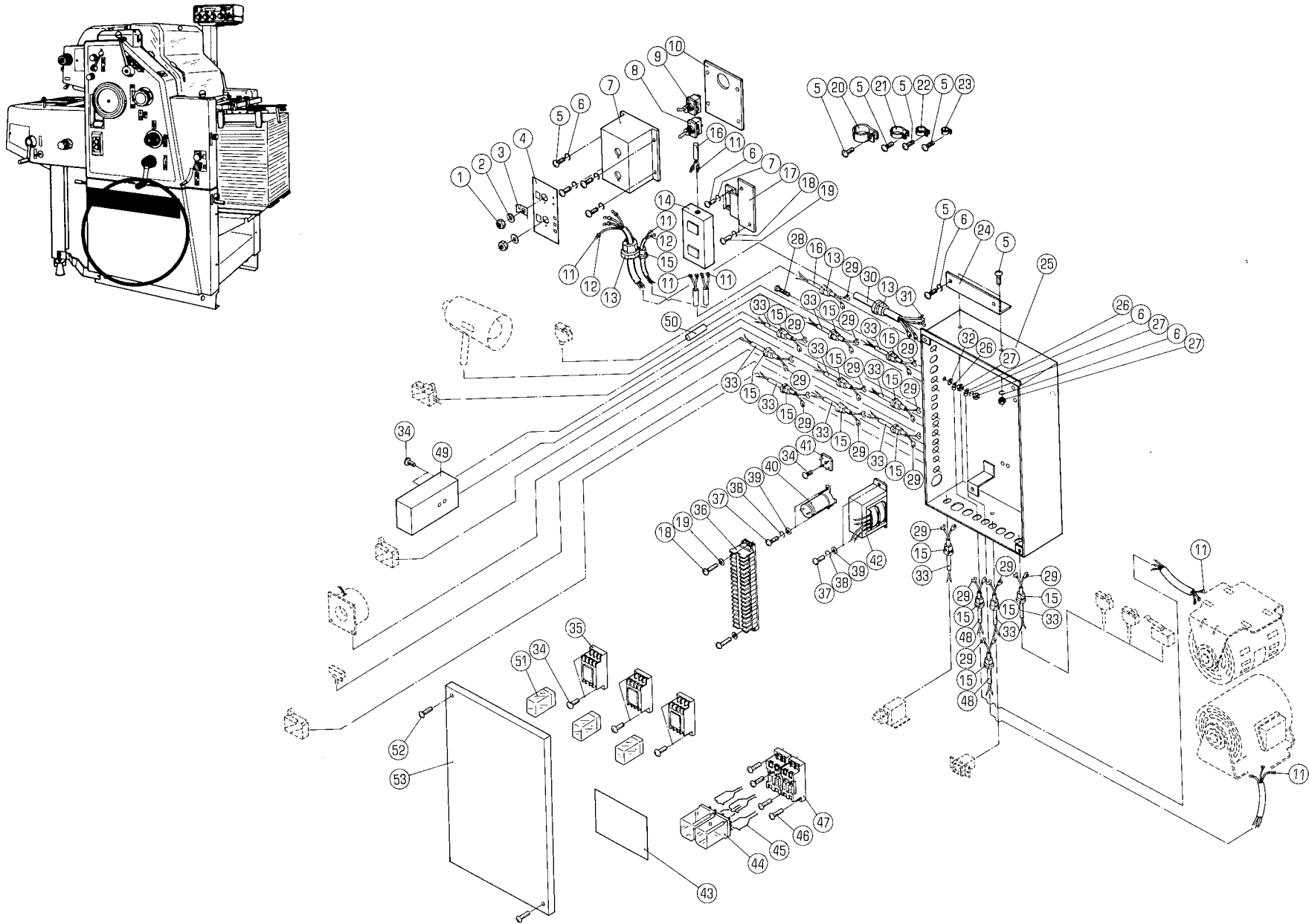
T5K1 F /I/% %
OPERATION. BOX SECTION

Officersil*AT ("t"rv(7) e, t "CT L'e
Note: When ordering items marked * indicate the set numbers becaus, they are available in set oni

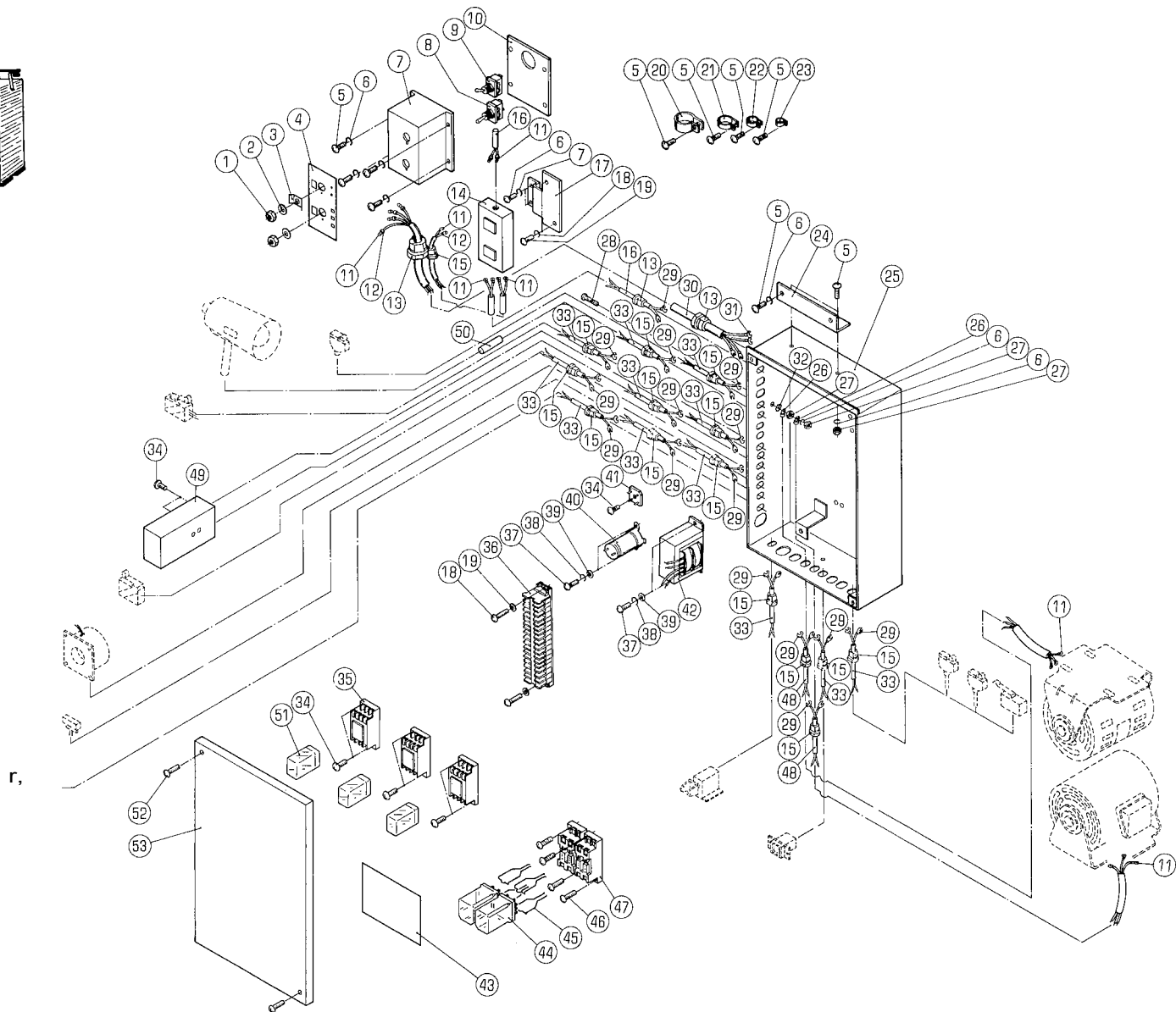
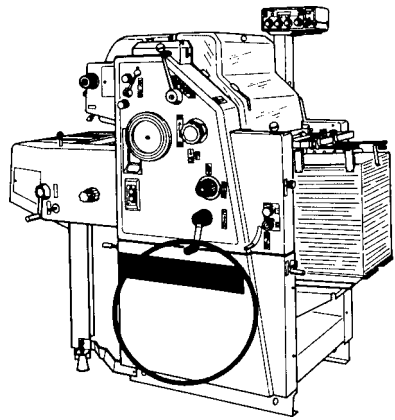
NO.	PARTS NO.	313 t 4	PARTS NAME	SET NO.	COMPONENT PARTS NO	IN Et Q'ty
1	98 901	>7'	Lamp			1
2	5320 61 241		Panel			1
2	5326 61 241		Panel (I tek)			1
3	5320 61 230	75 7	Bracket			1
4	5320 61 225	)3/ —	Cover			1
4	5326 61 225		Cover (I tek)			1
5	9642 0306 14		M 3 X 6			16
6	9710 03 0008		M 3			8
7	9642 03 1614	t </.1\ -")	M 3 X16			8
8	98 116	7 ¹) >	Printed circuit board			
9	96 814	.§)	Cap			4
10	96 811		Knob			4
11	96 826	HA	Scale			4
12	5310 61 245	a -f > F	Joint			4
13	9684 05 0508		M 5 X 5			4
14	96 500	72)7°	Lamp			1
15	97 570	A-f	Switch			1
16	5300 61 216	7 -f —	Filter			1
17	5320 61 244		Bar			2
18	99 938	—	Buzzer			1
19	90 760	9	03 X 6			2
20	5320 61 242	7 7	Back panel			1
	5320 61 224		Panel reservoir			1
!1	5326 61 224		Panel reservoir(' tek)			1
	97 423		Switch			3
3	9662 10 0014	icAtv 1-•	M10			2
4	5310 61 222		Spacer			1
5	98 136	4N	Printed circuit board			1
6	9670 04 1008	AA'4717ti)1.F	tvi 4 x10			1
7	5310 61 210-2	9 >F	Stand			1



NO.	PARTS NO.	311414.*ti	PARTS NAME	SET NO.	COMPONENT PARTS NO.	Q'ty
31	98 516	7				5
32	95 223		M 5 (04)			1
33	95 223	F				14
34	9642 0310 14	/~^A*?;;	M 3 x 10			8
35	97 271	!l -rt1				3
36	98 979					1
37	9642 0306 14		M 3 x 6			4
38	9710 0300 08	ii**Ft5t	M 3			4
39	9716 0300 14	*1:1	M3			4
40	99 766		—			1
41	99 235	gtAft				1
42	97 942	I' 5-' A				1
43	5322 61 117	ria ja				1
44	95 160	U —				2
45	95 181	A7 ¹ l '				4
46	9642 04 1614	1 ev,1*,	M4 x16			4
47	95 180	—	h			2
48	98 304	7 - F				2
49	98 135	—	AMR			1
50	98 813	a-7				1
51	97 124	U				3
52	9642 0404 14	t's'/J4i3	M 4 x 4			2
i3	5322 61 112	—				1

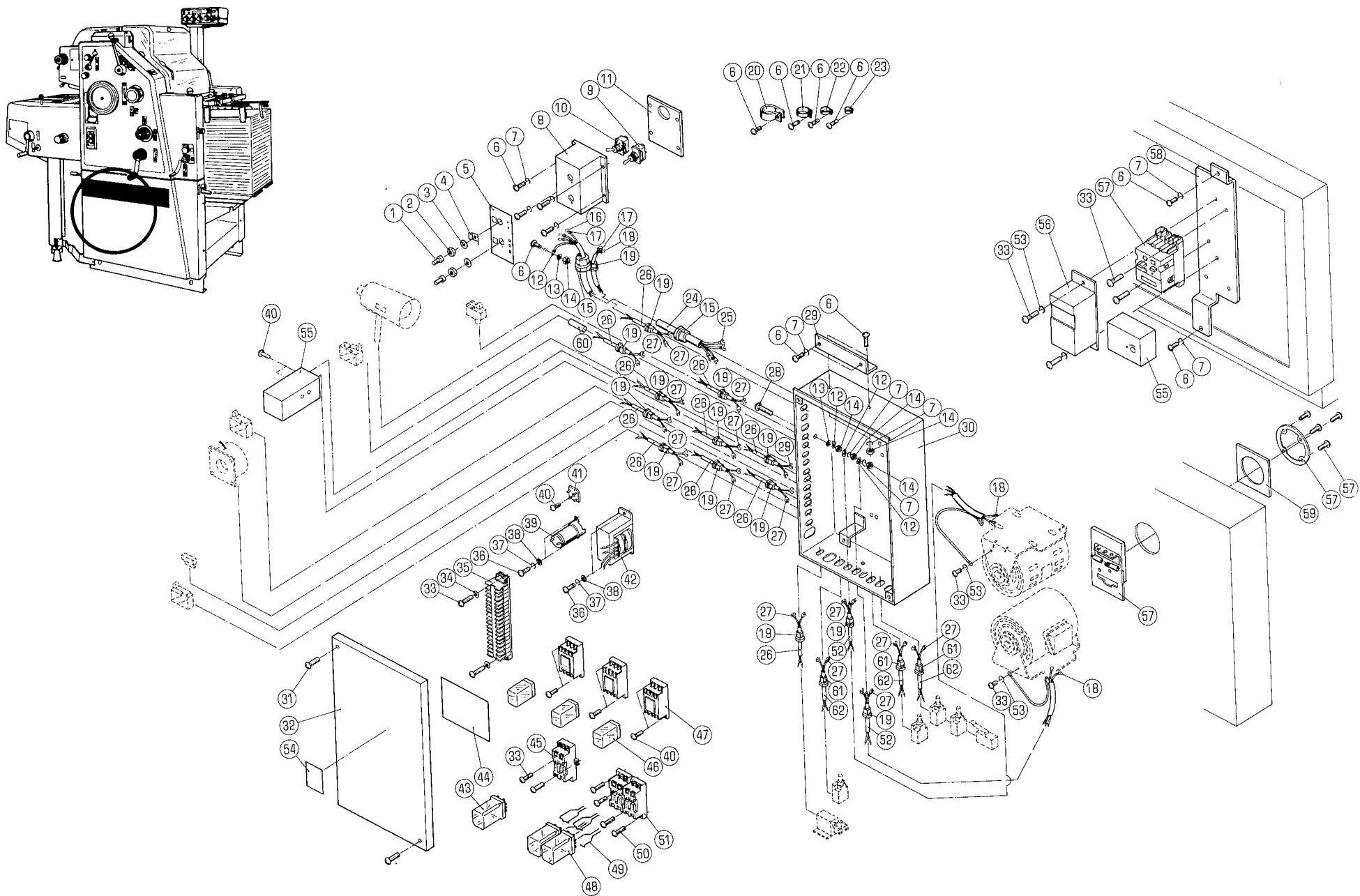


NO.	PARTS NO.	111 rAft	PARTS NAME	SET NO.	COMPONENT PARTS NO.	rc Q'ty
1	95 172	/- 7 F				2
2	95 173					2
3	5295 61 124					1
4	5290 83 311	%MR				1
5	9642 05 1014	fev.1*.;	M 5 x 10			36
6	9710 05 0008		M5			12
7	5295 61 121	4:7 A				1
8	95 171	A4 7				1
9	97 400	A4 7				1
10	5290 61 123-1					1
11	95 244	4 T.				14
12	95 250					4
13	95 143	7 E,:ry				3
14	97 717	A-f				1
15	95 140	7 E,:•/'				14
16	98 336	—1 ⁴ 75 "(95192)1t				1
17	5295 61 131	7"v7 %				1
18	9642 04 1014	t.1*::;	M 4 x 10			4
19	9716 04 0014		M8			6
20	95 151					2
21	95 152	5				11
22	98 806					1
23	95 150	.1-7				10
24	5290 61 113	75/				2
25	5322 61 111-1	7K'2				1
26	98 517					2
27	9660 05 0014	At'YF	M5			6
28	9642 05 2514	/—x/.1*i)	M 5 x 25			1
29	95 242					28
30	98 306	1 ⁴				1



Note: When ordering item marked * indicate the set numbers because they are available in set only

NO.	部品番号 PARTS NO.	iflien4SVF	PARTS NAME	1-11F-of SET NO.	111M1F-g COMPONENT PARTS NO.	*ft O'ty
61	95 143		Bushing			3
62	98 305		Cord			3



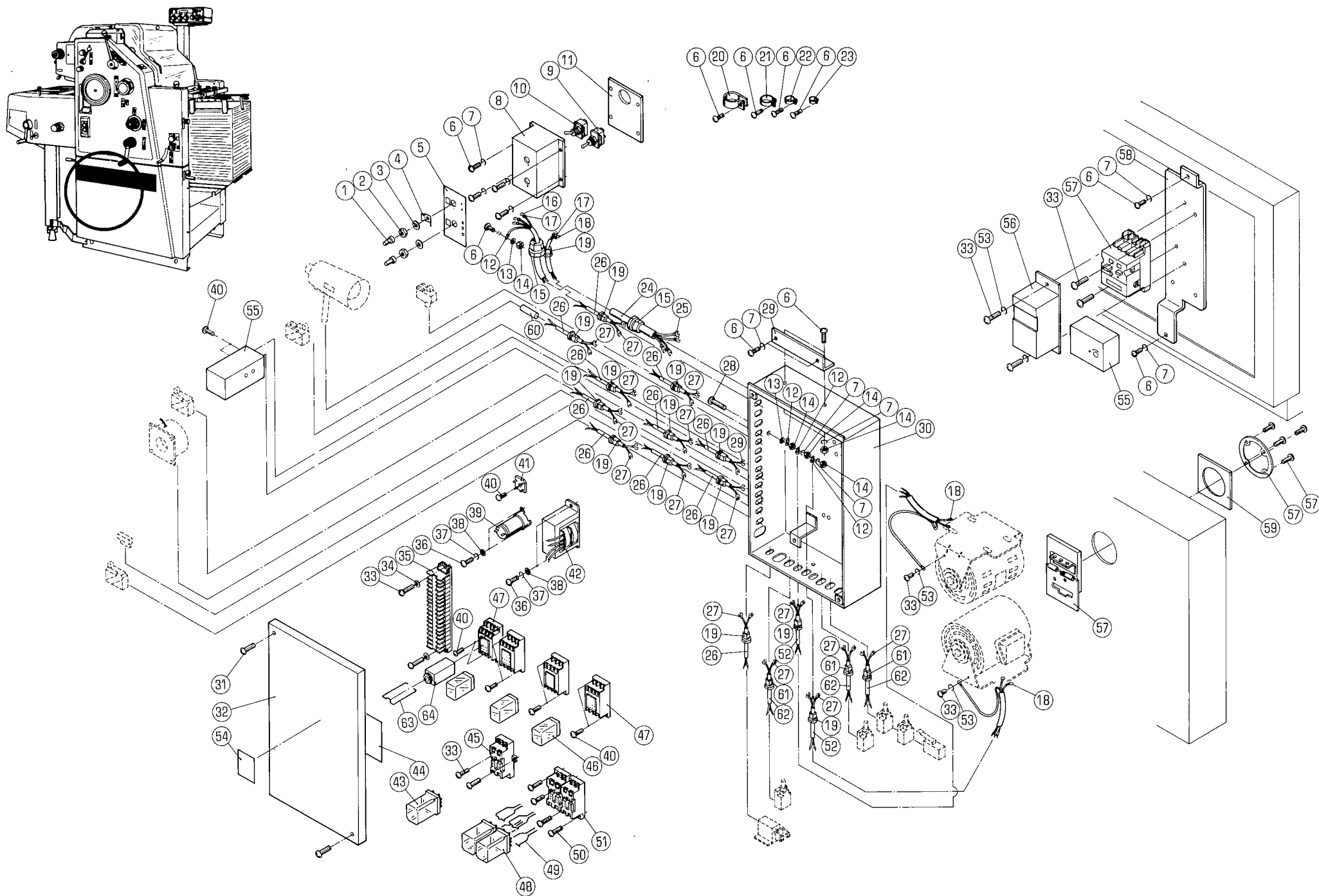
ELECTRICAL SECTION 230V AVAILABLE

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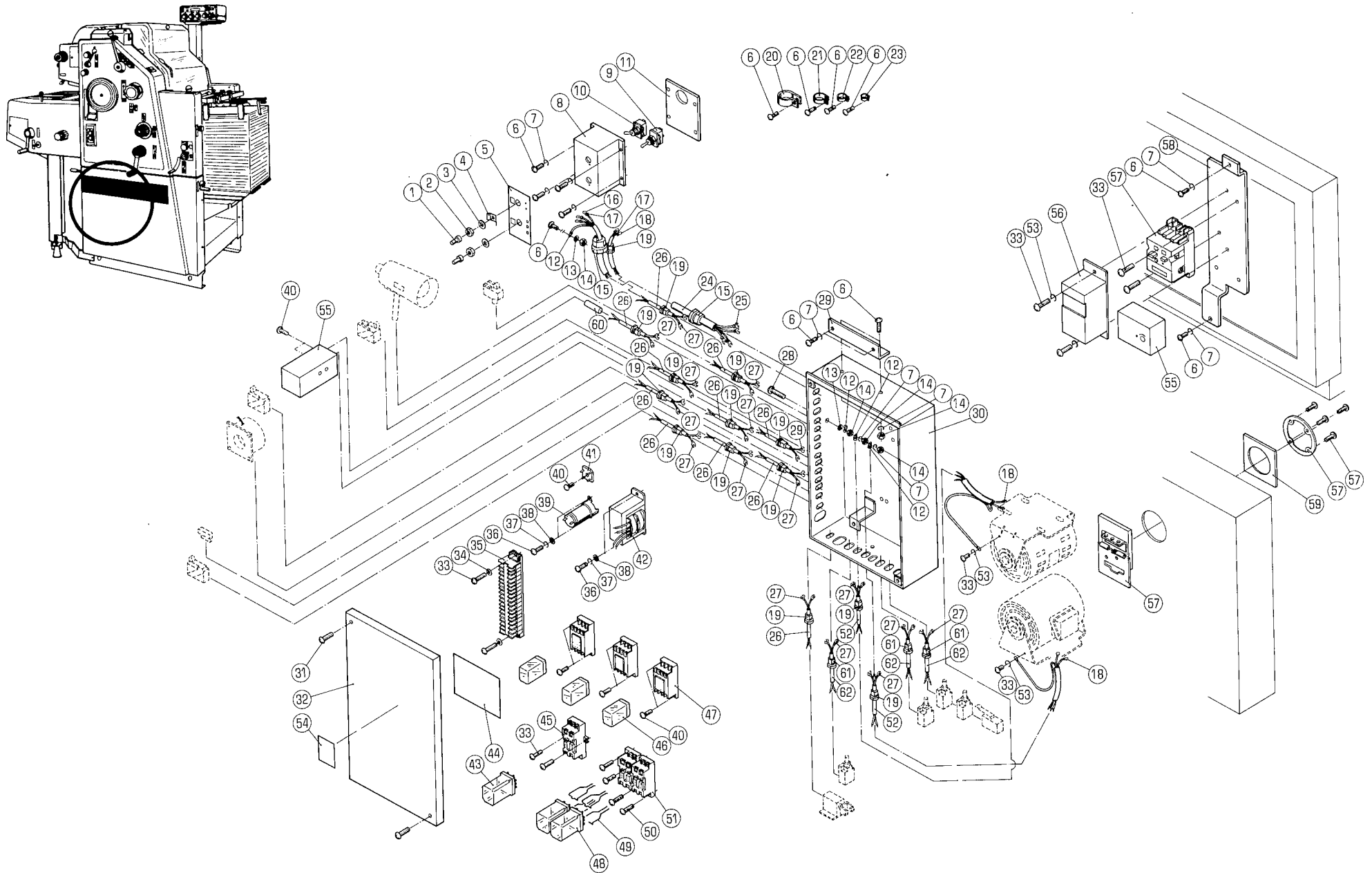
Note: When ordering items marked * indicate the set numbers because they are available in set off

NO.	PARTS NO.	110r114Sft	PARTS NAME	SET NO.	410211t-\$1- COMPONENT PARTS NO.	*ft Q'ty
31	9642 0404 14		Small pan head screw, M4 x 4			2
32	5322 61 112		Cover			1
33	9642 0410 14		Small pan head screw, M4 x 10			10
34	9716 0400 14		Plain washer, M4			2
35	98 979		Terminal board			1
36	9642 0306 14		Small pan head screw, M3 x 6			4
37	9710 0300 08		Spring washer			4
38	9716 0300 14		Plain washer			4
39	99 766		Condenser			1
40	9642 0310 14		Small pan head screw, M3 x 10			9
41	99 235		Rectifier			1
42	97 942		Transformer			1
43	97 169		Keep relay			1
44	5322 61 119		Wiring diagram			1
45	97 274		Relay terminal board			1
46	97 124		Relay			3
47	97 271		Relay board			3
48	97 101		Relay			2
49	95 181		Spring			4
50	9642 0416 14		Small pan head screw, M4 x 16			4
51	95 180		Relay terminal board			2
52	98 303		Cord			2
53	9710 0400 08		Spring washer, M4			4
54	5290 61 135		Seal			1
55	98 135		Paper jam detector			1
56	5290 61 133		Cover			1
57	97 718		Switch			1
58	5290 61 134		Bracket			1
59	5290 71 016		Bracket			1
50	98 813		Insulating tubing			1



***COANIAI*A Catigill-Vti*(tA41)e, LCF t**
 Note: When ordering items marked * indicate the sat numbers because they are available in sat on

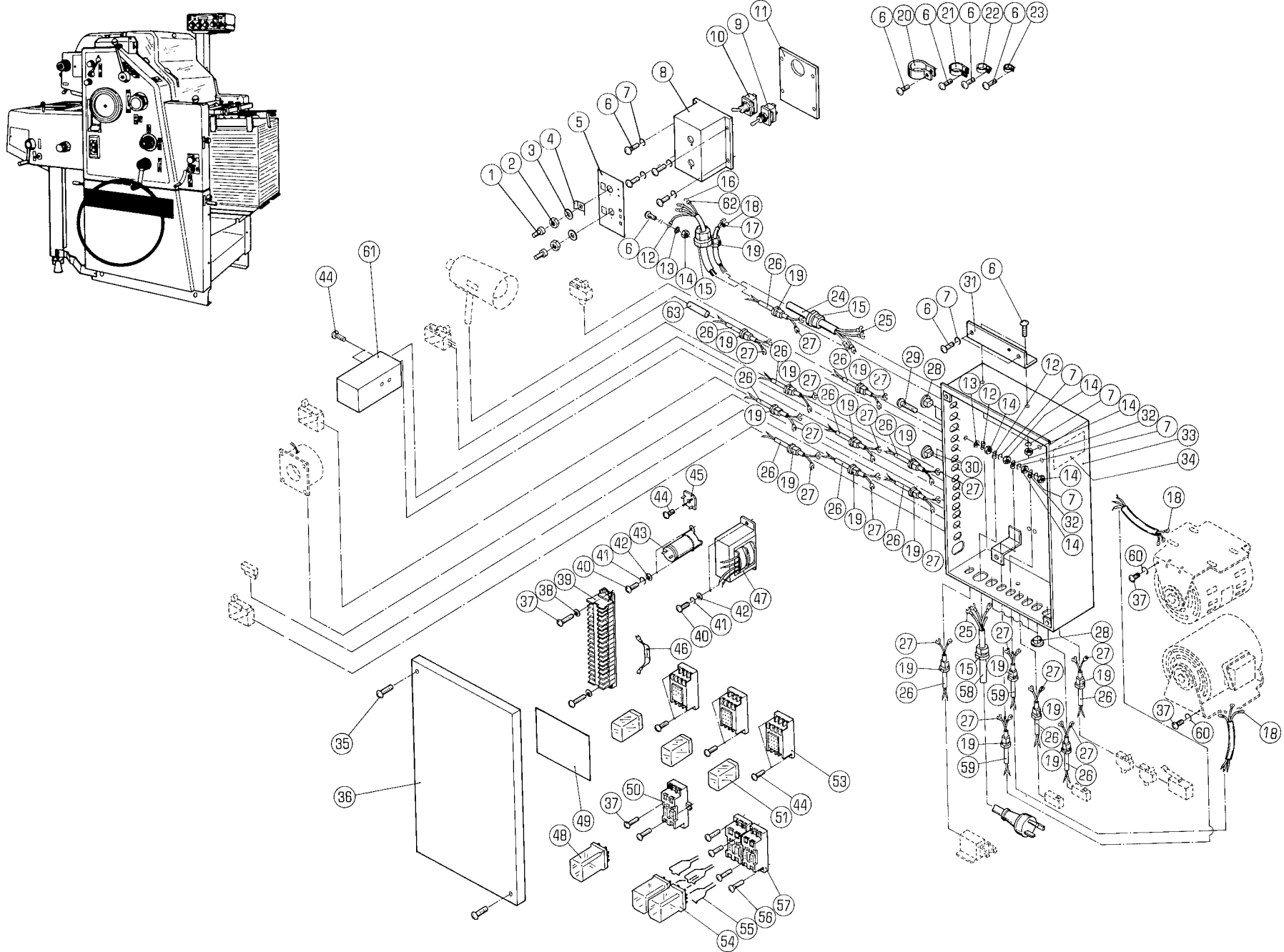
139



ELECTRICAL SECTION 115V AVAILABLE

Note: When ordering items marked * indicate the set numbers because they are available in set only

[illegible]

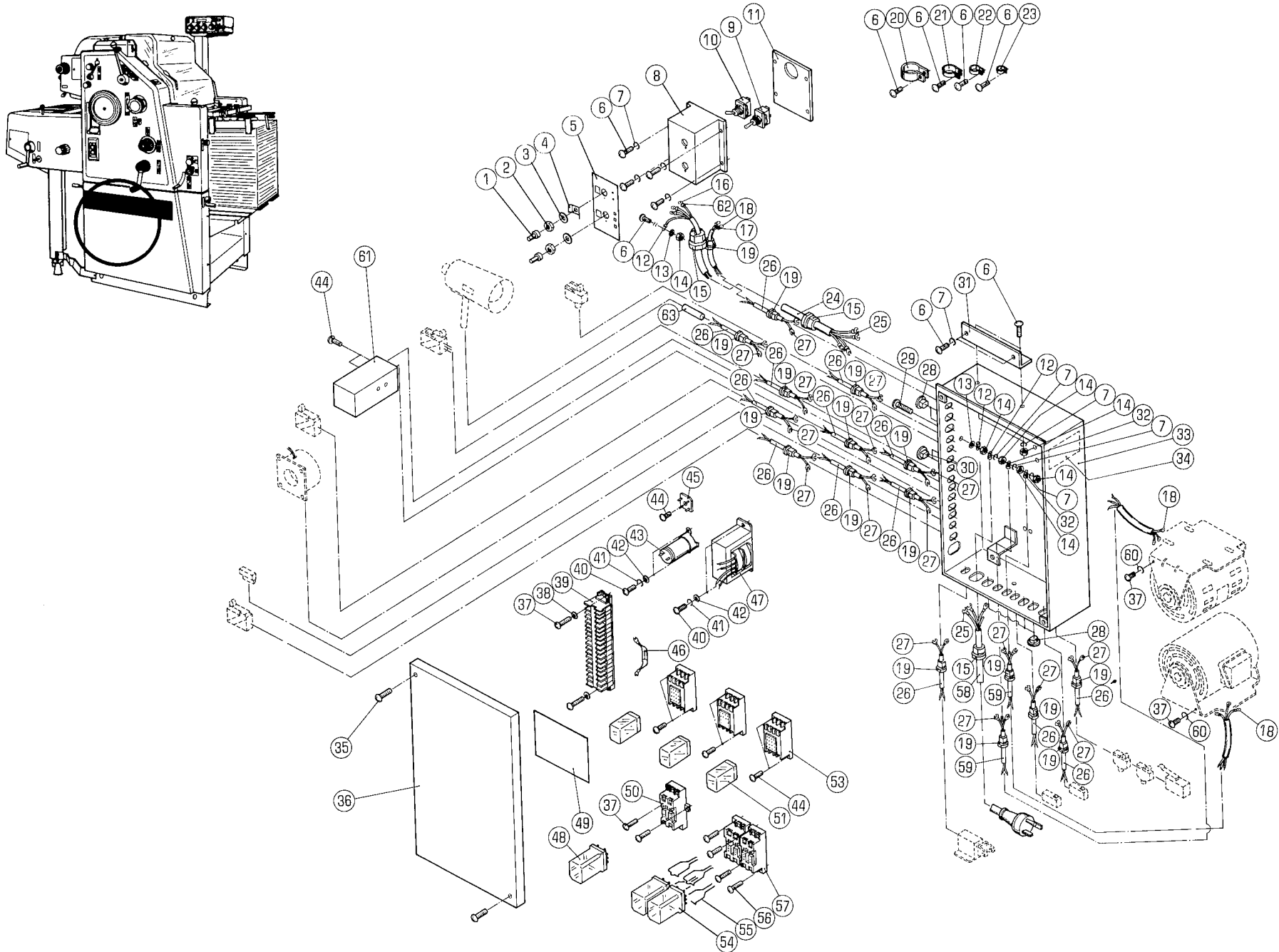


ELECTRICAL SECTION 115V AVAILABLE

*.1 01#0811111LAVIII-34 "C**ttivaYr, 1-*~1Yrit3t t
Note: When ordering items marked * indicate the set numbers because they are available in set or

NO.	PARTS NO.	irf	ffi	PARTS NAME	*-9- SET NO.	#111611f-R- COMPONENT PARTS NO.	11111& atY
31	5290 61 113			Bracket			2
32	98 517			Terminal			2
33	5322 61 111-1			Box			1
34	5290 61 141			Indicator			1
35	9642 0404 14			Small pan head screw, M4 x 4			2
36	5322 61 112			Cover			1
37	9642 0410 14			Small pan head screw, M4 x 10			6
38	9716 0400 14			Plain washer, M4			2
39	98 963			Terminal board			1
40	9642 0306 14			Small pan head screw, M3 x 6			4
41	9710 0300 08			Spring washer			4
42	9716 0300 14			Plain washer			4
43	99 766			Condenser			1
44	9642 0310 14			Small pan head screw, M3 x 10			9
45	99 235			Rectifier			1
46	5290 61 311			Fuse			1
47	97 942			Transformer			1
48	95 601			Keep relay			1
49	5320 61 118			Wiring diagram			1
50	95 603			Relay terminal board			1
51	97 124			Relay			3
53	97 271			Relay board			3
54	95 161			Relay			2
55	95 181			Spring			4
56	9642 0416 14			Small pan head screw. M4 x 16			4
57	95 180			Relay terminal board			2
58	98 302			Cord			1
59	98 304			Cord			2
60	9710 0400 08			Spring washer, M4			2
61	98 135			Paper jam detector			1

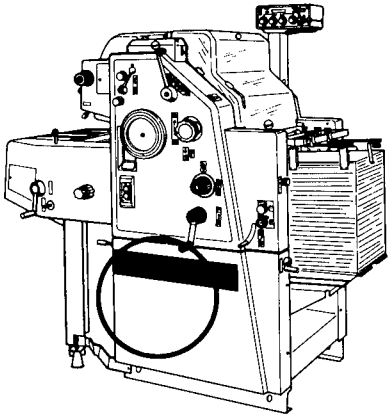
134 ELECTRICAL SECTION •*115V AVAILABLE



ELECTRICAL SECTION 115V AVAILABLE

* °MIA It* ritt 8* -.,0 v, "t 1-11-VaJt L CT
Note: When ordering items marked * indicate the set numbers because they Sr. available in set on

NO.	PARTS NO.	PARTS NAME	SET NO.	COMPONENT PARTS NO.	Q'ty
1	97 403	Cap			2
2	95 172	Nut			2
3	95 173	Ring			2
4	5295 61 124	Guard			1
5	5290 83 311	Indicating plate			1
6	9642 05 1014	Small pan head screw, M5 x10			45
7	9710 05 0008	Spring washer, M5			12
8	5290 61 121-2	Box			1
9	95 171	Switch			1
10	97 400	Switch			1
11	5290 61 123-1	Cover			1
2	95 244	Terminal			3
3	90 643	Lock washer, M5			2
4	9660 05 0014	Hexagon nut, M5			9
5	95 141	Bushing			3
6	95 240	Terminal			3
7	95 250	Tube			6
3	95 241	Terminal			8
	95 140	Bushing			1
	95 151	Clamp„(7/8")			2
	98 809	Clamp (5/8")			1
	95 152	Clamp (7/16")			16
	95 150	Clamp (1/4")			14
	95 224	Cord			1
	98 516	Terminal			5
	95 223	Cord			13
	95 242	Terminal			26
	95 146	Hole plug			5
	9642 05 2514	Small pan head screw, M5 x25			
	95 145	Hole plug			2



ELECTRIC EQUIPMENT SECTION

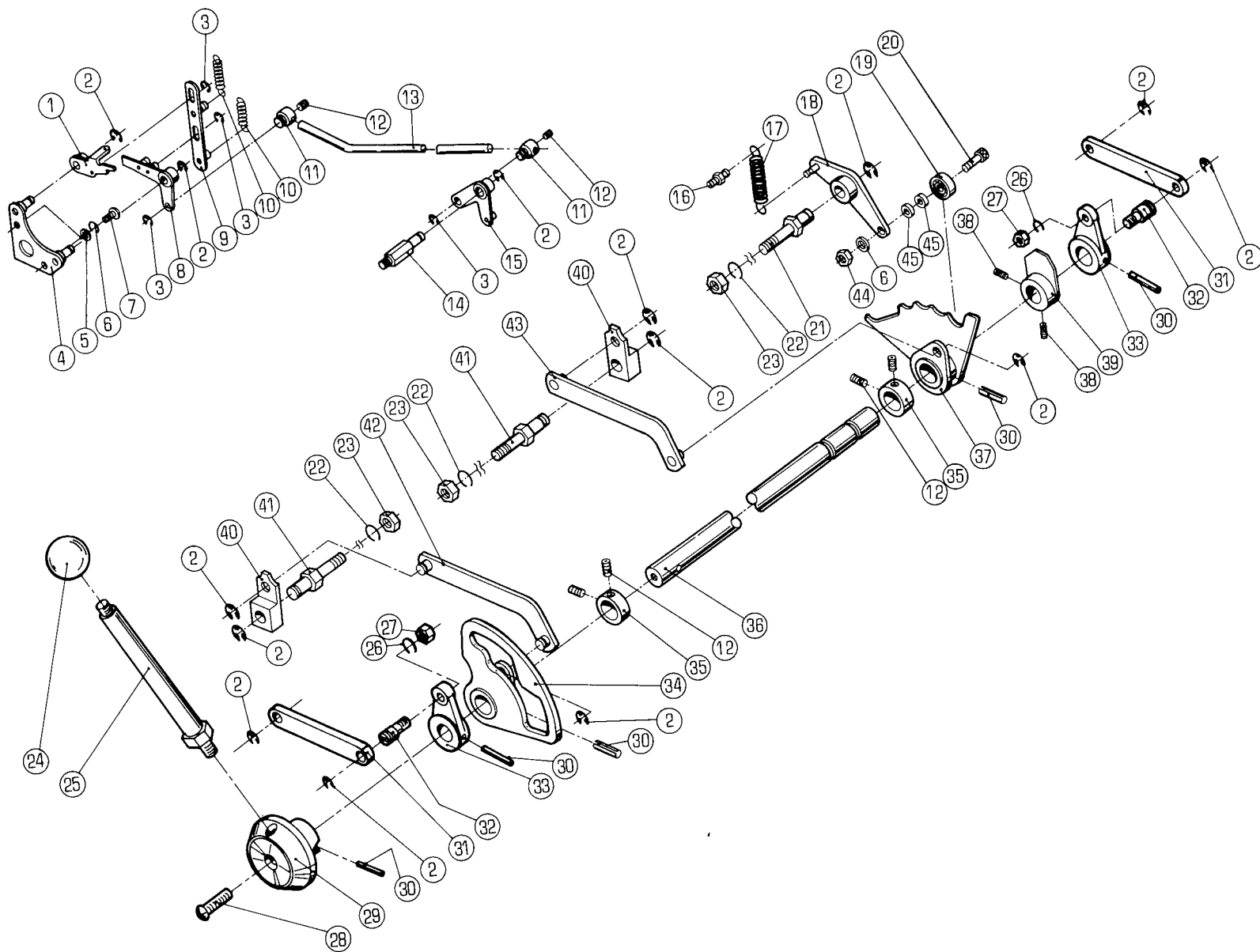
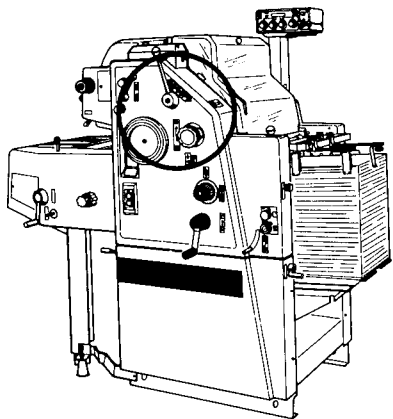
gE5

OPERATION LEVER SECTION

* .1" 041341111ILAT(I V**V A,0) e,
Note: When ordering items marked * indicate the set numbers because they are available in set on,

NO.	g0 PARTS NO	* rgi t	PARTS NAME	ii t 4g SET NO.	4111 COMPONENT PARTS NO.	it -R Q'ty
30	9410 50 2508	7 05 X 25	Spring pin, 05 X25			4
31	5290 52 232		Link			2
32	5290 52 233		Pin			2
33	5290 52 231	7— .A	Arm			2
34	5322 52 220	2	Cam			1
35	5290 29 314		Lock collar			1
36	5322 52 211	Mk efifil	Operation shaft			1
37	5322 52 240	t 1,	Cam			1
38	9684 0606 08	M 6 X 6	Hexagon socket head set screw, M6 x6			2
39	5320 52 270	J314	Cam			1
40	5322 52 291	t A	Cam			2
41	5322 52 292		Stud			2
42	5322 52 270		Link			1
43	5322 52 280	v	Link			1
44	9660 0500 14	Afrgt M 5	Hexagon nut, M5			1
45	5300 59 839	t 5—	Collar			2

Wv1,-n 128 OPERATING LEVER SECTION

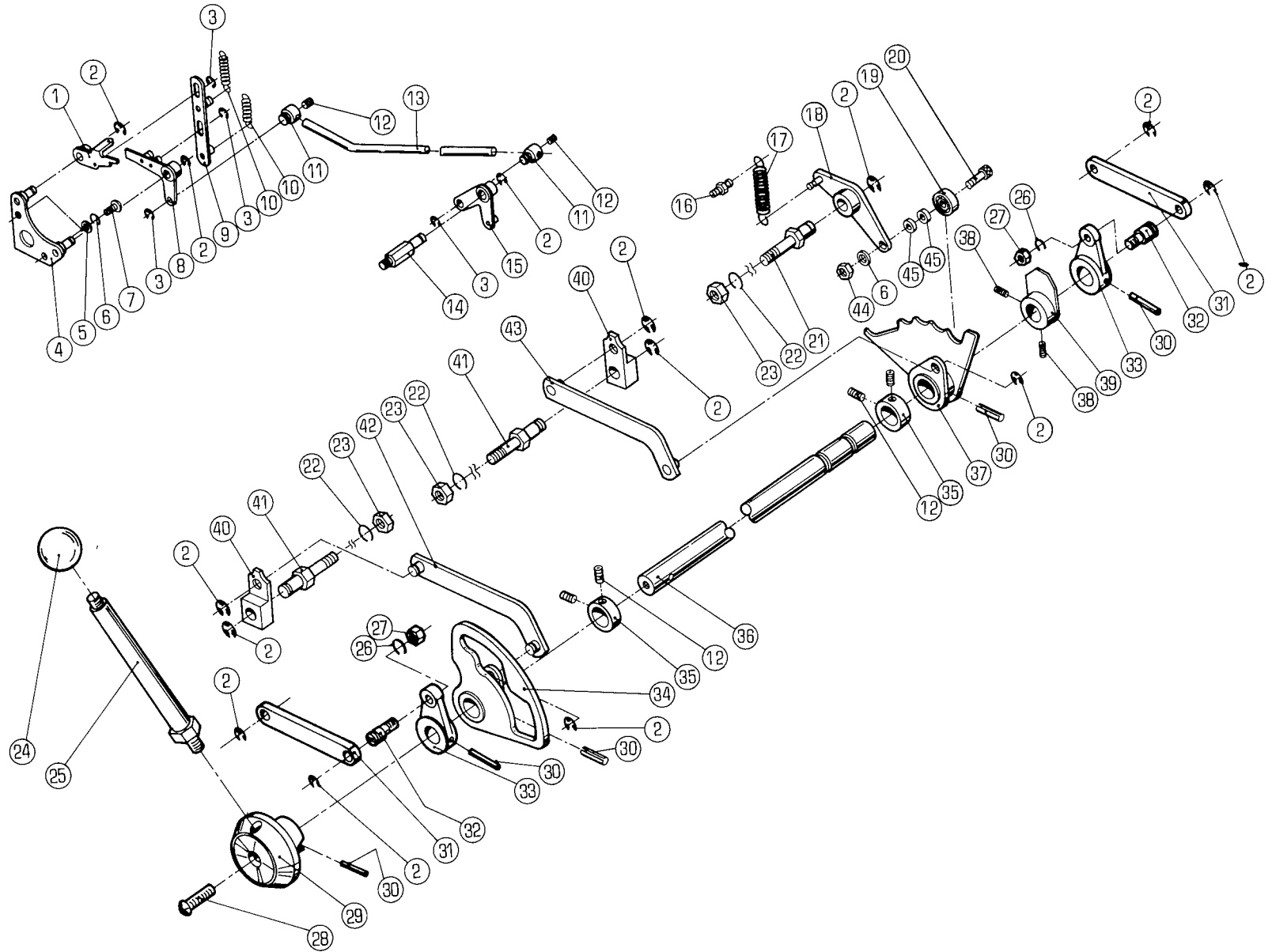
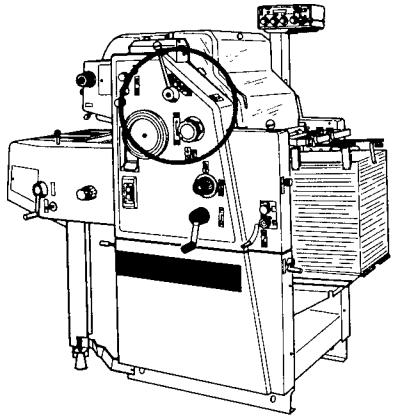


OPERATION LEVER SECTION

Note: When ordering it. marked * indicate the aot numbers because they are available in set onl

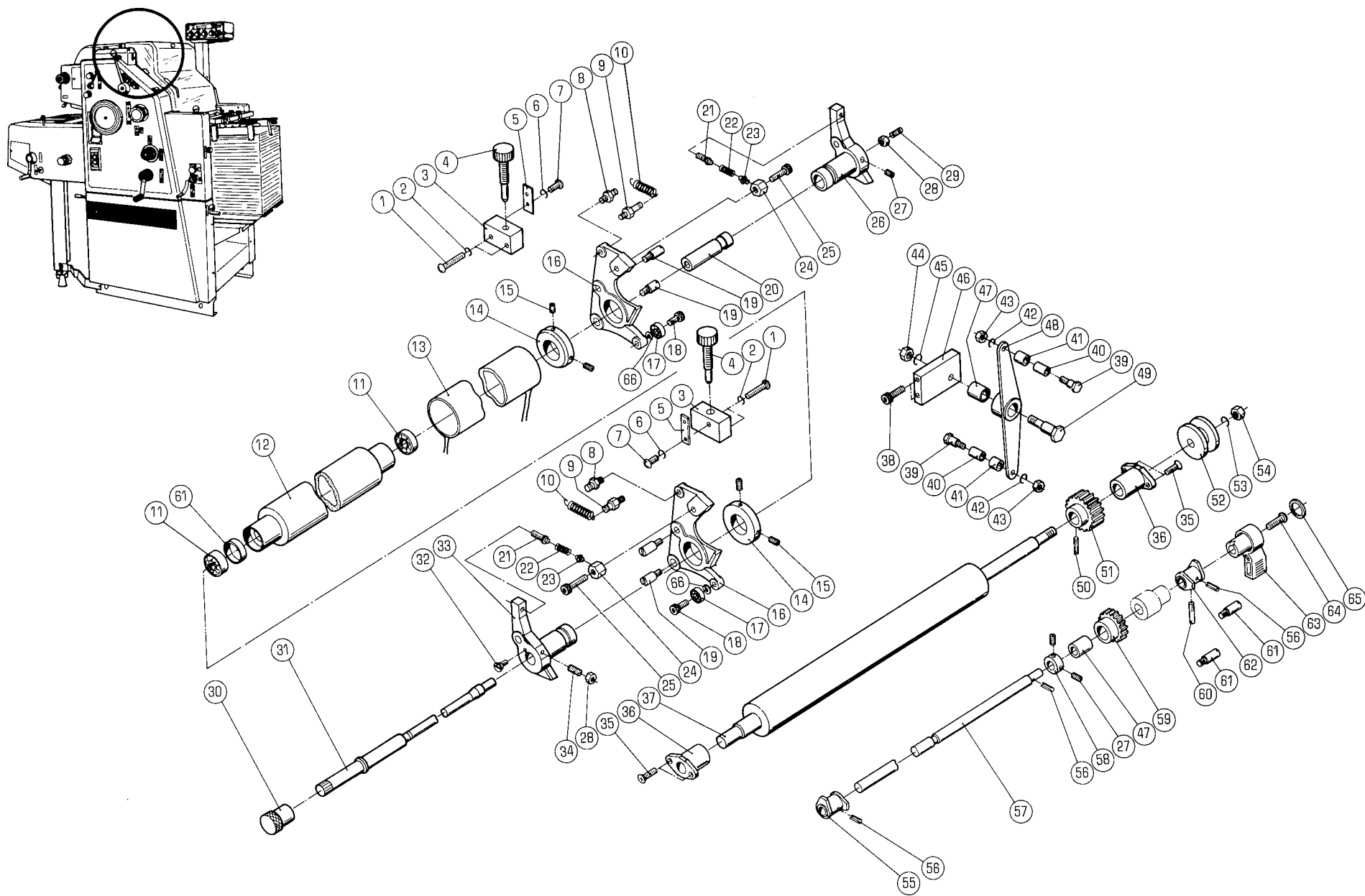
NO.	PARTS NO.	PARTS NAME	it -9- SET NO.	h2 it 4i COMPONENT PARTS NO.	ft Qty
1	5300 51 160	7 V			1
2	9721 07 0008	E > E— 7			13
3	9721 04 0008	E > E—4			4
4	5310 51 180	7 —1A,			1
5	9716 05 0014	M 5			2
6	9710 05 0008	M 5			3
7	9642 05 1014	j~ •< 1%-4s') M 5 X10			2
8	5310 51 190	7—L			1
9	5310 51 170	>			1
10	5290 21 316	A '7°			2
11	5310 52 293	7K			2
12	9684 05 0508	AfiVAitIL)(M 5 X 5			4
13	5320 52 294	) >			1
14	5310 52 292	A 9 •.)			1
15	5320 52 290	L. —			1
16	5290 36 351	A 7° ') > 1, 7			1
7	5290 51 123	A'7m)>			1
8	5310 52 250				1
9	90 203	<7 ') > 625ZZ			1
	9670 05 2008	A\$4 A'71 it h M 5 x 20			1
1	5290 52 243-1	29			1
2	9710 08 0008	M 8			3
3	9660 08 0014	IcAtVh M8			3
1	90 758				1
	5296 33 525-1				1
	5290 52 213				1
	9710 06 0008	/ .11\$ M 6			2
	9660 06 0014	v M 6			2
	5290 22 318				1
	5290 52 212-1	%1iA			1

126 OPERATING LEVER SECTION



NO.	*17 PP W4g- PARTS NO.	gligh4g,ft	PARTS NAME	SET NO.	Mg** COMPONENT PARTS NO.	*IA Qty
61	5300 75 112	e	Pin			2
62	5322 53 170	Ik	Cam			1
63	5310 52 121		Lever			1
63	5300 52 121		Lever (Itek)			1
64	9650 0520 14	*1.1111/1* .1.% M 5 x 20	Small oval counter-sunk screw, M5 x 20			1
65	5300 12 224	71d— IN	Plate			1
66	9716 0500 14	*it* M 5	Plain washer, M5			2
67	5330 51 712	a. — 1	Tube			1

II<7 A- -1=1 — 3 124 WATER FORM ROLLER SECTION

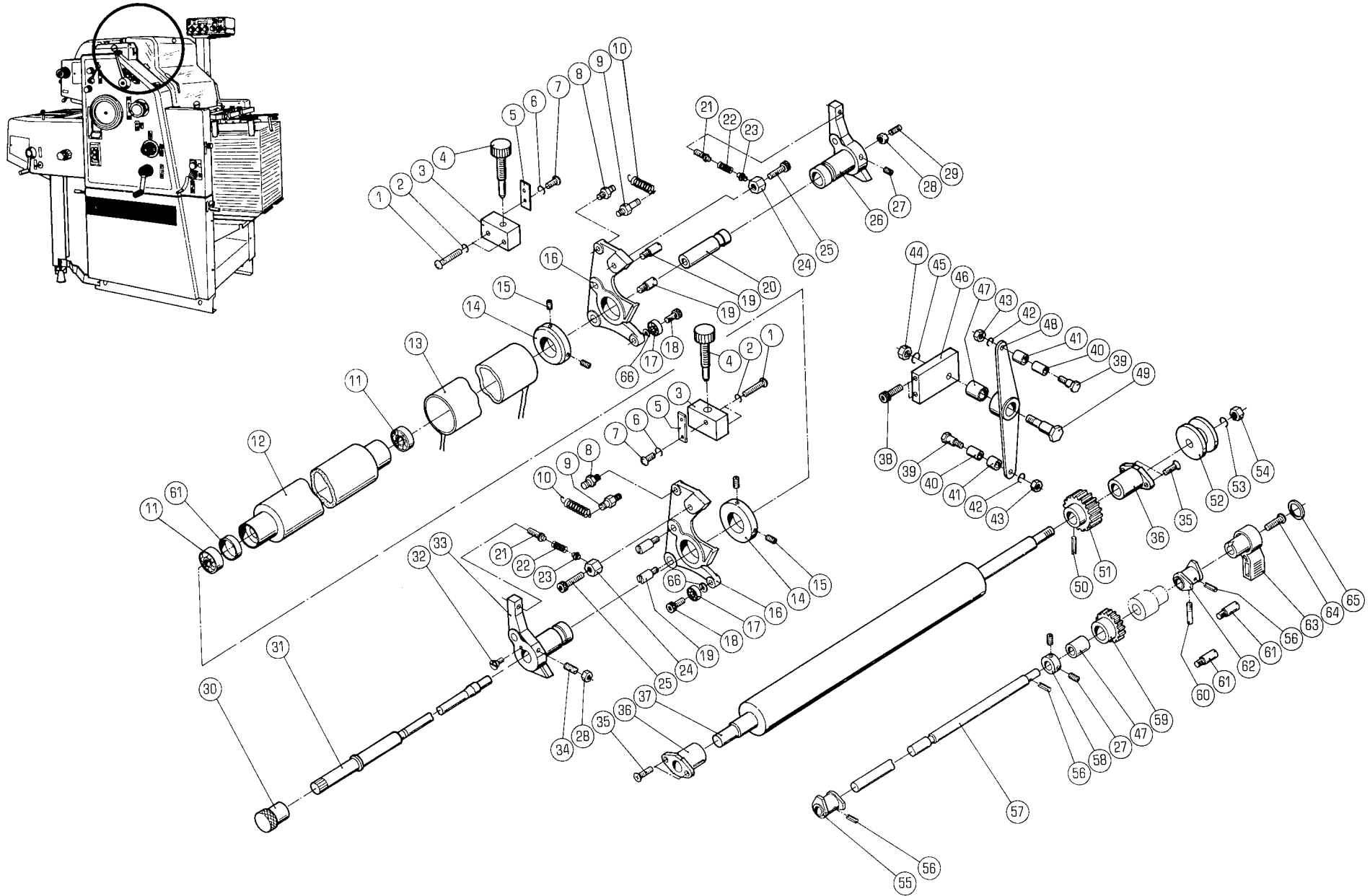


WATER FORM ROLLER SECTION

*zotithlItiten'eiltsAL c tivO'e,
Note: When ordering items marked * indicate the set numbers because they are available in set on

No.	113A*-R PARTS No.	1d3	PARTS NAME	SET NO.	COMPONENT PARTS NO.	Q'ty
31	5320 51 721	7 h	Shaft			1
32	5290 51 735	e	Pin			1
33	5322 53 341	7'5 h	Bracket			1
34	5290 51 730	*	Screw			1
35	9648 0516 14	.11111/11)*F.; M5 x 16	Small flush head screw, M5 x 16			4
36	5330 36 314	5'11'	Bushing			2
37	5322 53 411	** *ld— :iY1:1— 5 —	Water oscillating roller			1
38	9670 0625 08	fs M 6 x 25	Hexagon socket head bolt, M6 x 25			2
39	5322 53 433	e	Pin			2
40	5290 51 437	t 5	Collar			2
41	90 230		Roller			2
42	9710 0500 08	/1*F1 M 5	Spring washer, M5			2
43	9660 0500 14	t 7 J M 5	Hexagon nut, M5			2
44	9660 0800 14	t 7F- M 8	Hexagon nut, M8			1
45	9710 0800 08	rt*I1 M 8	Spring washer, M8			1
46	5322 53 431	71:i g	Block			1
47	5290 37 121	5' /t	Bushing			2
48	5322 53 420		Lever			1
49	5322 53 432	e	Pin			1
50	9410 4025 08	4 x 25	Spring pin, 6 4 x 25			1
51	5322 53 412		Gear			1
52	5290 51 414	t 7 7'1	Cupling			1
53	9710 1000 08	it*a* M 10	Spring washer, M10			1
54	90 701	U - 7 l-	U-nut			1
55	5322 53 140	t	Cam			1
56	9410 3020 08	03 x 20	Spring pin, 3 x 20			3
i7	5322 53 131	7 1-	Shaft			1
i8	5290 29 315	.thYt5—	Lock collar			1
	5290 36 111	*t.	Gear			1
0	5290 89 422	*	Screw			1

* .7 * - ./.³ - .- -grS 122 WATER FORM ROLLER SECTION

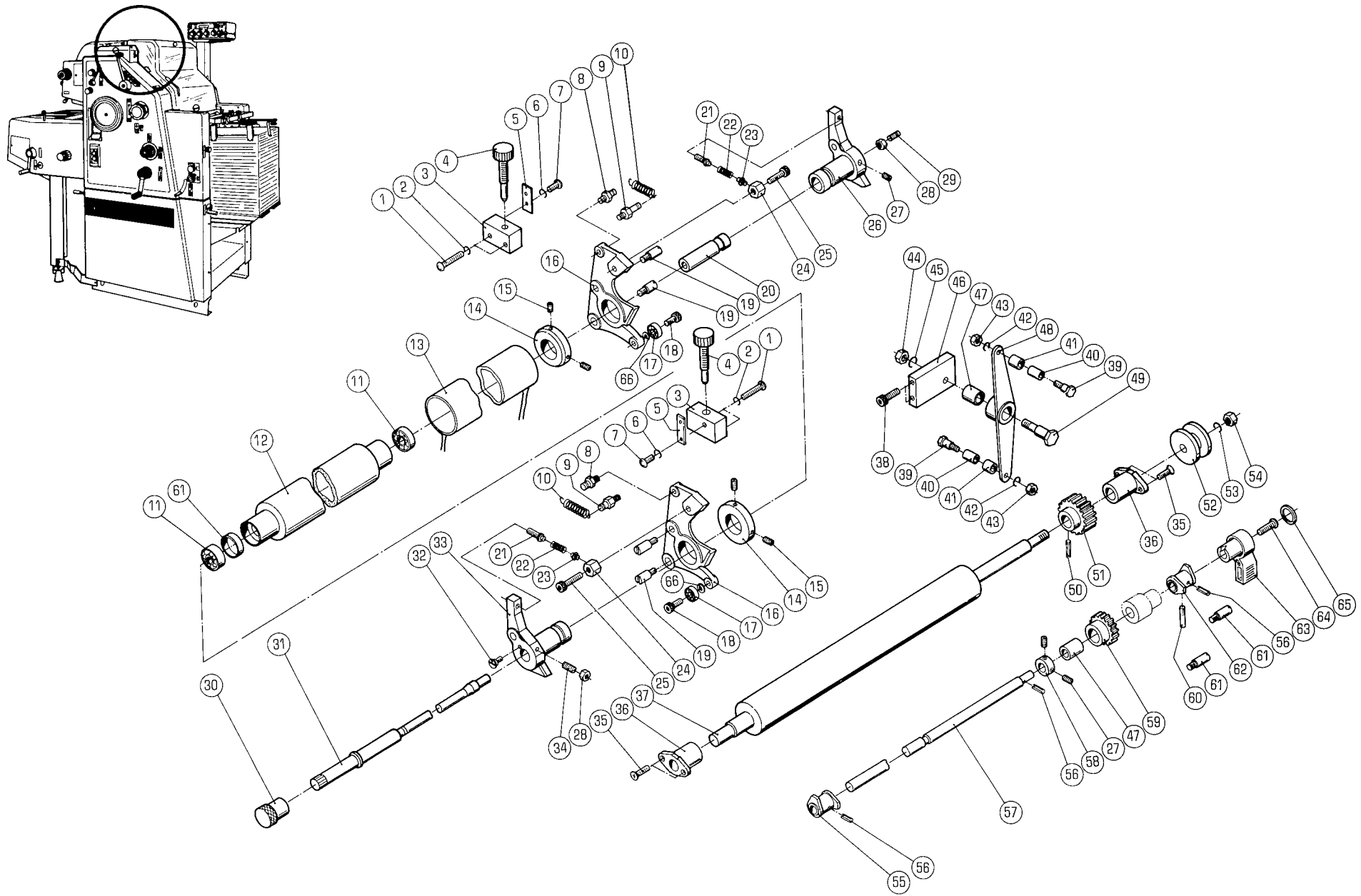


WATER FORM ROLLER SECTION

Note: When ordering items marked * indicate the set numbers because they are available in set on

NO.	PARTS NO.	goat**	PARTS NAME	SET NO.	#11fig-9- COMPONENT PARTS NO.	Q'ty
1	9642 0530 14	1.1 *...; M5 X 30	Small pan head screw, M5 x 30			4
2	9710 0500 14	it*Fttk M 5	Spring washer, M5			4
3	5322 53 333-1	711	Block			2
4	5322 53 332	V 7	Knob			2
5	5290 38 238	WI*	Leaf spring			2
6	9710 0500 08	M 4	Spring washer, M4			2
7	9642 0505 14	t * M 4 X 10	Small pan head screw, M4 x 10			2
8	5290 37 433	1 U 1111/*	Spring stud			2
9	5290 21 161		Spring stud			2
10	5290 33 451		Spring			2
11	90 461	6001LLU	Bearing 6001LLU			2
12	5322 53 350	71(7 A• n —3—	Water form roller			1
13	5322 53 351	EJL.	Molleton			1
14	5290 51 736	—	Lock collar			2
15	9684 0606 08	M 6 x 6	Hexagon socket head set-screw, M6 x 6			4
16	5322 53 311	7 5	Bracket			2
17	90 203	es'7 U - 1 625ZZ	Bearing 625zz			2
18	9670 0510 01	Affricft:Kil. M 5 X 10	Hexagon socket head bolt, M5 x 10			2
19	5322 53 331	e	Pin			4
20	5290 51 741	7 is	Shaft			1
21	5300 82 255	*	Screw			2
22	5300 82 257	A7' 11 *	Spring			2
23	5300 82 256	e	Pin			2
	5322 53 334	11:1	Block			2
5	9670 0520 08	idirititt>tZ/1.1- M 5 x 20	Hexagon socket head bolt, M5 x 20			2
6	5322 53 342		Lever			1
7	9684 0505 08	fig 111.E *i; M 5 X 5	Hexagon socket head set-screw, M5 x 5			3
	9660 0600 14	M 6	Hexagon nut, M6			2
9	9684 0616 08	*...; M 6 X 16	Hexagon socket head set-screw, M6 x 16			1
	5290 51 722	V 7	Knob			1

- 15 120 WATER FORM ROLLER SECTION



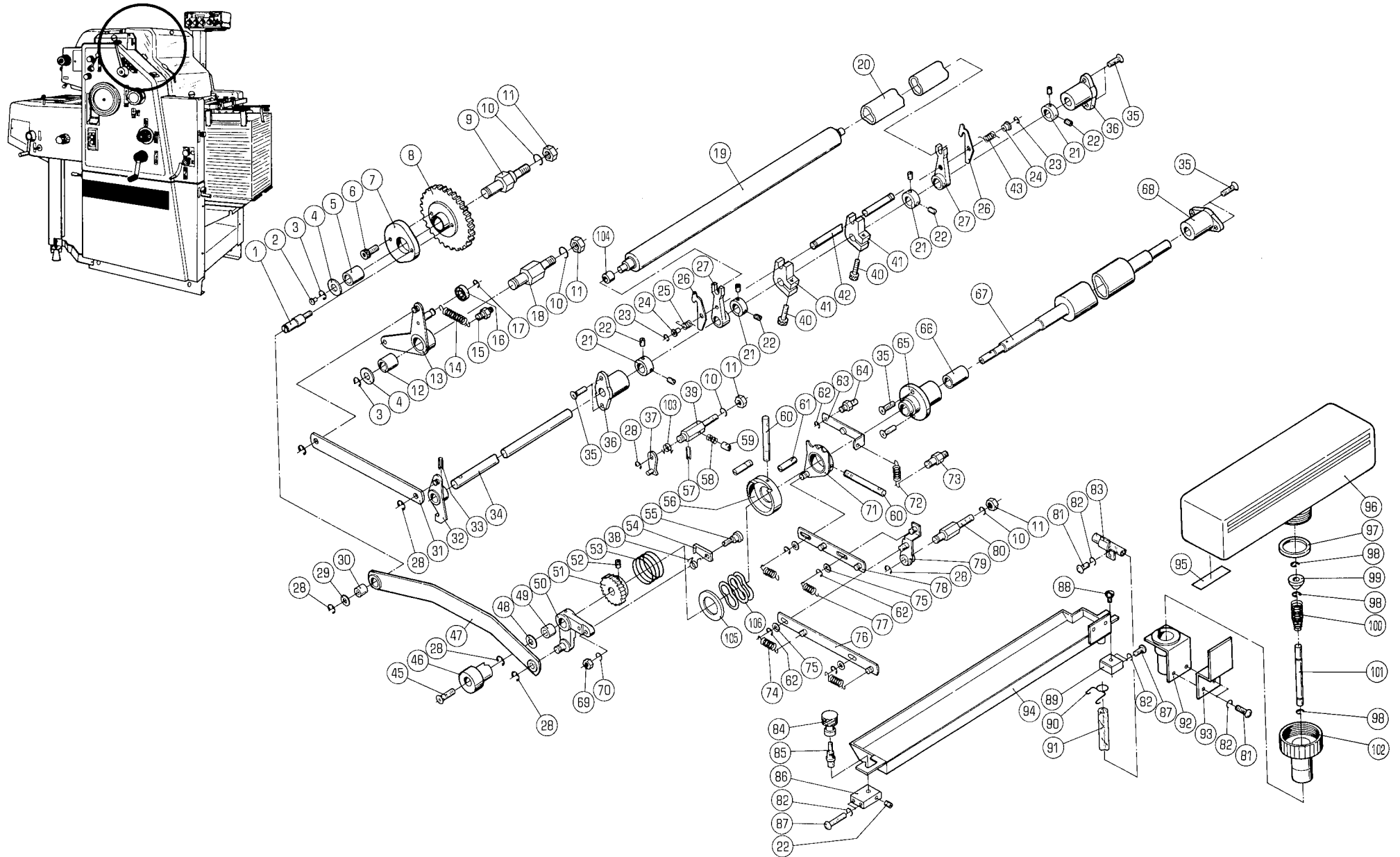
WATER FOUNTAIN ROLLER SECTION

010ctiltitAild~elttift 1 A.POD Cs, F..-01-T313t L. CT
Note: When ordering items marked * indicate the set numbers because they are available in set

NO.	fig PARTS NO.	iffsen4;ft	PARTS NAME	SET NO.	COMPONENT PARTS NO.	Q'ty
90	5300 53 216	* — Ail:i F	Hose band			1
91	5300 53 195	* — A	Hose			1
92	5300 82 520-1	75•.yt-	Bracket			1
93	5322 53 217	A F	Stopper			1
94	5322 53 190	* if}	Water fountain			1
95	5300 53 259	-f — 5' —	Indicator			1
96	5300 53 251-1	401;	Water bottle			1
97	5300 53 256-1		Packing			1
98	9721 0300 50	E E — 3	E-Ring, E-3			3
99	5300 53 254-1		Valve			1
100	5290 53 255		Spring			1
101	5300 53 253		Pin			1
102	5300 53 252-1	t	Cap			1
103	5290 51 064	A7 I.J:1*	Spring			1
104	5330 51 622	a — 7'	Tube			1
105	5290 37 314	'Y	Washer			1
106	9717 12 0008	— 79 y —	Wave washer			3

74 7 t : " - : / - - - n

118 WATER FOUNTAIN ROLLER SECTION



4

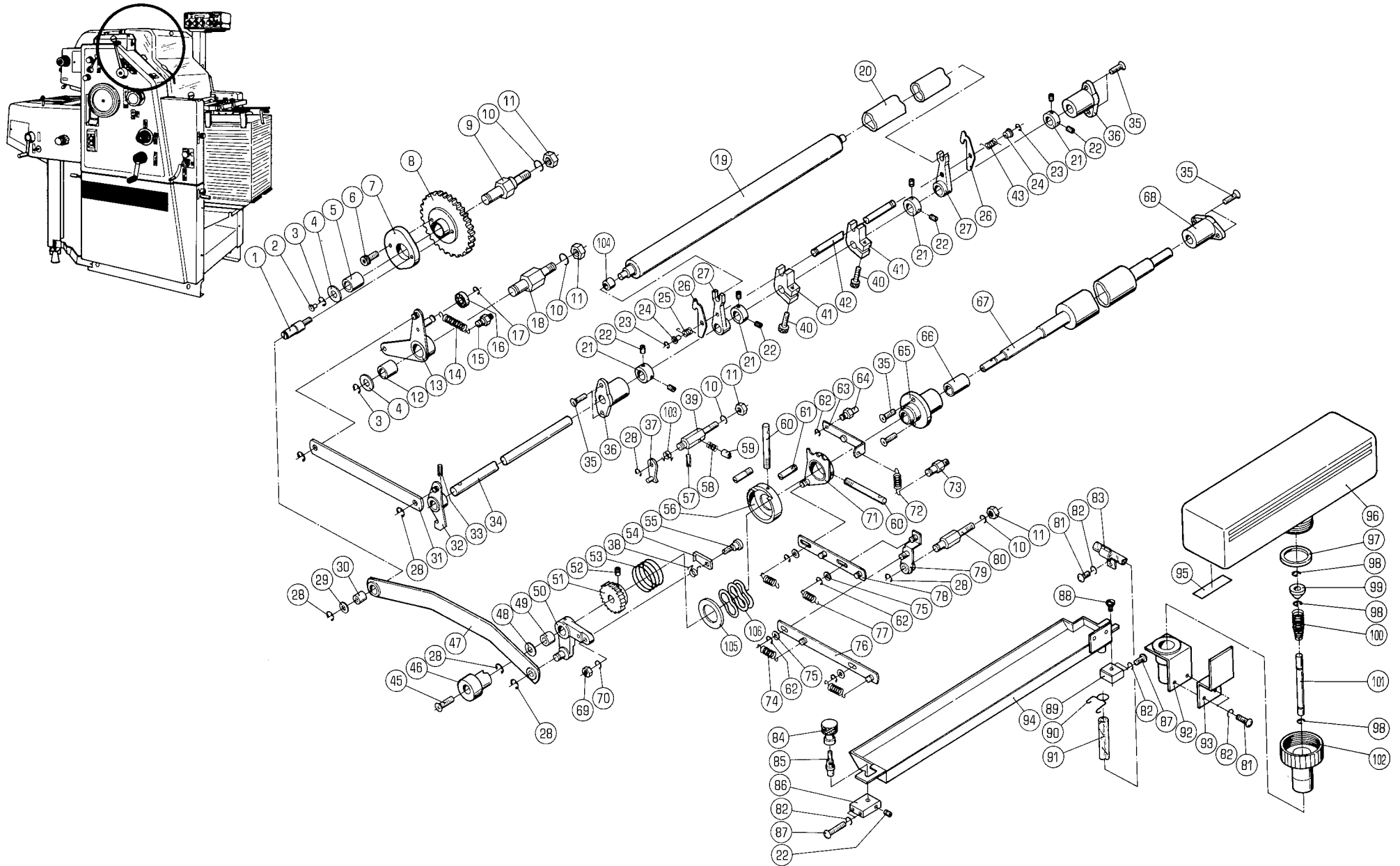
WATER FOUNTAIN ROLLER SECTION

*Z-0111SAII*ATII:SA LT*ItAMV, v 1-.4CAA LT F

Note: When ordering items marked * indicate the set numbers because they are available in set or

NO.	PARTS NO.	114% *111	PARTS NAME	SET NO.	111fil *R- COMPONENT PARTS NO.	111/4c city
60	5322 52 443	e	Pin			2
61	5290 89 422	e	Pin			2
62	9721 0400 08	E U E — 4	E-Ring, E-4			5
63	5322 52 430		Link			1
64	5322 52 432	A5/ V 1 ⁴	Stud			1
65	5322 53 151	\$ ¹ 11,4:1L.\$r—	Bushing holder			1
66	5290 26 112	.>t 5' IL.	Bushing			1
67	5322 53 150	*7 t:i5•:da —5—	Water fountain roller			1
68	5290 29 220	.\$ \$ ¹ /1.	Bushing			1
69	9660 0500 14	/- M 5	Hexagon nut, M5			1
70	9710 0500 08	/1*111k M 5	Spring washer, M5			1
71	5322 52 440	t .4	Cam			1
72	5290 35 131	A 7 1 ¹	Spring			1
73	5290 52 244	A 7 U O'	Spring stud			1
74	5290 21 521	A 7 1 ¹ -	Spring			2
75	9716 0600 14	*Iglk M 6	Plain washer, M6			4
76	5322 52 470	11	Link			1
77	5300 59 652	A7°U2dY	Spring			2
78	5322 52 460	U	Link			1
79	5322 52 450		Lever			1
80	5290 37 421-1	A5	Stud			1
81	9642 0510 14	M 5 x 10	Small pan head screw, M5 x 10			3
82	9710 0500 14	M 5	Spring washer, M5			7
83	5300 53 197		Hose clamp			1
34	5300 53 213		Knob			1
35	5300 53 214-1	* ?;	Screw			1
36	5322 53 211	15 I y	Bracket			1
37	9642 0530 14	t's'd*.i; M 5 x 30	Small pan head screw, M5 x 30			4
38	5322 53 214	e	Pin			1
19	5322 53 212	/ ' 1'	Bracket			1

* 7 * ' _ : / ¹³ - * _ . --145 116 WATER FOUNTAIN ROLLER SECTION

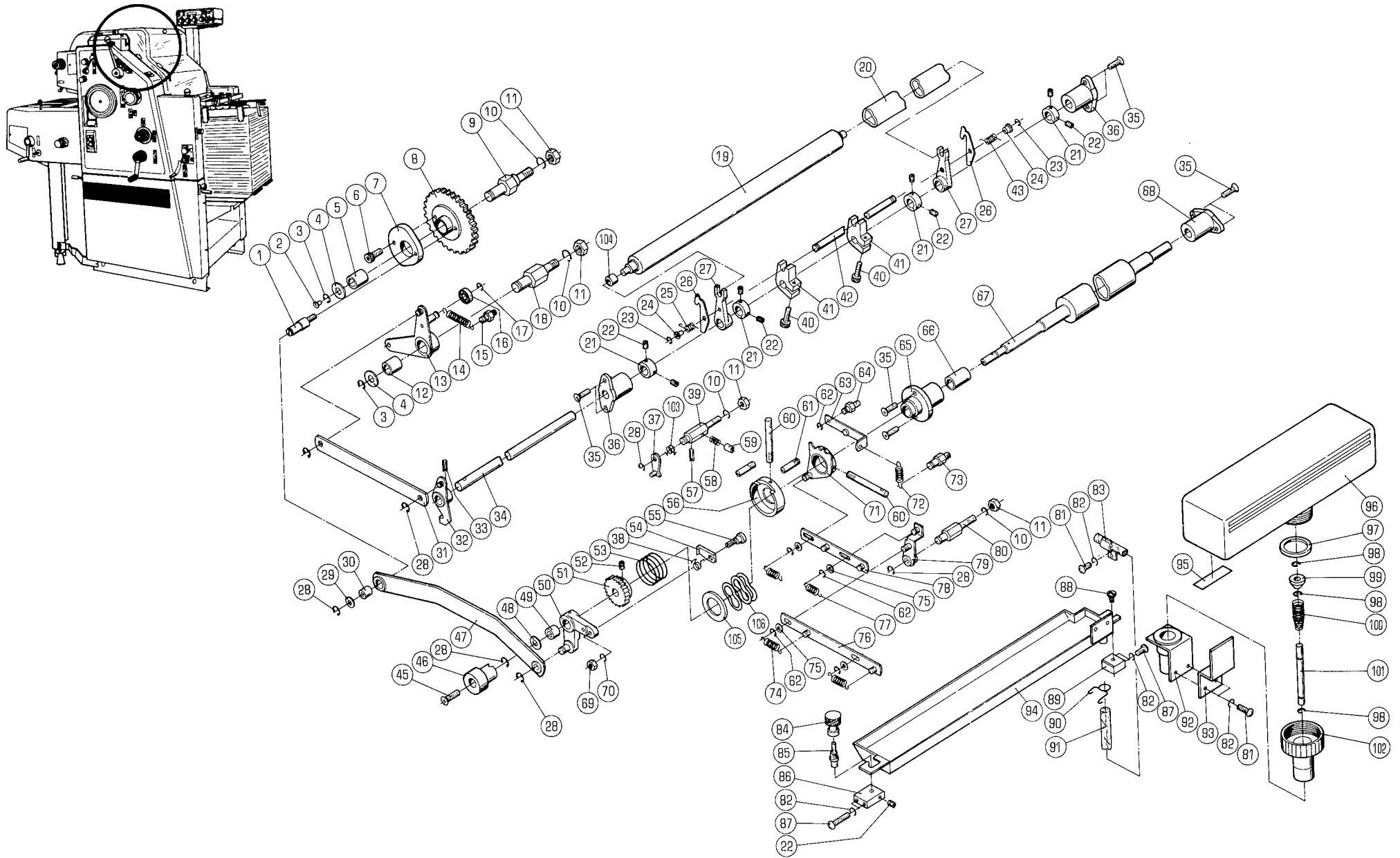


WATER FOUNTAIN ROLLER SECTION

*C-0DiffSalt*ATIt3A *V-. /va)V, FAIP4-TA3Z LtF Lc
Note: When ordering items marked * indicate the set numbers because they are available in set or

NO.	gi341 PARTS NO.	31-515Aft	PARTS NAME	SET NO.	COMPONENT PARTS NO.	Q'ty
31	5322 52 356		Link			1
32	5322 52 350		Lever			1
33	9410 3020 08	;3'3 x 20	Spring pin, 3 x 20			1
34	5322 52 341	5. t 7 h	Shaft			1
35	9648 0516 14	1111/11 * = M 5 x 16	Small flush head screw, M5 x 16			8
36	5290 29 222	11..	Bushing			2
37	5330 55 523	L. /I—	Lever			1
38	5330 55 522	A7 1/1 "	Spring			1
39	5330 55 524-1	A 5' .% r	Stud			1
40	9670 0620 08	h M 6 x 20	Hexagon socket head bolt, M6 x 20			2
41	5322 52 353	75- ., h	Bracket			2
42	5322 52 354-1	7 h	Shaft			1
43	5290 51 134		Spring			1
45	9650 0520 14	A.M1/1*Fi M 5 x 20	Small oval counter sunk screw, M5 x 20			1
46	5322 53 152		Knob			1
46	5300 17 117		Knob (Itek)			1
47	5322 53 120	U r	Link			1
48	5290 29 312	*	Washer			1
49	5300 58 144	.) (I	Bushing			1
50	5322 53 110		Lever			1
51	5430 53 135	5 x 7 h	Ratchet			1
52	9686 0506 08	Afili 'AMIE *E.% M 5)< 6	Hexagon socket head set-screw, M5 x 6			1
53	5430 53 134		Spring			1
54	5430 53 210		Pawl			1
55	5290 51 063	e	Pin			1
56	5322 52 434		Ring			1
57	9410 2010 08	7 1/1 %2 x 10	Spring pin, 2 x 10			1
58	5290 51 083	7° U	Spring			1
59	5290 51 082	/11	Pawl			1

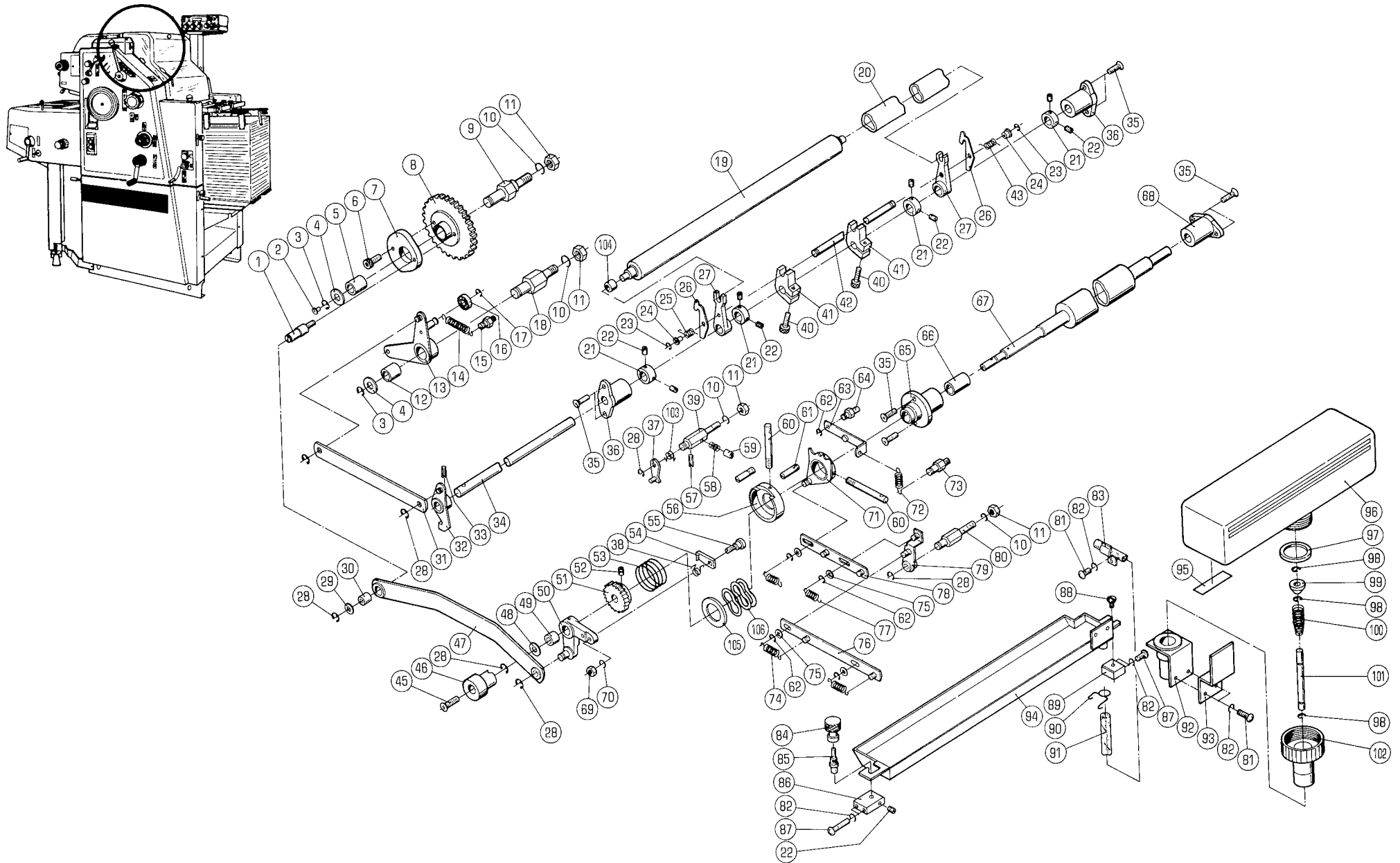
7.1(7 1-5 : 0 - 5 --XS 114 WATER FOUNTAIN ROLLER SECTION



WATER FOUNTAIN ROLLER SECTION

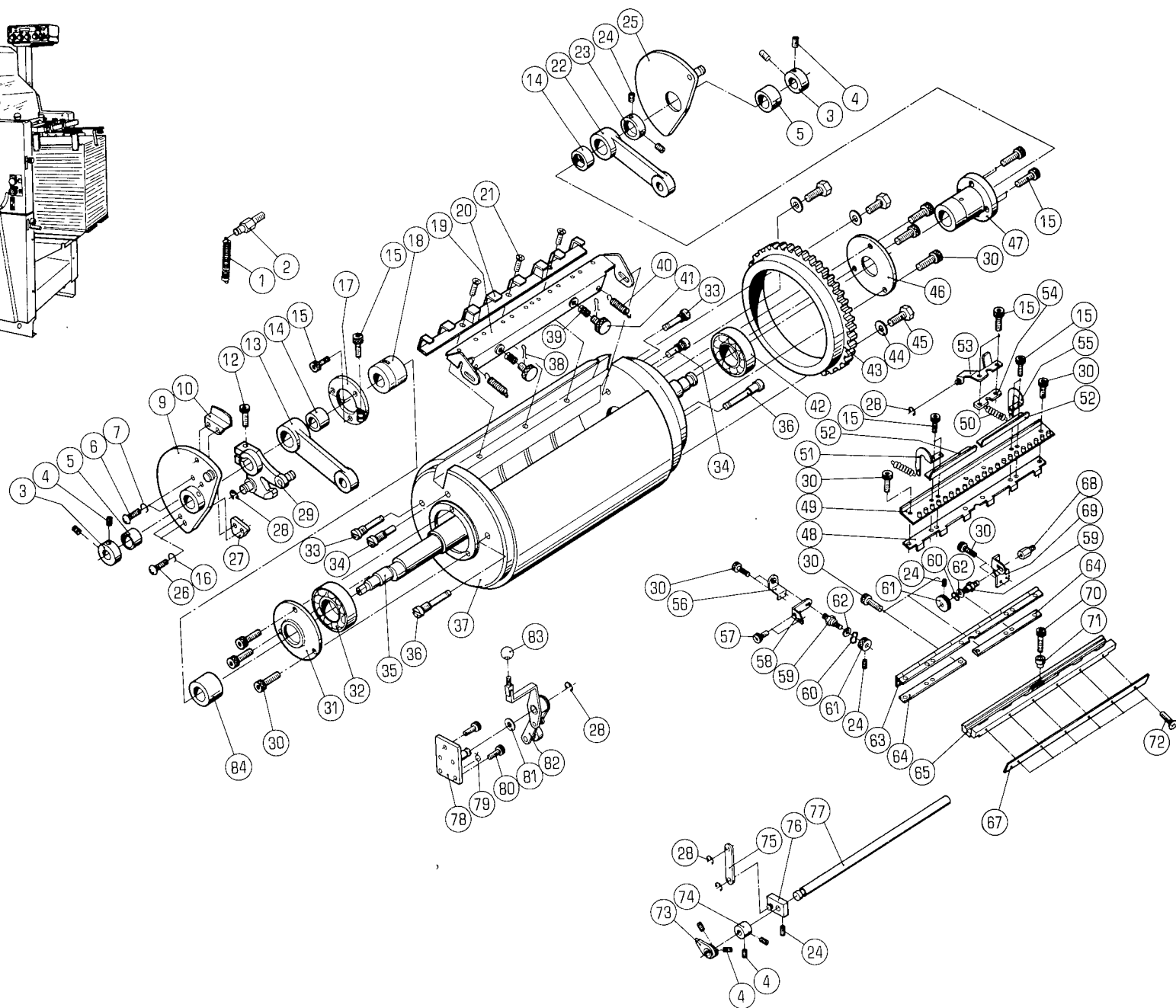
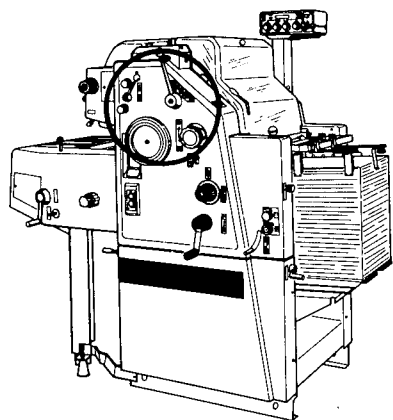
* opiff3411/*A CII85gt 1-*41 L 'CT
Note: When ordering items marked * indicate the set numbers because they are available In set on

NO.	18414 *-g PARTS NO.	PARTS NAME	SET NO.	COMPONENT PARTS NO.	MSc Q'ty
1	5322 52 314	Pin			1
2	91 250	Oil cup			1
3	9721 1000 08	E-Ring, E-10			2
4	5290 29 311	Washer			2
5	5290 37 121	Bushing			1
6	9670 0612 08	Hexagon socket head bolt, M6 x 12			1
7	5322 52 313	Cam			1
8	5322 52 311	Gear			1
9	5290 52 312	Stud			1
10	9710 0800 08	Spring washer, M8			4
11	9660 0800 14	Hexagon nut, M8			4
12	5290 37 513-1	Bushing			1
13	5322 52 320-1	Lever			1
14	5290 51 123	Spring			1
15	5290 21 161	Spring stud			1
16	90 200	Bearing, 607ZZ			1
17	9721 0500 08	E-Ring, E-5			1
18	5290 52 322	Stud			1
19	5322 53 160-1	Water ductor roller			1
20	5322 53 162	Molleton			1
21	5290 29 315	Lock collar			4
22	9684 0505 08	Hexagon socket head set-screw, M5 x 5			9
23	9721 0400 14	E-Ring, E-4			2
24	5290 51 135	Collar			2
25	5290 51 133	Spring			1
26	5290 51 132-1	Ratch			2
27	5290 51 131-1	Arm			2
28	9721 0700 08	E-Ring, E-7			7
29	5290 29 313	Washer			1
30	5300 45 243	Bushing			1



[illegible]

v — 9 : 3/4" -AS 110 MASTER CYLINDER SECTION

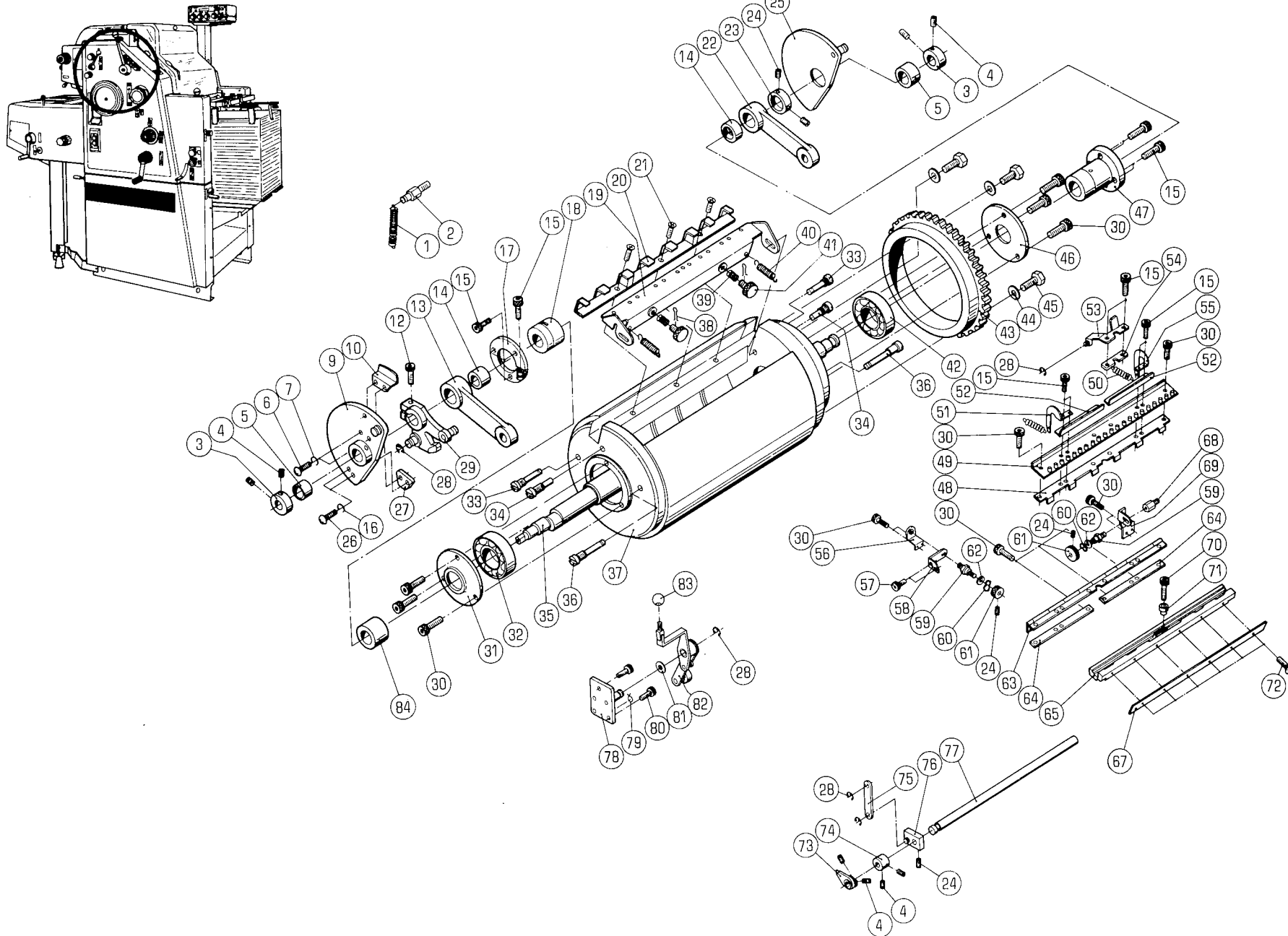


MASTER CYLINDER SECTION

*ZOitlial/*AVittSA L QY. -h t-11-§YeASC L°.
 Note: When ordering items marked * indicate the set numbers because they ere available in set or

NO.	NAMUR- PARTS NO.	ffn P1:1	PARTS NAME	*44' SET NO.	44h1 *q COMPONENT PARTS NO	1/1411 City
33	5290 54 669-1	.A 7 1/ 1r '11i	Spring stud			2
34	5290 54 115	e: ,	Pin			2
35	5320 54 511	t 7 h	Shaft			1
36	5290 54 117		Spring stud			2
37	5320 54 111-2	7 A 5 -E, 1)	Master cylinder			1
38	9414 16 1014	,cr 1.6 x 10	Split cotter pin, 0 1.6 x 10			2
39	5290 54 413	1f	Spring			1
40	5290 35 131	7V:i	Spring			2
41	5290 54 337		Knob			2
42	90 209	7'J.'"6205 LLBP6	Bearing, 6205 LLBP6			1
43	5290 23 112		Gear			1
44	5290 23 113	fl *	Washer			3
45	5290 24 127		Bolt			3
46	5290 23 116-1	^'7 ... y/3/1-	Bearing cover			1
47	5290 54 531-1	.X 5f/1..	Bushing			1
48	5320 54 658	A 1- —	Stopper			1
49	5320 54 620		Clamp			1
50	5290 54 325	A 7 l.	Spring			2
51	5290 54 663	7	Hook			1
52	5320 54 661	ti-l f 71. —	Guide plate			2
53	5290 54 630-1	l., —	Lever			1
54	5290 54 643	A	Spacer			1
55	5290 54 664	7	Hook			1
56	5290 54 670		Bracket			1
57	9670 05 2008	ft j14t1fJL. M 5 x 20	Hexagon socket head-bolt, M5 x 20			2
58	5290 54 666	7—A	Arm			1
59	5290 54 682	*:1;	Screw			2
60	9717 1000 08	5/1/ 9 - M10	Corrugated washer, M10			2
61	5290 54 681		Knob			2
62	9716 08 0014		Plain washer, M8			2

-giS 108 MASTER CYLINDER SECTION

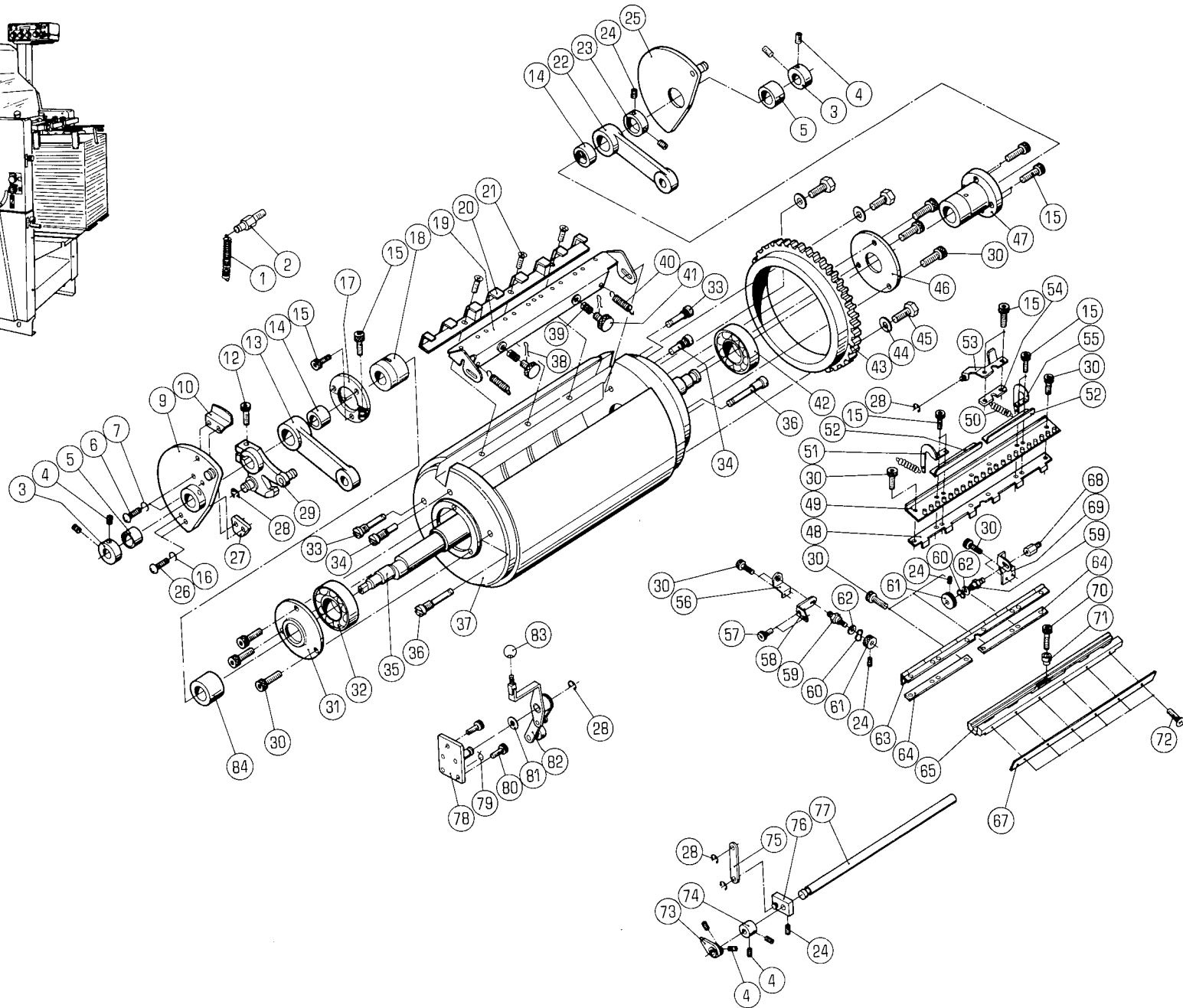
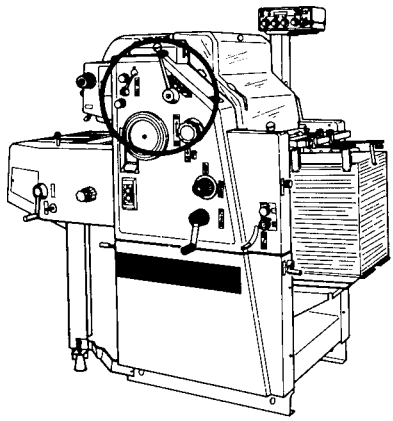


MASTER CYLINDER SECTION

*ZO)Iffialt*ATIttiAl,C**tA,OV, 1*-01'ea3z "CT t
 Note: When ordering items marked * indicate the set numbers because they are available in set only

NO.	PARTS NO.	fdsr%\$k	PARTS NAME	SET NO.	COMPONENT PARTS NO.	Qty
1	5290 54 542	7 U	Spring			1
2	5290 54 541	7I) ' f r	Spring stud			1
3	5290 52 112	t	Lock collar			2
4	9684 05 0508	Affliiv7tiEY*,;. % M 5 x 5	Hexagon socket head set-screw, M5 x 5			4
5	5290 52 253	5' /I-	Bushing			2
6	9642 04 1014	/- eV.IN * M 4 x 10	Small pan head screw, M4 x 10			2
7	9710 04 0008	11*Ig5t M 4	Spring washer, M4			2
9	5322 52 250	t	Cam			1
10	5290 52 256	13 .4	Cam			1
12	9670 06 2508	AMOf t: M 6 x 25	Hexagon socket head bolt, M6 x 25			1
13	5322 22 411	U	Link			1
14	5290 22 412		Bushing			2
15	9670 05 1608	M 5 X 16	Hexagon socket head bolt, M5 x 16			8
16	9710 05 0008	II*F1*M 5	Spring washer, M5			2
17	5290 54 520	1- 1	Clamp			1
18.	5290 54 522-1	.Y	Bushing			1
19	5310 54 410	51- V'	Tail clamp			1
20	5310 54 114		Pin bar base			1
21	9648 04 1014	ID1/1*:;3 M 4 x 10	Small flush bead screw, M4 x 10			3
22	5290 22 413	U	Link			1
23	5290 11 152	t	Lock collar			1
24	9684 06 0608	M 6)< 6	Hexagon socket head set-screw, M6 x 6			5
25	5322 52 260	13	Cam			1
26	9642 05 1614	t"V,h*F.) M 5 x 16	Small pan head screw, M5 x 16			2
27	5290 52 255	t	Cam			1
28	9721 07 0008	E— 7	E-Ring, E-7			3
29	5290 54 540		Lever			1
30	9670 05 1001	M 5 x 10	Hexagon socket head bolt, M5 x 10			15
31	5290 23 115	•s'7 11 : " /V—	Bearing cover			1
32	90 210	6206LLBC2P6	Bearing, 6206LLBC 2P6			1

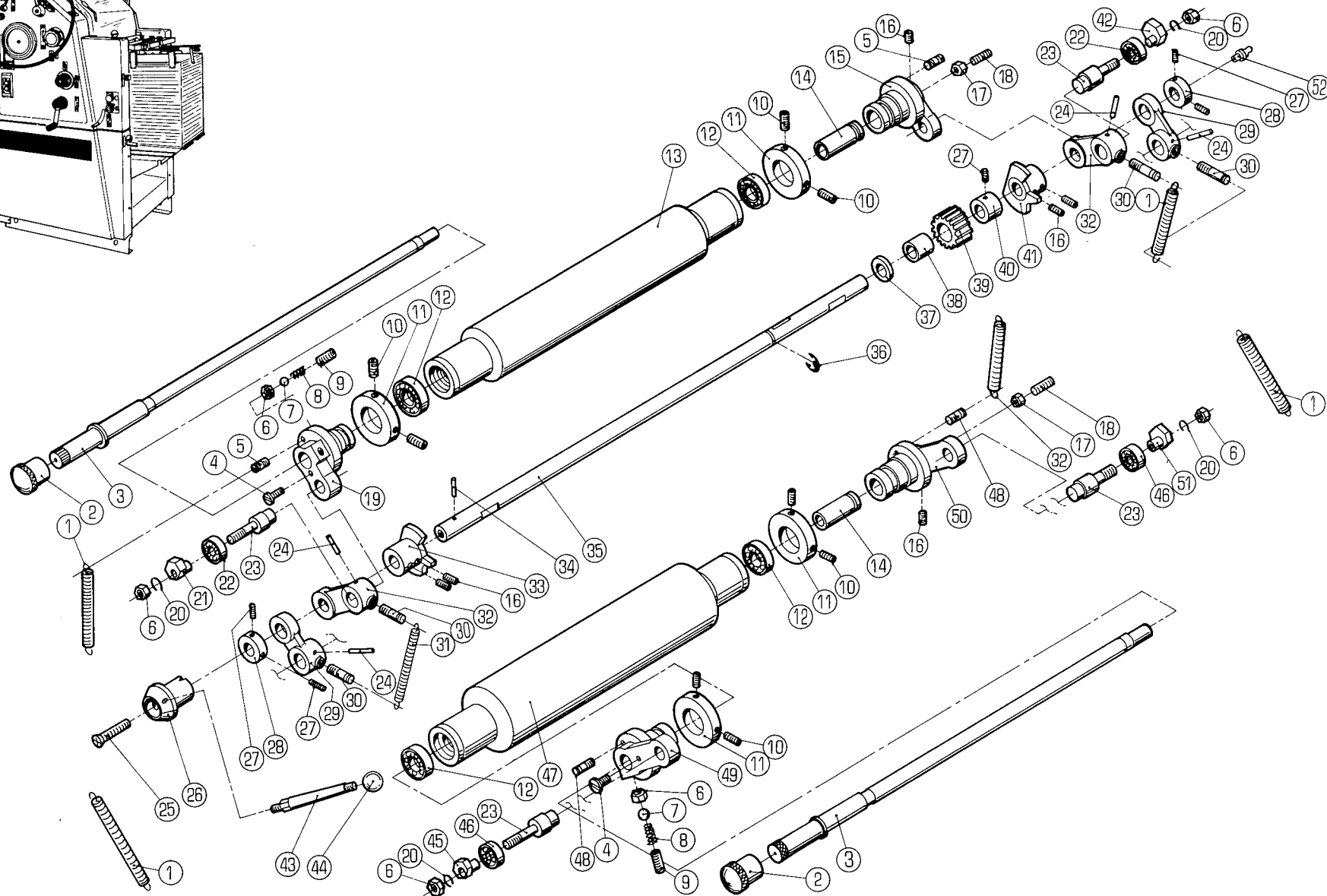
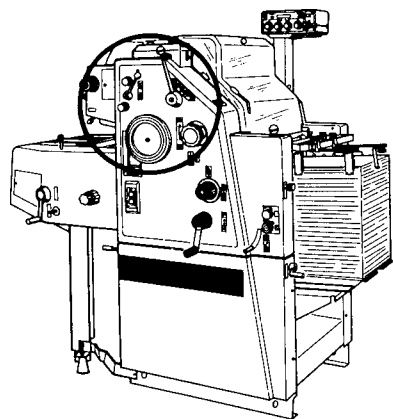
Y-f1,3 106 MASTER CYLINDER SECTION



-1-\$, Li — —INS
FORM ROLLER SECTION

* it* tilt 1.*-14-ca5c1.- °CF
Note: When ordering items marked * indicate the set numbers because they are available in 38t on

NO.	PARTS NO.	t 4	PARTS NAME	is SET NO.	411 fil COMPONENT PARTS NO.	411 fil Q'ty
31	5290 52 119	" >	Spring			2
32	5290 52 115		Link			2
33	5290 52 140		Cam			1
34	9410 30 2008	03 X20	Spring pin, 03 X 20			1
35	5320 52 111	7 1-	Shaft			1
36	9721 12 0008	E 1.) > E-12	E-Ring, E-12			1
37	5290 29 317		Washer			1
38	5290 52 132-1	4 11,	Bushing			1
39	5290 52 131		Gear			1
40	5290 52 117	t 5—	Collar			1
41	5290 52 150		Cam			1
42	5290 51 744	>	Bushing			1
43	5290 52 122-1		Lever			1
44	90 752		Ball grip			1
44	5296 33 564-1		Ball grip (I tek)			1
45	5290 51 823	"V	Bushing			1
46	90 206	4<7 1) /' 6201 Z Z	Bearing, 6201ZZ			2
47	5322 51 810	D7— 7 —JkD 5—	Lower form Foller			1
48	5290 51 822		Spring stud			2
t9	5290 51 821	V' 5 '7	Bracket			1
i0	5290 51 831	π	Bracket			1
	5290 51 832	iv •.: /> / ^	Bushing			1
2	91 250	21" -f)L· t	Oil cup			1

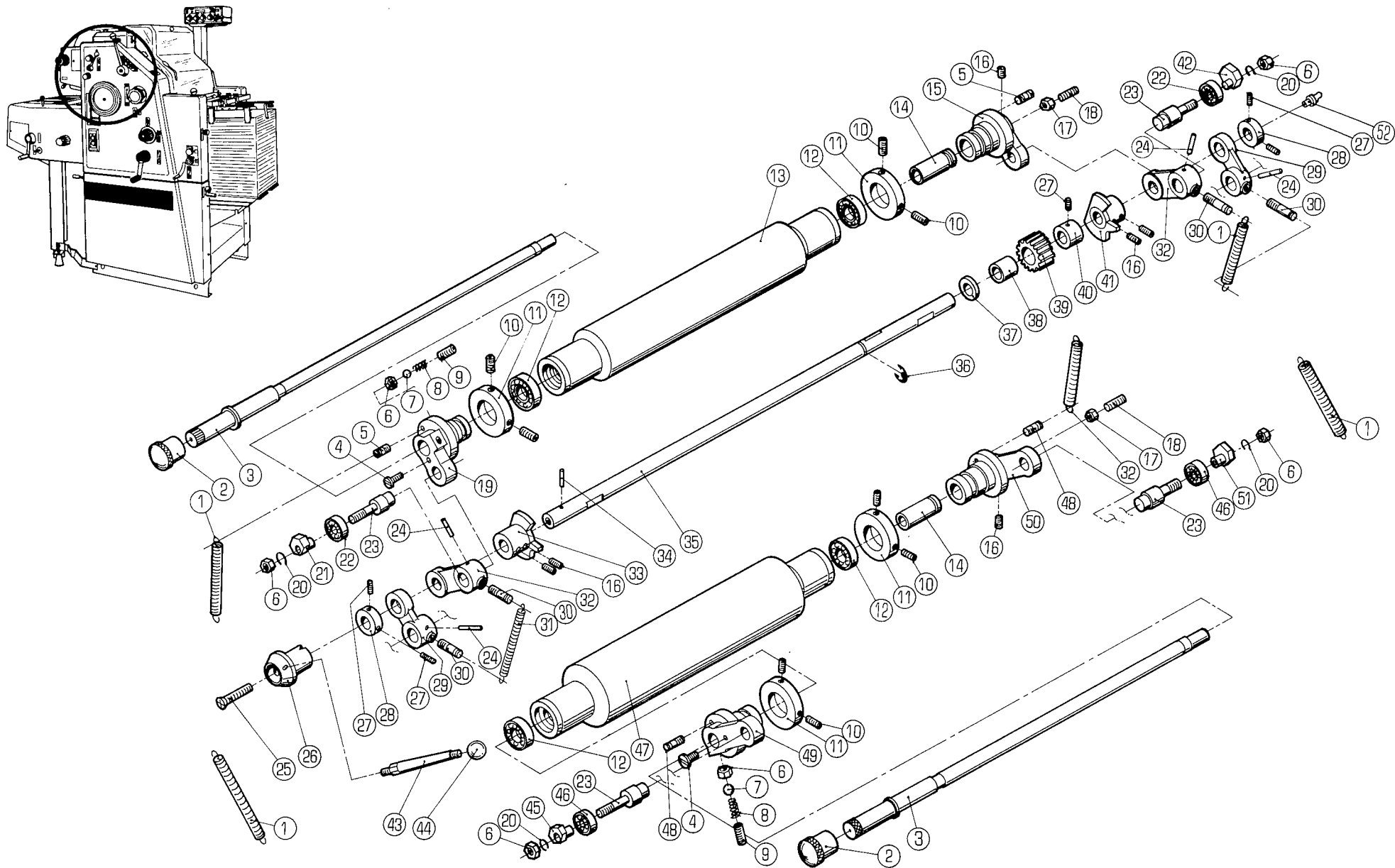


FORM ROLLER SECTION

*C.091111rflall*AVII8;111-T tiTt/v0`e, 1-1113-VASC "C F t
Note: When ordering items marked * indicate the set numbers because they are available in set or

NO.	nit AI PARTS NO.	t	PARTS NAME	't F * SET NO.	COMPONENT PARTS NO.	111 Q'ty
1	5290 51 123	I)	Spring			4
2	5290 51 722		Knob			2
3	5320 51 721	7 I.-	Shaft			2
4	5290 51 735		Pin			2
5	5290 51 732	A7'9 : 1117	Spring stud			2
6	9660 08 0014	F M 8	Hexagon nut, M8			6
• 7	90 401	—J1,7K—JI, 3/16"	Steel ball, 3/16"	5290 51 730	7, 8, 9	2
• 8	5290 51 083	A7 9	Spring	5290 51 730	7, 8, 9	2
9	5290 51 733	*'J	Screw	5290 51 730	7, 8, 9	2
10	9684 06 0608	Aft i17I.± •t M 6 X 6	Hexagon socket head set-screw, M6 X 6			8
11	5290 51 736	t —	Lock collar			4
12	90 205	•< 7t) >i 6001L L B	Bearing, 6001LLB			4
13	5322 51 700	7 v — 7 4- —141:1— —	Upper form roller			1
14	5290 51 742	401,Y—	Holder			1
15	5290 51 741	5'r ' is	Bracket			1
16	9684 06 0608	Aft M 6 X 6	Hexagon socket head set-screw, M6 X 6			6
17	9660 06 0014	F M 6	Hexagon, nut, M6			2
18	9684 06 1608	itIE y' M 6 x 16	Hexagon socket head set-screw, M6 X16			2
19	5290 51 731	7 v is	Bracket			1
20	9710 08 0008	/C OIk M 8	Spring washer, M8			4
21	5290 51 738	7v	Bushing			1
22	90 204	•<7 /' 6001Z Z	Bearing, 6001ZZ			2
23	5290 51 737	iU	Pin			2
24	9410 30 2508	A7 9 03 X25	Spring pin, 03 X 25			4
25	5290 22 318		Screw			1
26	5290 52 121-1		Boss			1
27	9684 05 0508	AI 'POtit y' 4' M 5 X 5	Hexagon socket head set-screw, M5 X 5			5
28	5290 52 112	jI iJ 5 —	Lock collar			2
29	5290 52 114	9	Link			2
30	5290 51 732	7 9 '14+ 7	Spring stud			4

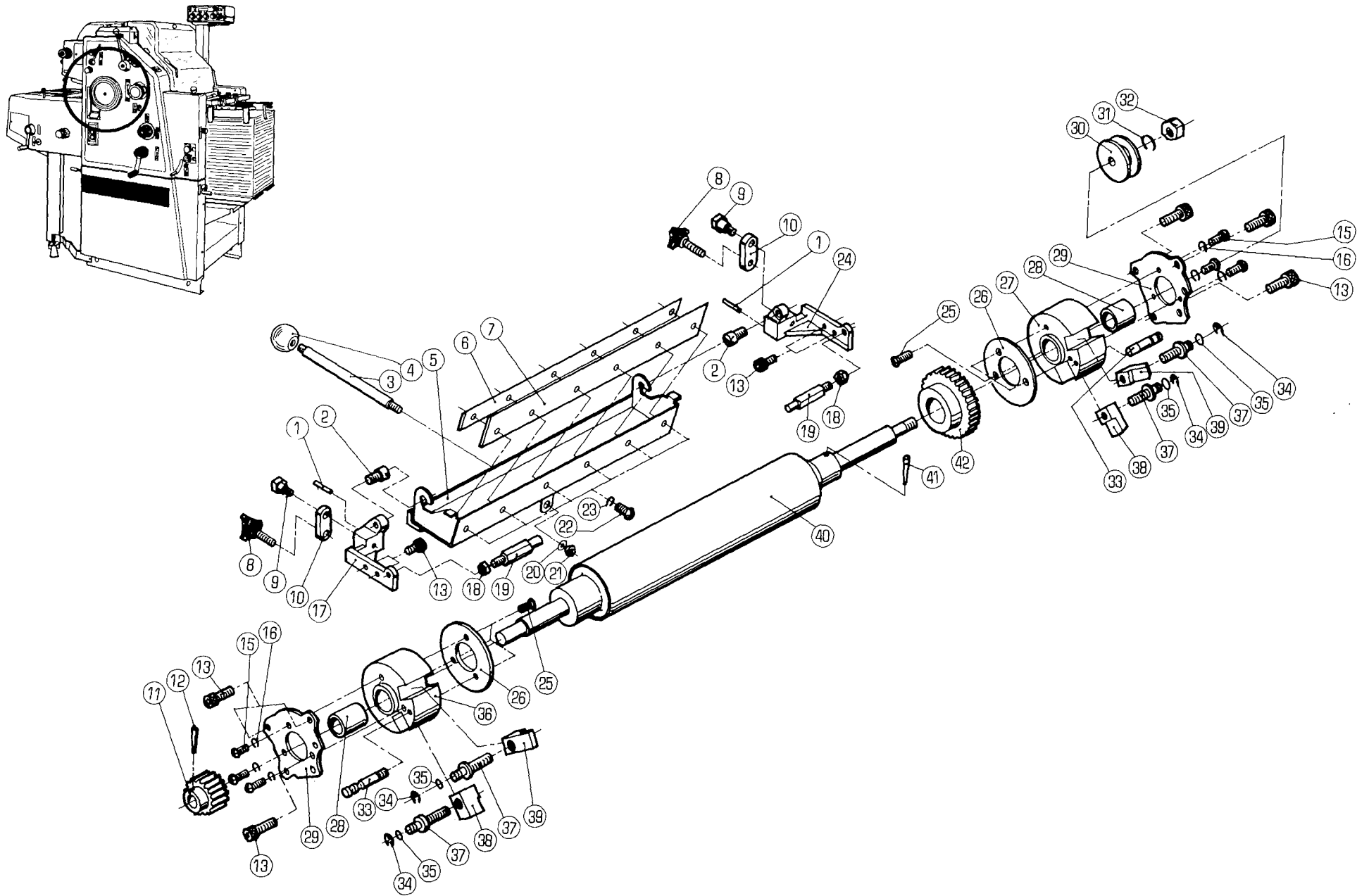
7 * -1. p -7 -VS 102 FORM ROLLER SECTION



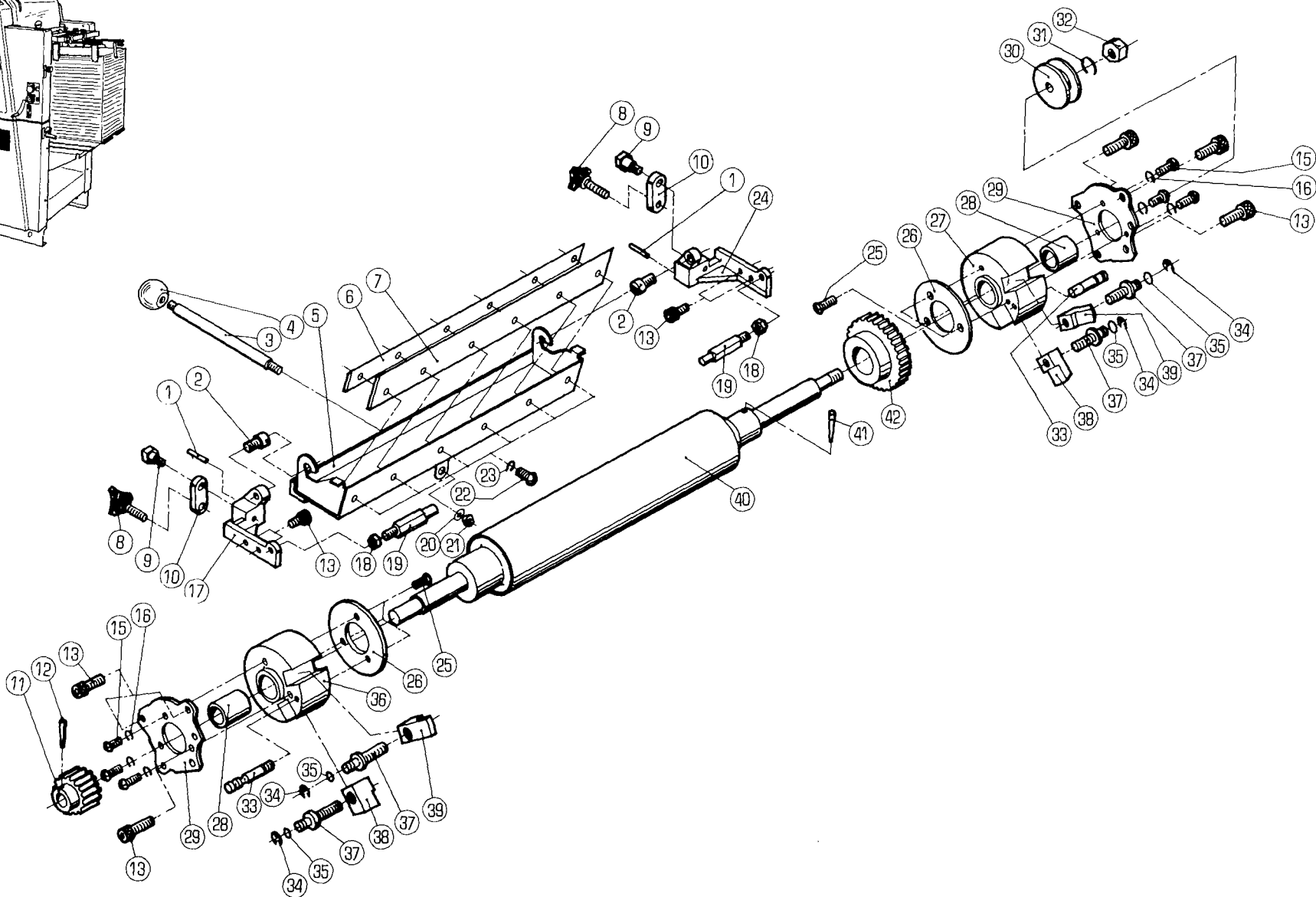
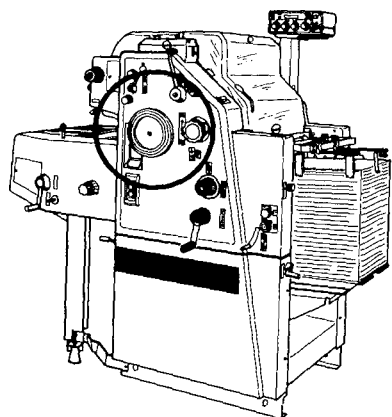
DOCTOR, INK OSCILLATING ROLLER SECTION

1-1141VAiC LT Ft
Note: When ordering items marked * indicate the set numbers because they are available in set on

NO.	PARTS NO.		PARTS NAME	SET NO.	COMPONENT PARTS NO.	IN ft Q'ty
31	9710 10 0008	1 s)1\$ M10	Spring washer, M10			1
32	90 701		U-nut			1
33	5290 51 427	A 1') .s. 91f5	Spring stud			2
34	90 610	.> E B E —60	Bent E-Ring, BE-60			4
35	9716 08 0014	M 8	Plain washer, M8			4
36	5290 51 422		Bushing holder			1
37	5290 51 424		Screw			4
38	5290 51 426	11=1	Block			2
39	5290 51 425	11=I V 9	Block			2
40	5322 51 410	-f Li — 7	Ink oscillating roller			1
41	9411 40 5000	04 X50	Taper pin, 04X50			1
42	5290 51 412-1	*A ⁷ —	Gear			1



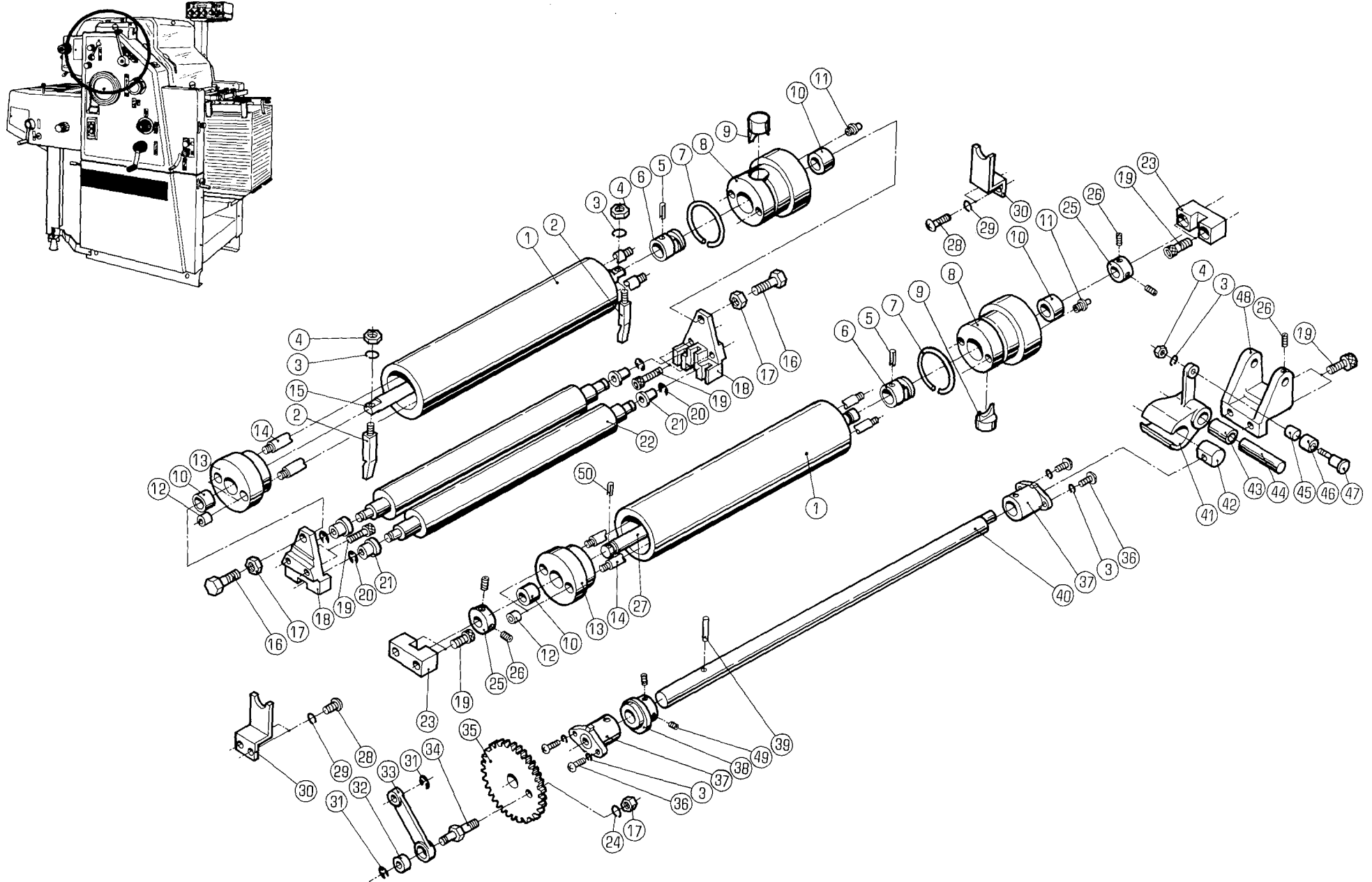
NO.	PARTS NO.	ifs en	PARTS NAME	SET NO.	COMPONENT PARTS NO.	Q'ty
1	9410 30 1608	Ø3X16	Spring pin, 03X16			2
2	5290 52 532		Pin			2
3	5290 52 523		Lever			
4	90 752		Ball grip			
4	5296 33 564-1		Ball grip (I tek)			
5	5310 52 510		Doctor			
6	5310 52 522	7"L.— I-	Plate			
7	5310 52 521	—	Blade			
8	90 740	1 J401, M 5 X15	Knob bolt, M5 X15			2
9	5290 52 535		Pin			2
10	5290 52 536	7`-4	Arm			2
11	5290 51 413	*A"—	Gear			
12	9411 40 3200	e.l, 04 X32	Taper pin, 04X32			
13	9670 06 2008	AitJ`Rtsi'7KJI, I- M 6 X20	Hexagon socket head bolt, M6 X 20			10
15	9642 05 1014	M 5 x10	Small pan head screw, M5 X 10			6
16	9710 05 0008	M 5	Spring washer, M5			6
17	5290 52 531	77'-`'I-	Bracket			
18	9660 05 0014	7`-Y M 5	Hexagon nut, M5			2
19	5290 52 533	'557`./	Bracket			2
20	9716 06 0014	ni 6	Plain washer, M6			
21	9660 06 0014	J` M 6	Hexagon nut, M6			
!2	9642 04 1014	tr</Ms!; M 4 X10	Small pan head screw, M4X10			6
!3	9710 04 0008	• i sak M 4	Spring washer, M4			6
'4	5290 52 534	j`5/7" f	Bracket			
5	9648 05 1014	/111/1\ 'MS X10	Small flush head screw, M5 X10			6
6	5290 51 423		Cover			2
7	5290 51 428		Bushing holder			
	5290 51 043	)(	Bushing			2
3	5290 51 421	7PL/—	Plate			2
0	5290 51 414	'	Coupling			



Roller, Rider Oscillating Roller Section

111rPoltilaCelt8S I-T*.t/v0T, 111.1TASC L t
Note: When ordering items marked * indicate the set numbers because they are available in set or

NO.	III PARTS NO.	411	t T1F	PARTS NAME	t- SET NO.	* COMPONENT PARTS NO.	1 P1 Q'ty
31	9721 07 0008	E	E— 7	E-Ring, E-7			2
32	5290 21 212	)1,		Bushing			1
33	5290 51 232	)		Link			1
34	5290 51 231			Pin			1
35	5290 51 212			Gear			1
36	9642 05 1614	</W.)	M 5 X16	Small pan head screw, M5 X16			4
37	5290 29 210	;)1,		Bushing			2
38	5290 51 213	/314		Cam			1
39	9410 30 2508		03 X25	Spring, pin, 0 3 X 25			1
40	5310 51 211	7 I-		Shaft			1
41	5290 51 431			Lever			1
42	5290 51 435	)1,		Bushing			1
43	5290 51 432	▣)1,		Bushing			1
44	5290 51 433	7 1-		Shaft			1
45	5290 51 437			Collar			1
46	90 230	0 — 5 —		Roller			1
47	5290 51 436			Pin			1
48	5290 51 434	7 5 /7 I-		Bracket			1
49	9684 0606 08		* III 6 X 6	Hexagon socket head set-screw, M6 x 6			2
50	9410 3030 08		sa' 3 x 30	Spring pin, 3 x 30			1

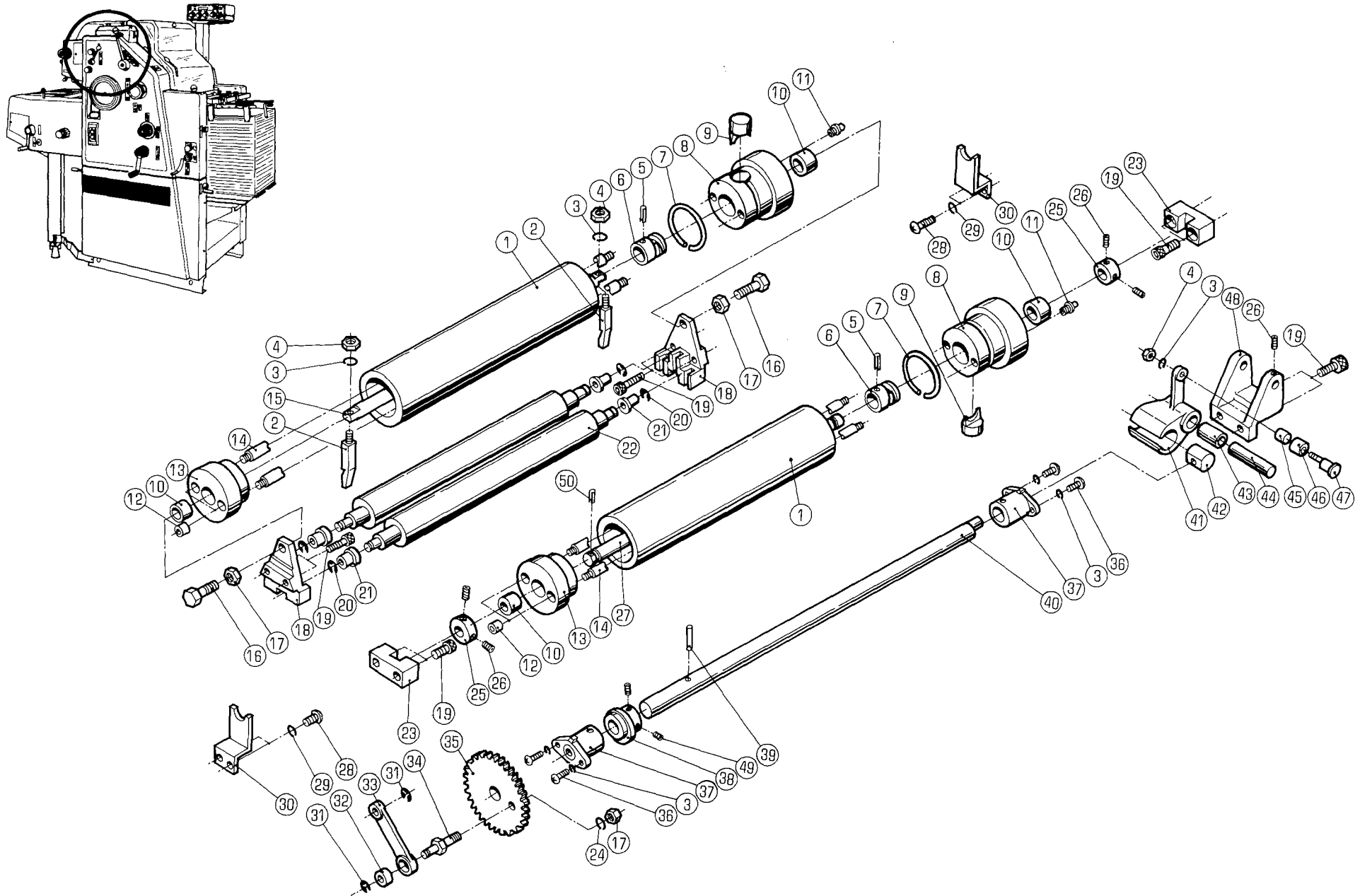


INK ROLLER, RIDER OSCILLATING ROLLER SECTION

Note: When ordering items marked * indicate the set numbers because they are available in set or

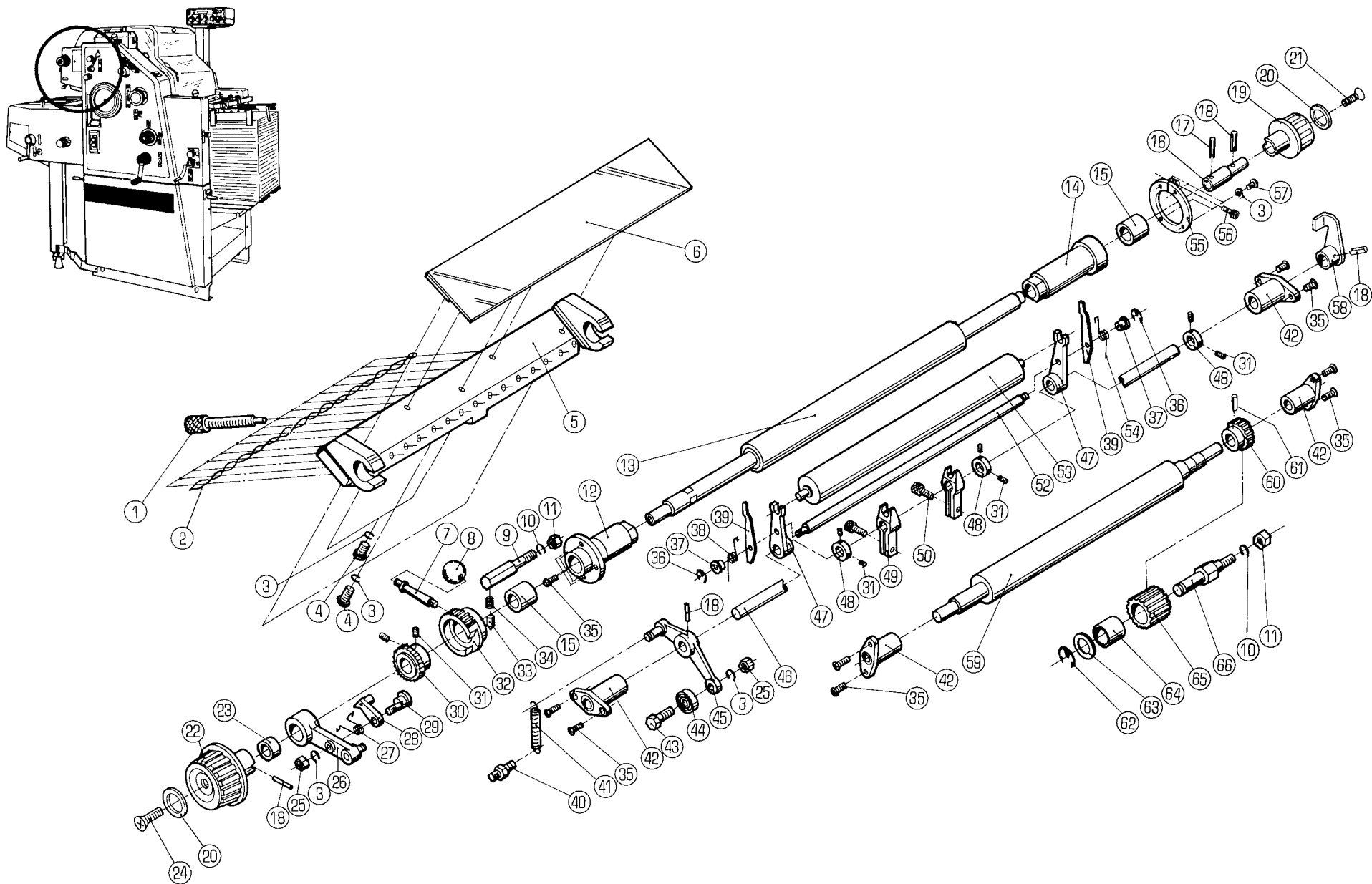
NO.	AMg PARTS NO.	fig;rb tft	PARTS NAME	F- SET NO.	COMPONENT PARTS NO.	1I k Q'ty
1	5322 51 610-1	5-f •It —A`F., 1. -5`4 :1	Rider oscillating roller			2
2	5290 51 623	7 7 h	Foot			2
3	9710 05 0008	re.*&* M 5	Spring washer, M5			7
4	9660 05 0014	Aftit 7 M 5	Hexagon nut, M5			3
5	9410 3020 08	3 x 20	Spring pin, 0 3 x 20			2
6	5290 51 622-1	t	Cam	5290 51 640-1	6, 9	2
7	5300 51 633		Spring			2
8	5300 51 631	5`/1.:101`3`—	Housing			2
9	5290 51 632-1	JR	Claw	5290 51 640-1	6, 9	2
10	5290 51 642-1	.)(` )1`	Bushing			2
11	91 254	•7j1,	Grease nipple			2
12	5300 51 644	/- 7 h	Nut			4
13	5300 51 641	)(3`/1,:1:11`5`—	Housing			2
14	5322 51 643	,dt 7 h	Shaft			4
15	5322 51 621	7 h	Shaft			1
16	9672 06 1614	%KA` h M 6 x 16	Hexagon headed bolt, M6 x 16			2
17	9660 06 0014	tdij M 6	Hexagon nut, M6			2
18	5290 51 522	7 1`	Bracket			2
19	9670 06 2008	m 6 x 20	Hexagon socket head bolt, M6 x 20			10
20	90 601	CE CE — 8	CE-Ring, CE-8			4
21	5290 51 521	\$ri1.	Bushing			4
22	5322 51 510	-f t.5` FUea— \$` — gi —	Ink distributor roller			2
23	5322 51 931	75` 2	Bracket			2
24	9710 06 0008	/1*`& M 6	Spring washer, M6			1
25	5290 29 315	t 5 —	Lock collar			2
	9684 05 0508	M 5 x 5	Hexagon socket head set-screw, M5 x 5			5
	5322 51 921	zi-1` t•	Shaft			1
	9642 0510 14	M 5 x 10	Small pan head screw, M5 x 10			4
9	9710 0500 14	/1.*gglk M5	Spring washer, M5			4
0	5322 51 932	75 IY•	Bracket			2

—gr 94 INK ROLLER, RIDER OSCILLATING ROLLER SECTION



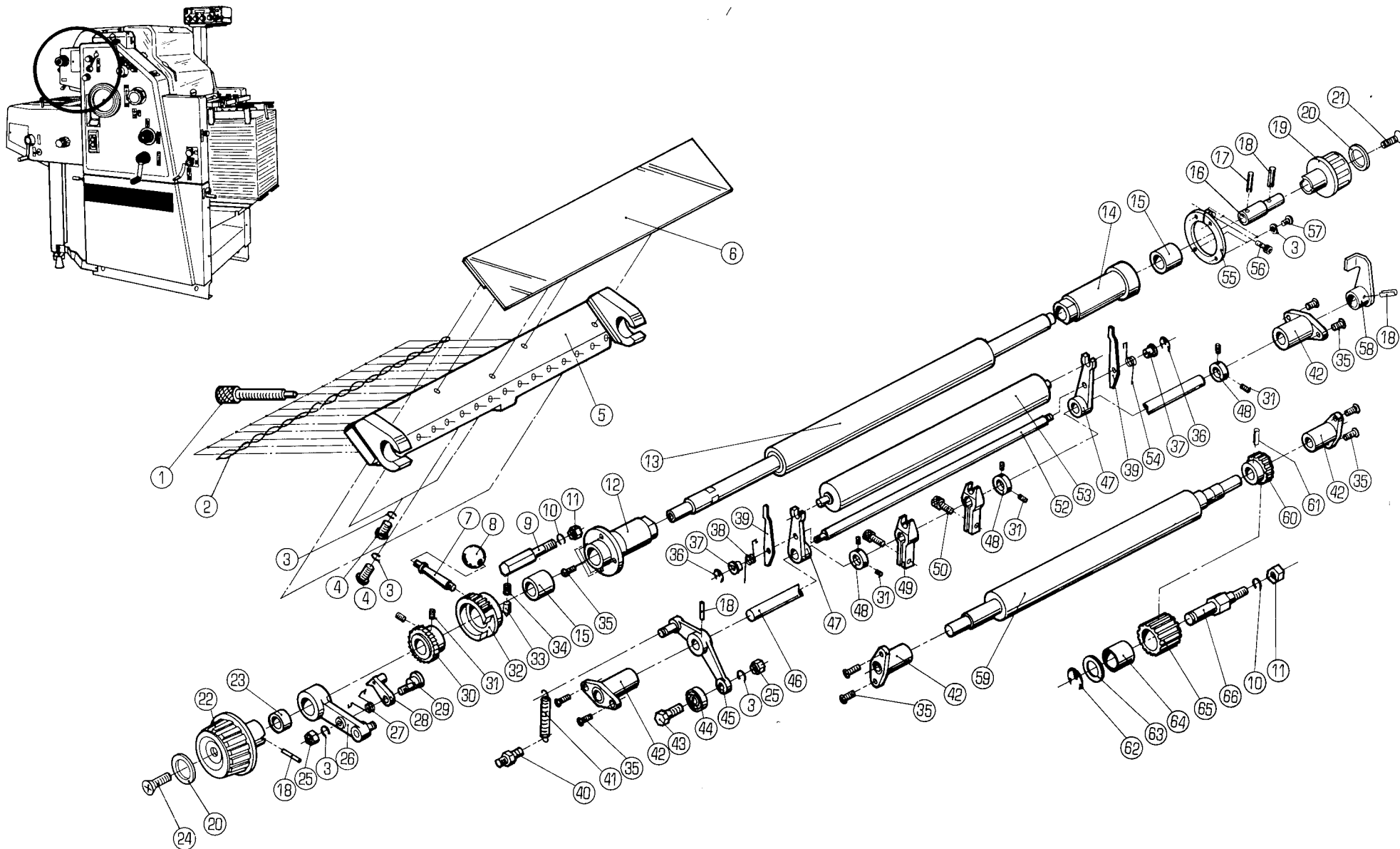
Note: When ordering •Items marked * indicate the set numbers because they are available in set only

NO.	tr PARTS NO.	PARTS NAME	tz 'i I- SET NO.	44 COMPONENT PARTS NO.	MI ler Q'ty
59	5322 51 310	-f > #7 7 — D —5—			1
60	5290 51 312				1
61	9410 30 2508	°) 't _' 03 X25			1
62	9721 10 0008	E E-10			1
63	5290 29 311				1
64	5290 51 322				1
65	5290 51 321				1
66	5290 51 323				1

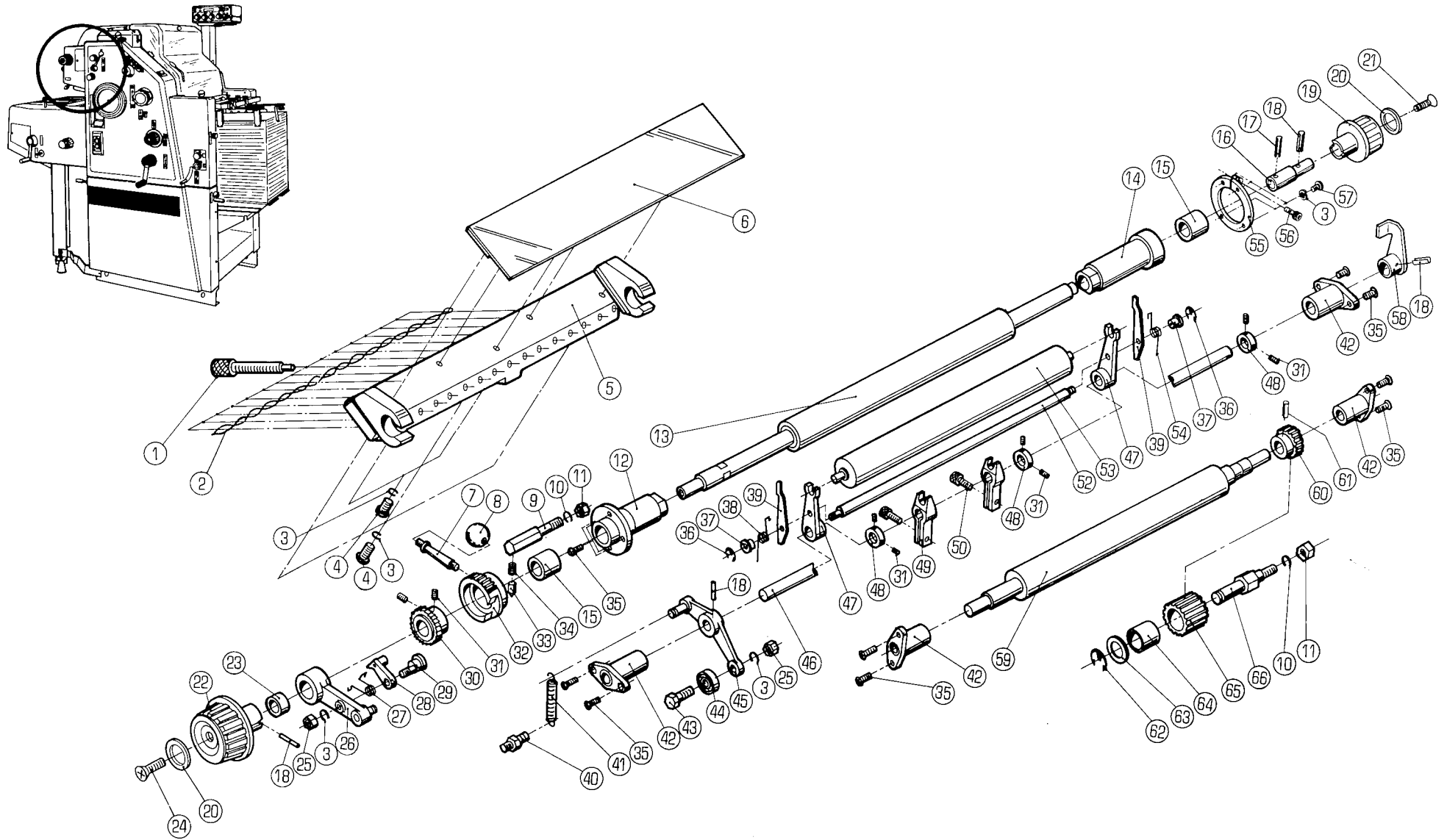


***01111111tiILAVIttSLV*It/.0)e, thvb*-11·VA3t**
Note: When ordering items marked * indicate the set numbers because they are available in at oft

NO.	PARTS NO.	PARTS NAME	Q'ty
28	5290 51 070	Pawl	1
29	5290 51 063	Pin	1
30	5290 51 053	Ratchet	1
31	9684 05 0508	Hexagon socket head set-screw, M5 X 5	8
32	5290 51 051	Ring	1
33	5290 51 082	Pawl	1
34	5290 51 083	Spring	1
35	9648 05 1614	Small flush head screw, M5 X16	4
36	9721 04 0008	E-Ring, E-4	2
37	5290 51 135	Collar	2
38	5290 51 133	Spring	1
39	5290 51 132-1	Ratch	2
40	5290 37 433	Spring stud	1
41	5290 51 123	Spring	1
12	5290 29 220	Bushing	4
13	5290 51 122	Pin	1
	90 200	Bearing 607ZZ	1
15	5290 51 120	Lever	1
16	5310 51 111	Shaft	1
17	5290 51 131	Arm	2
18	5290 29 315	Lock collar	3
19	5290 51 112	Arm	2
	9670 06 2008	Hexagon socket head bolt, M6 X 20	2
	5322 51 136	Stay	1
	5322 51 140	Ink ductor roller	1
	5290 51 134	Spring	1
	5290 51 090	Clamp	1
	9670 05 1608	Hexagon socket head bolt, M5 X16	1
	9642 05 1014	Small pan head screw, M5 X10	4
	5300 51 150	Arm	1



INK FOUNTAIN SECTION		*C0111SaltAidt`eft8511-V*1tA.0`e, 1-11`,TASE L.`CF			Note: When ordering items marked * indicate the set numbers because they are available in set on	
NO.	fill PARTS NO.	gri	IF	PARTS NAME	SET NO	IN Pt Q'ty
1	5290 51 014	7KJI,		Bolt		16
2	5310 51 015	r7 -f		Wire		1
3	9710 05 0008		rvi 5	Spring washer, M5		11
4	9642 05 1614		M 5 X16	Small pan head-screw, M5 X16		5
5	5322 51 010			Base	5322 51 000	5 , 6 , 13
6	5322 51 020	—		Blade	5322 51 000	5 , 6 , 13
7	5290 51 052			Lever		1
8	90 752	-M*`),.1		Ball grip		1
8	5296 33 564-1			Ball grip (I tek)		1
9	5290 51 081	9 V F-		Stud		1
10	9710 08 0008	/ s k M 8		Spring washer, M8		2
11	9660 08 0014	-)- M 8		Hexagon, nut, M8		2
12	5290 51 041	)()rt it`9" —		Bushing holder		1
13	5322 51 030			Ink fountain roller	5322 51 000	5 , 6 , 13
[4	5290 51 042-1	9 JI.7h)I- —		Bushing holder		1
1,5	5290 51 043	,(9		Bushing		2
6	5290 51 032	t 7 I-		Shaft		1
7	9410 30 1608	7`1) 0 3x16		Spring pin, 03 X 16		1
8	9410 30 2008	2,7`') 1/ e.s.. 03 X20		Spring pin, 03X20		3
9	5310 24 314	1 V`		Knob		1
9	5300 24 314			Knob (I tek)		1
	5300 22 317	—		Plate		2
	9650 06 4014	/,1\`ts M 6 X40		Small oval counter-sunk screw, M6 X40		1
	5310 51 054	1		Knob		1
	5300 51 054			Knob (I tek)		1
	5290 33 214	)(9 11,		Bushing		1
	5290 22 318			Screw		1
	9660 05 0014	Aft) J` F. M 5		Hexagon nut, M5		2
	5290 51 060	7— L,		Arm		1
	5290 51 064			Spring		1

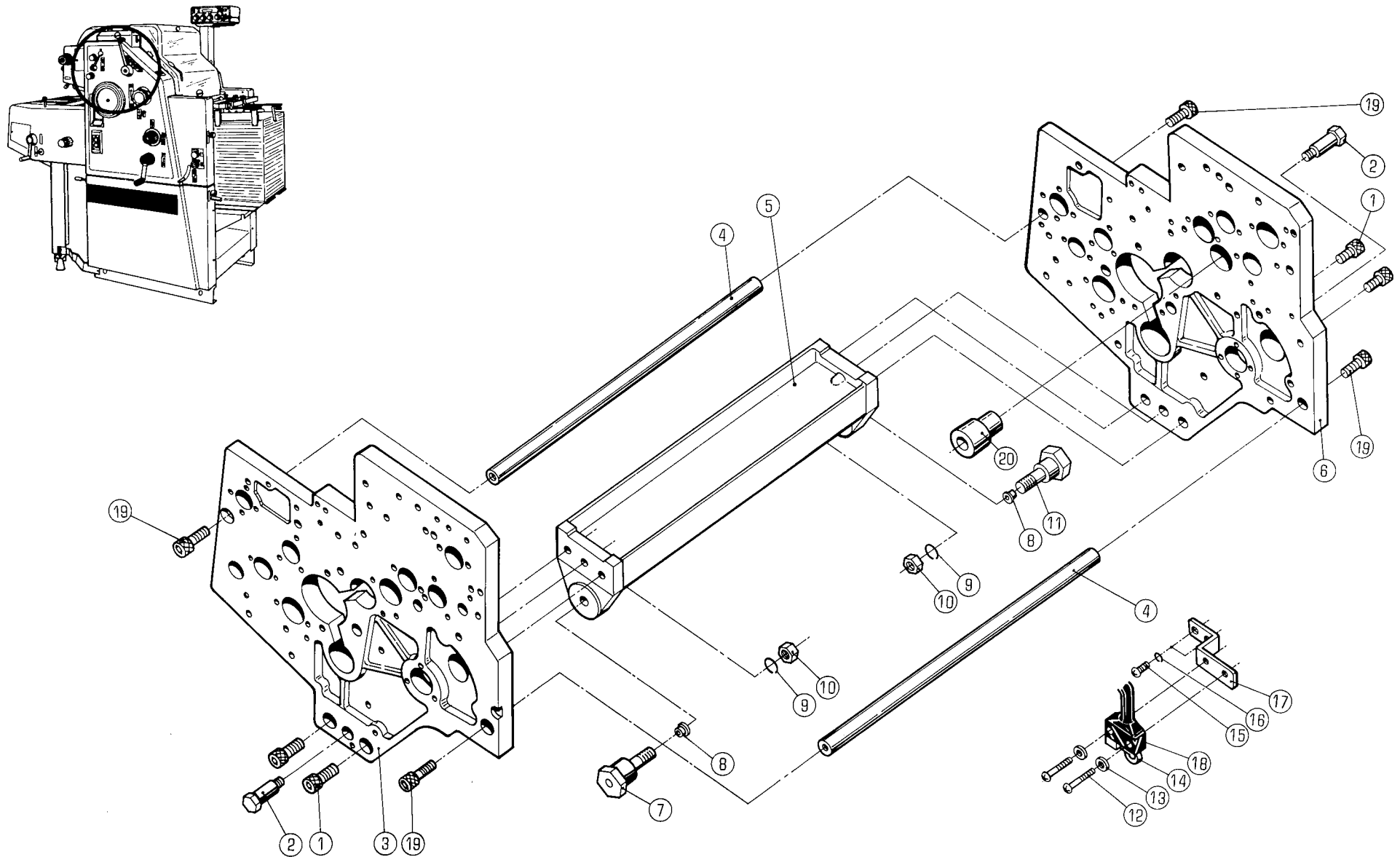


— .Affis
INK FRAME SECTION

*7-011SaltilighTfiliALT*1t/v0T, Fik01: TAlt L CF
Note: When ordering items marked * indicate the set numbers because they are available in Set oru

NO.	gl3 1311 PARTS NO.	iff1 t	PARTS NAME	SET NO.	COMPONENT PARTS NO.	111 ft(Q'ty
1	9670 08 2508	41 7li)l, M 8 X25	Hexagon socket head bolt, M8 X 25			4
2	5290 55 314		Pin			2
3	5322 55 111	7L'—L,	Frame			1
4	5310 55 315	7 —	Stay			2
5	5310 55 311	7 L.—	Frame			1
6	5322 55 211	7 1..-14	Frame			1
7	5290 55 312					1
8	91 250	-f	Oil cup			2
9	9710 12 0008	i s/It M12	Spring washer, M12			2
10	9660 12 0014	M12	Hexagon nut, M12			2
11	5290 55 313-1	e	Pin			1
12	9642 04 2514	M 4 X25	Small pan head screw, M4 X 2 5			2
13	9716 04 0014	M 4	Plain washer, M4			2
14	95 110	-1 'i 3	Switch			1
15	9642 05 1014	1</i>.1'.ts MS X10	Small pan head screw, M5 X 10			2
16	9710 05 0008	/ sCik M 5	Spring washer, M5			2
17	5322 52 257	j`5	Bracket			1
[8	95 115		Switch cover			1
9	9670 08 1608	icitri 17t7ti/l. M 8 X16	Hexagon socket head bolt, M8 X 16			4
	5322 55 212	7	Bushing			1

4, 't- 7 I, - An 86 INK FRAME SECTION



WATER AND INK SECTION

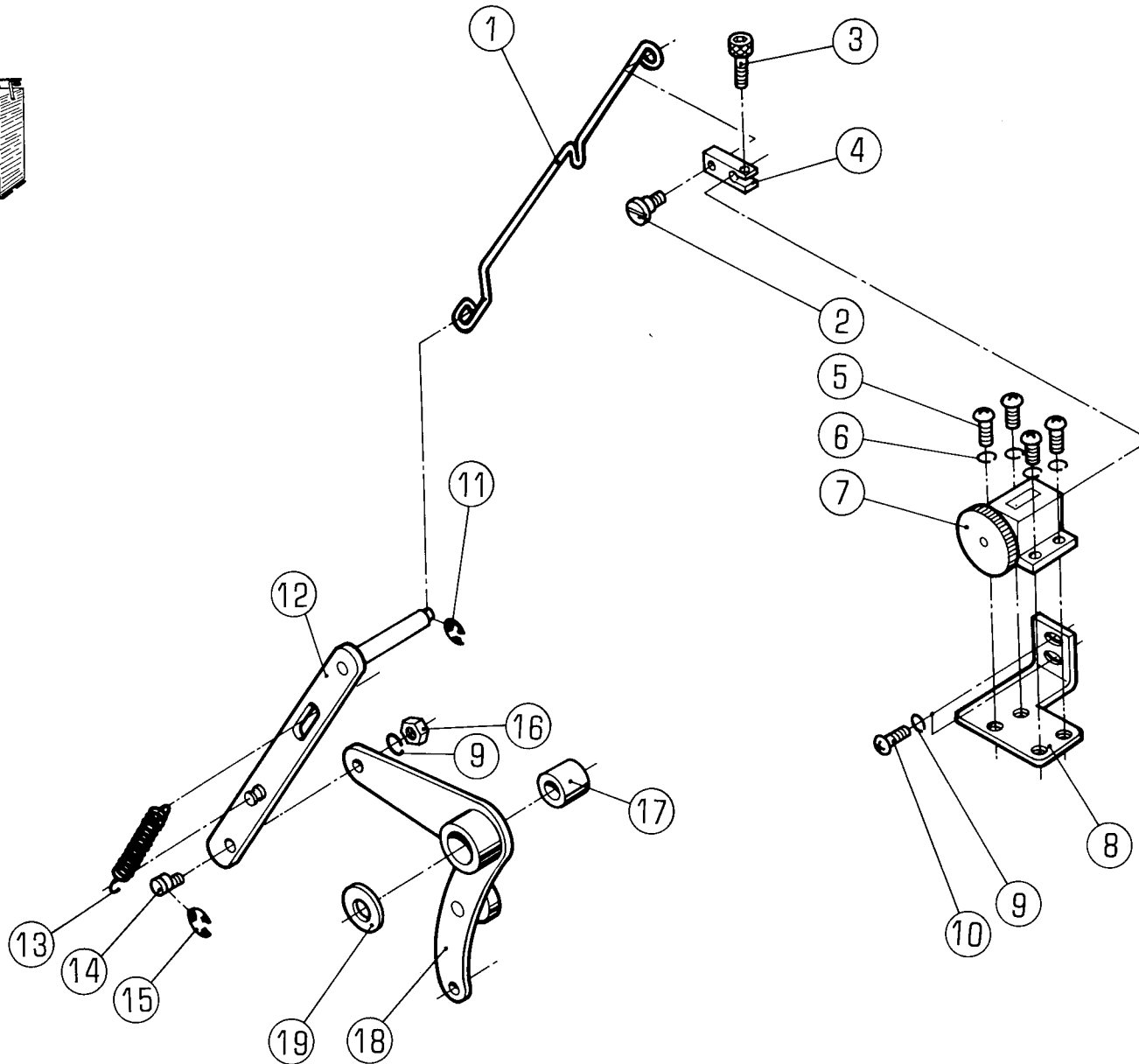
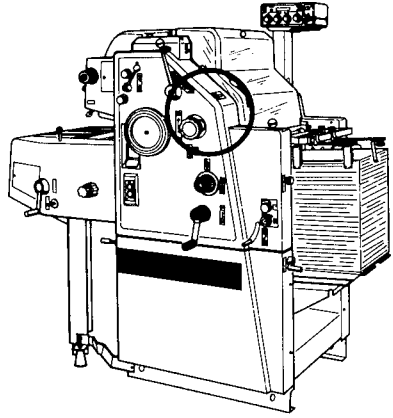
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.firz M/J a
 COUNTER DRIVING SECTION

*Z0*ISAIKATII8:11LT**1t/v0V, 1-11HITMSC L CT
 Note: When ordering items marked * indicate the set numbers because they are available in sat only

NO.	AO PARTS NO.	PARTS NAME	SET NO.	COMPONENT PARTS NO.	Q'ty
1	5322 35 132	リンク			1
2	5290 35 135	ピン			1
3	9670 03 1008	六角穴付ボルト M 3 × 10			1
4	5290 35 134	レバー			1
5	9642 03 0614	ナベ小ネジ M 3 × 6			4
6	9710 03 0008	バネ座金 M 3			4
7	91 000	カウンター			1
8	5290 35 133	ブラケット			1
9	9710 05 0008	バネ座金 M 5			3
10	9642 05 1014	ナベ小ネジ M 5 × 10			2
1	9721 04 0008	E リング E - 4			1
2	5322 35 120	リンク			1
3	5290 35 136	Spring			1
4	5290 21 123	Pin			1
5	9721 07 0008	E-Ring, E-7			1
5	9660 05 0014	Hexagon nut, M5			1
7	5290 37 513	Bushing			1
3	5290 35 110	Lever			1
	5290 29 311	Washer			1

t -lcahn 82 COUNTER DRIVING SECTION



4-4 + 11

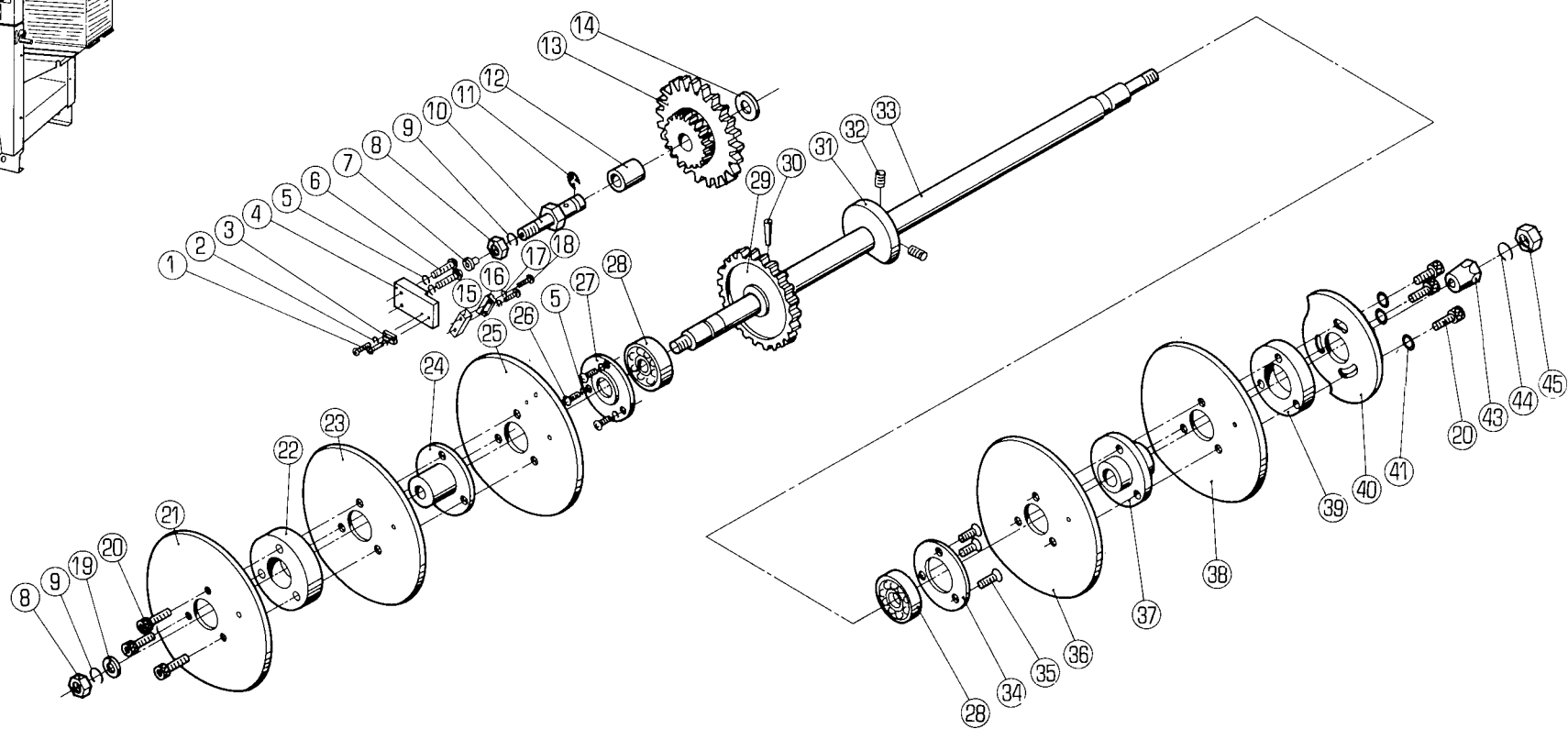
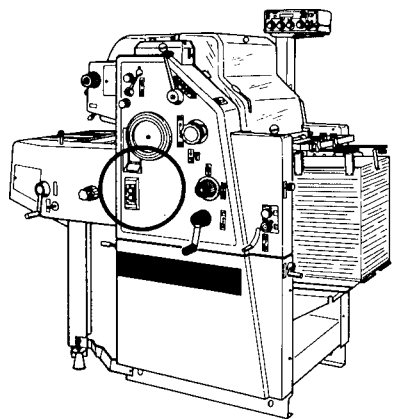
CAM SHAFT SECTION

GOtOrgatiNigs eiltS L.T ~ltt rare, 1 aSC CT

Note: When ordering items marked * indicate the set numbers because they are available in sot onlj

NO.	iff1 in it 9 PARTS NO.		PARTS NAME	SET NO.	COMPONENT PARTS NO.	IN /A Q'ty
31	5290 26 123	#4PiEt L.	Delivery cam			1
32	9684 06 0608	4fJJ t 1.* M 6 X 6	Hexagon socket head set screw, M6X 6			2
33	5310 26 121		Cam shaft			1
34	5290 26 124		Bearing cover			1
35	9648 05 1014	1111/1') M 5 X10	Small flush head screw, M5 X10			3
36	5290 26 214	—7-74 —i31	Feeler finger cam			1
37	5290 26 211	7i01 —	Holder			1
38	5290 26 215	.14	Cam			1
39	5290 26 212	t	Collar			1
10	5290 26 216	L,	Cam			1
11	9716 06 0014	M 6	Plaine washer, M6			3
13	5290 26 213	:f	Bushing			1
4	90 690	/ *-gt M10 ft:1	Spring washer, M10 (Left)			1
5	90 710	1- M10 fil	Hexagon nut, M10 (Left)			1

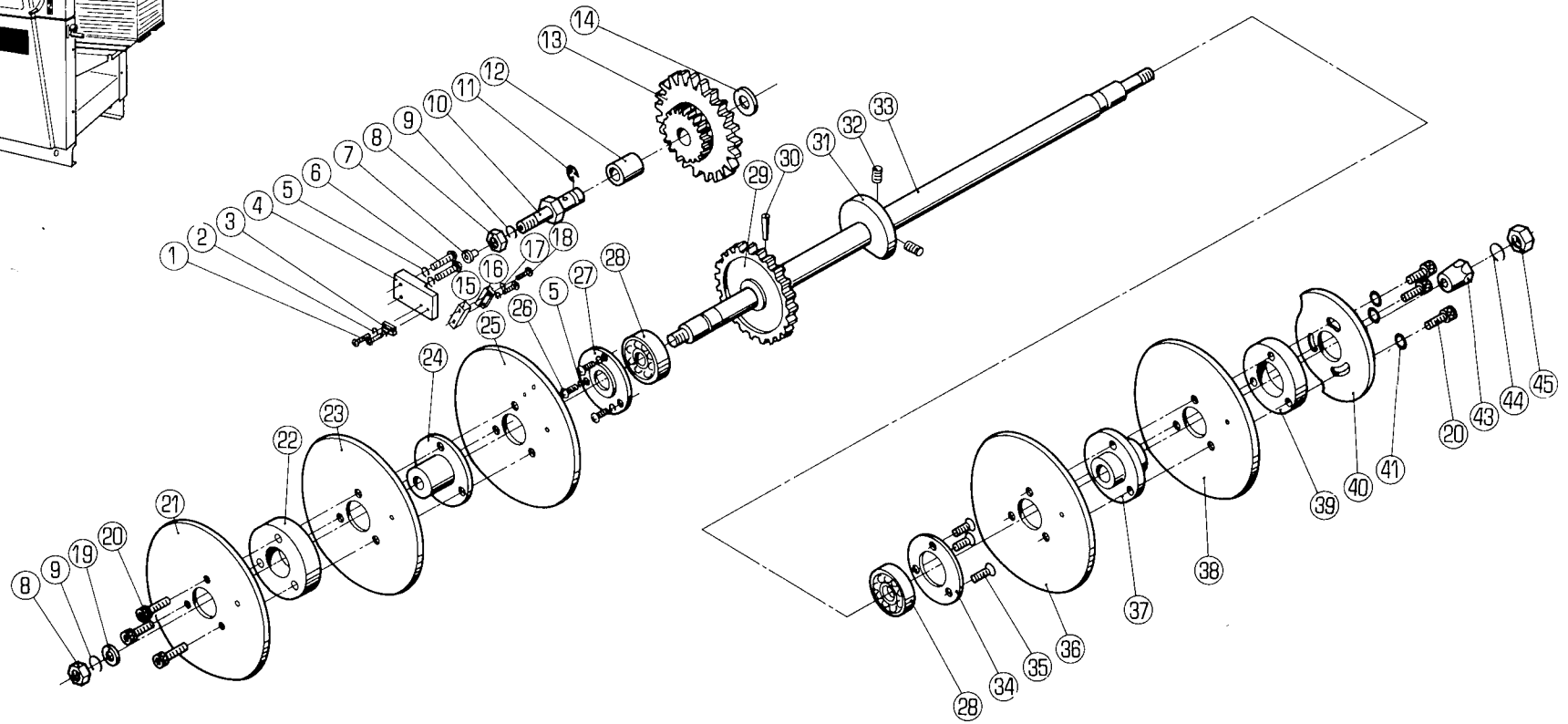
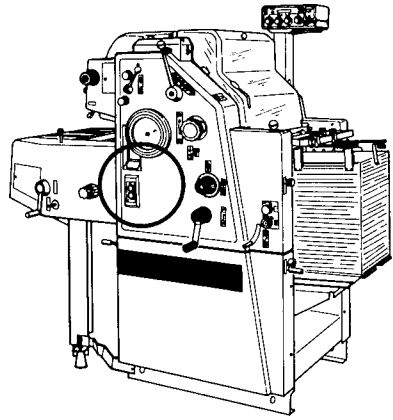
80 CAM SHAFT SECTION



AM SHAFT SECTION

NO.	PARTS NO.	113	PARTS NAME	SET NO.	COMPONENT PARTS NO.	* 111 Q'ty
	9642 02 0514	M 2 X 5	Small pan head screw, M2 x5			2
2	9710 02 0008	M 2	Spring washer, M2			2
3	97 500	—	Lead switch			1
4	5300 61 416	14	Switch base			1
5	9710 05 0008	M5	Spring washer, M5			5
6	9642 05 3014	/ '0.1') M5 X30	Small pan head screw, M5 X 30			2
7	91 250	-111-	Oil cup			1
8	9660 10 0014	fit t 1- M10	Hexagon nut, M10			2
9	9710 10 0008	Imo	Spring washer, M10			2
10	5290 26 113	A9	Stud			1
11	9721 10 0008	E ') E-10	E-Ring, E-10			1
12	5290 26 112	,k 9	Bushing			1
13	5290 26 111	=f3c*ki—	Two steps pulley			1
14	5290 29 311	/11	Washer			1
15	5300 61 415-1	2.-I'	Switch base			1
16	97 528	) -(7 ')	Lead switch magnet			1
7	9710 03 0008	M 3	Spring washer, M3			2
8	9642 03 1014	M 3 X10	Small pan head screw, M3 X10			2
9	9716 10 0014	Mbo	Plain washer, M10			1
0	9670 06 3508	Afit f07171i)1, M 6 X35	Hexagon socket head bolt, M6 X 35			6
1	5290 26 223	hvo7.4	Cam			1
2	5290 26 222	t 5—	Collar			1
	5290 26 224		Cam			1
	5290 26 221		Holder			1
	5300 26 225-2	/ -f t	Cam			1
	9642 05 1014	J--,<1,*) hi 5 X10	Small pan head screw, M5 X10			3
	5290 25 115	'<7')Ii9jJ/C—	Bearing cover			1
	90 207	,•< '7 I) > 9' 6203 L L B	Bearing 6203LLB			2
	5290 26 122		Gear			1
	9411 40 3200	t * SJ 04 X32	Taper pin, 04 X 32			1

t A 'S 78 CAM SHAFT SECTION

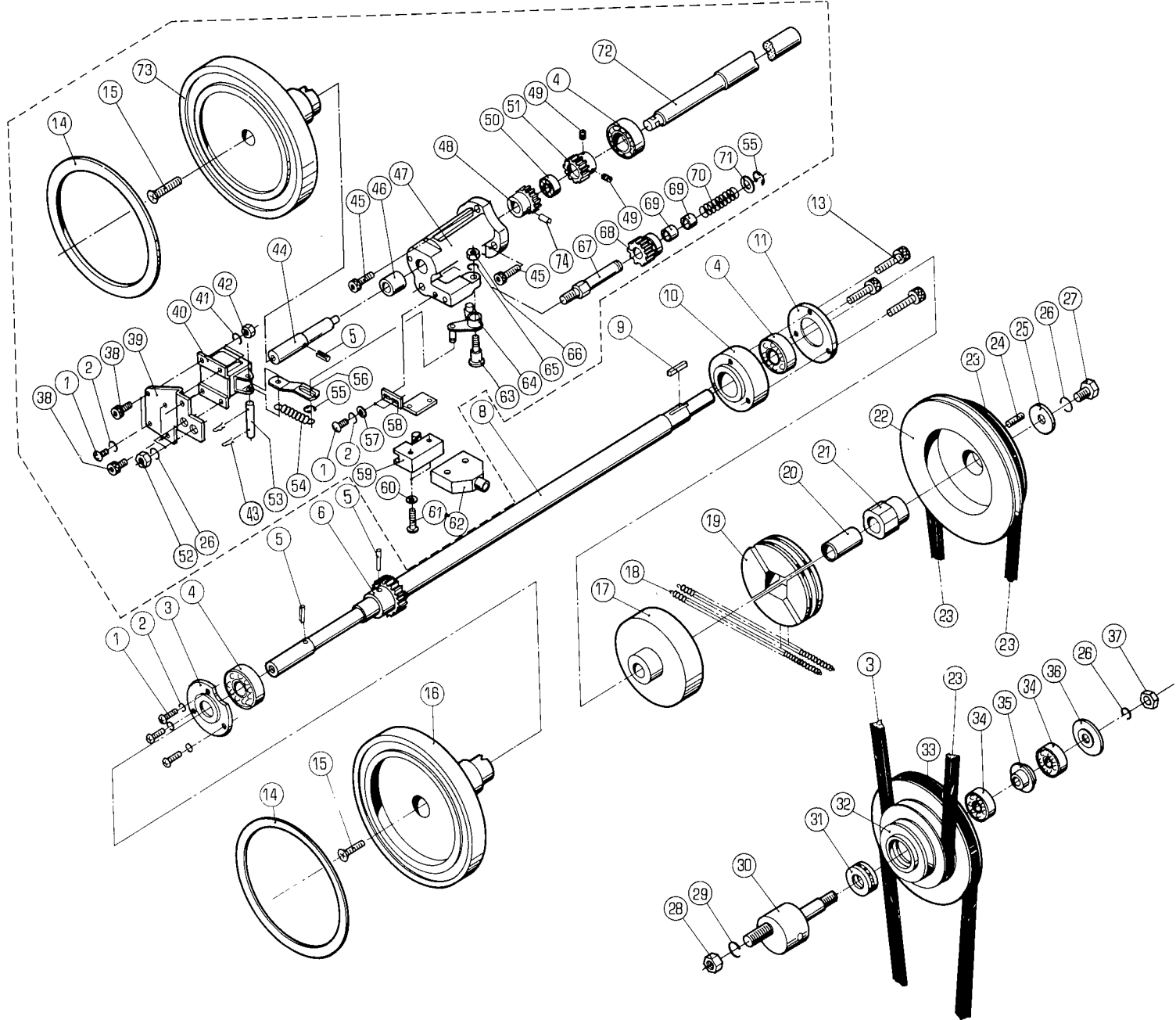
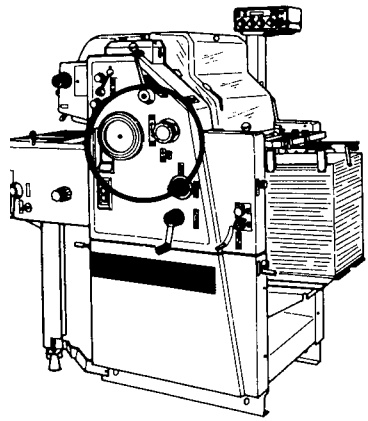


DRIVING SECTION

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/AIM 77 DRIVING SECTION



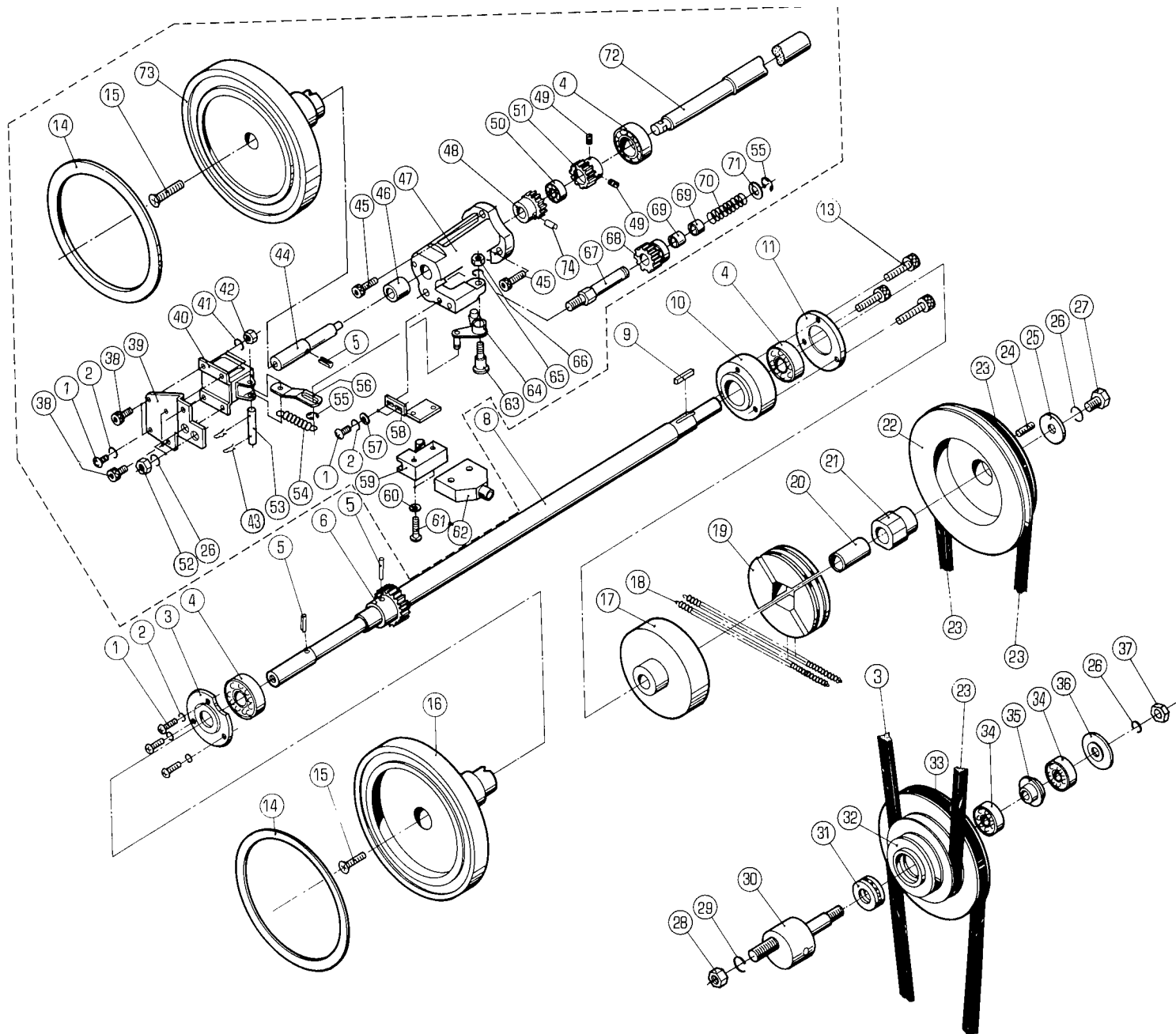
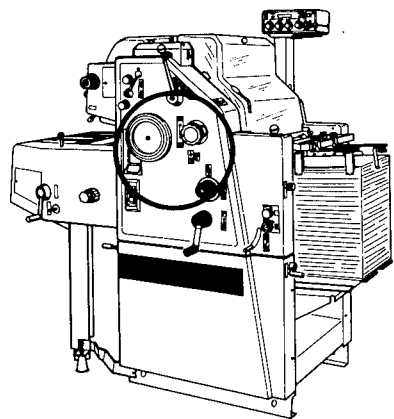
DRIVING SECTION

*.70)#\$AltltATItta LT**t/v0T, L T F

Note: When ordering items marked * indicate the set numbers because they are available in set only

NO.	PARTS NO.	PARTS NAME	SET NO.	411M 3- COMPONENT PARTS NO.	MIA Qty
31	90 220	≤ 7 ') 51103	Bearing 51103		1
32	5290 25 312	EIR – – (60Hz)	Three steps pulley (60Hz)		1
32	5290 25 313	afk7° – (50Hz)	Three steps pulley (50Hz)		
33	90 104	V e<il, F- A —cif (60Hz)	V-Belt A-41" (60Hz)		1
33	90 103	V r<Jl, t- A -40" (50Hz)	V-Belt A-40" (50Hz)		
34	90 206	/< V' 6201Z Z	Bearing 6201ZZ		
35	5290 25 314	t	Collar		1
36	5290 25 315		Bearing cover		1
37	9660 0800 14	Afilt f- M 8	Hexagon nut, M8		1
38	9670 0410 08		Hexagon socket head bolt, M4 x 10		4
39	5290 25 525		Bracket		1
40	97 633		Solenoid		1
41	9710 0400 08		Spring washer, M4		4
42	9660 0400 14		Hexagon nut, M4		4
43	90 628		Snap pin		2
44	5290 25 506-1		Shaft		1
45	9670 0520 08		Hexagon socket head bolt, M5 x 20		3
46	5290 21 612		Bushing		1
47	5290 25 502		Bracket		1
18	5290 25 504-1		Gear		1
19	9684 0606 08		Hexagon socket head set-screw, M6 x 6		2
50	90 308		Bearing		1
51	5290 25 503		Gear		1
i2	9660 0800 14		Hexagon nut, M8		2
	5290 25 524-1		Pin		1
4	5290 25 523		Spring		1
5	9721 0700 08		E-Ring, E-7		2
6	5290 25 522		Link		1
7	9716 0500 14		Plain washer, M5		2
3	5290 25 526		Bracket		1

Igan 76 DRIVING SECTION

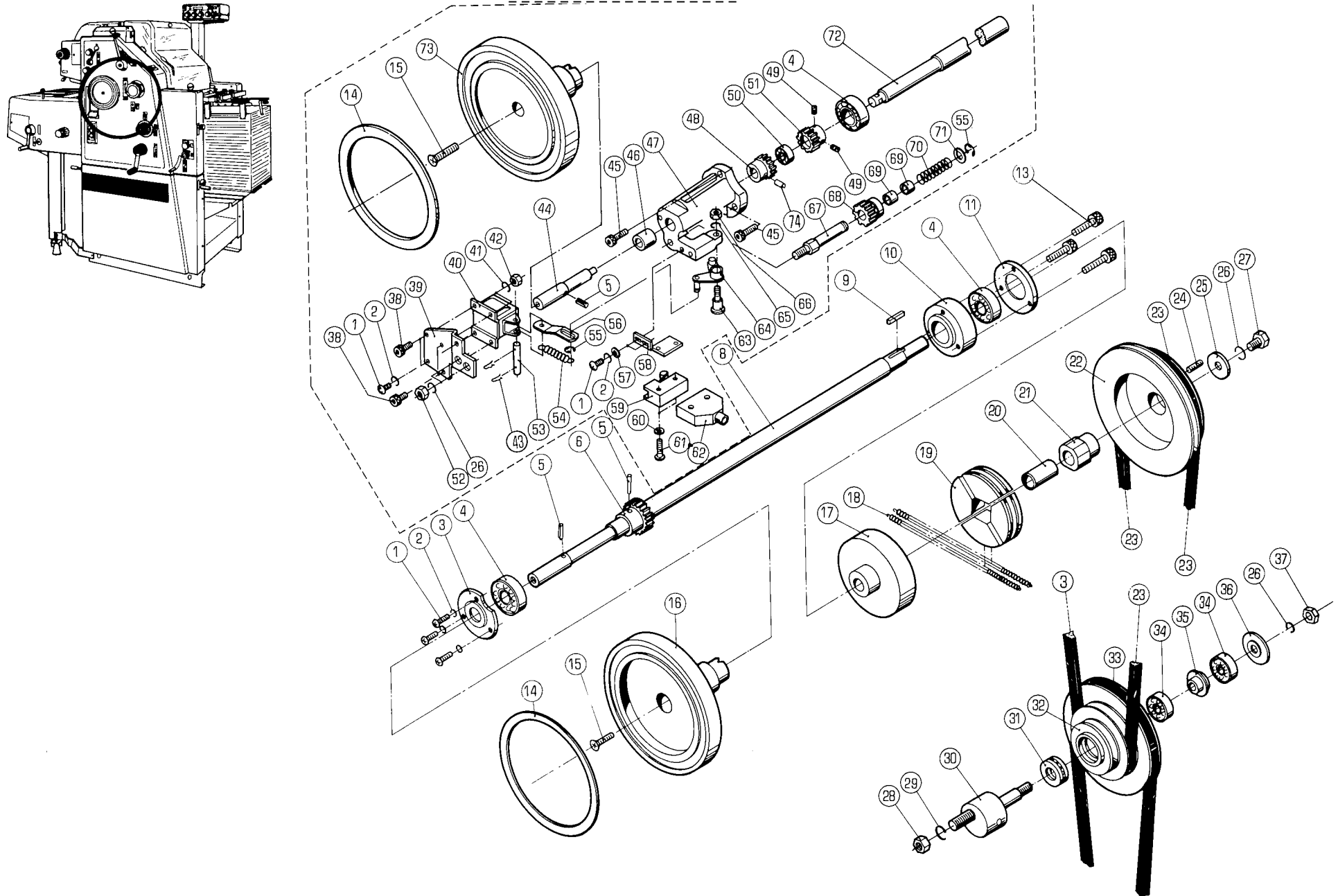


DRIVING SECTION

*::011RAII*A`elt8ii v, 1- eLtA
Note: When ordering items marked * indicate the set numbers because they are available in set oi

NO.	115 PD * PARTS NO	g13	t	PARTS NAME	SET NO.	COMPONENT PARTS NO	117 aty
1	9642 05 1014	t'</.1\	M 5 X10	Small pan head screw, M5 X10			3
2	9710 05 0008		M5	Spring washer, M5			3
3	5300 25 115			Bearing cover			1
4	90 207	'< 7 ')	/ '6203L LB	Bearing 6203LLB			2
5	9410 40 2508		04 X 25	Spring pin, 04 x 25			2
6	5330 25 112	lgth*17—		Driving gear			1
8	5310 25 111	1#14111		Driving shaft			1
9	90 900	—		Key			1
10	5290 25 113	'<7') >	—	Bearing holder			1
11	5290 25 114			Bearing cover			1
13	9670 06 3508	ff;;tjL,Iv	M 6 X35	Hexagon socket head bolt, M6 x 35			3
14	5300 25 117	7° Li— I-		Plate			1
15	5290 22 318			Screw			1
16	5310 25 116-1			Hand wheel			1
16	5306 25 116-1			Hand wheel (I tek)			1
17	5290 25 211	5		Clutch cover			1
18	5290 25 213			Spring			2
19	5290 25 212	J'		Block			1
20	5290 25 216	"37—		Collar			1
21	5290 25 215			Boss	5290 25 210	23, 24	1
22	5290 25 214	9 5 3 :1—') —		Clutch pulley	5290 25 210	23, 24	1
23	90 100	V <)1. F	A-30"	V-Belt, A-30"			1
24	9684 05 0508	"AfivAOi1 , 4)	M 5 X 5	Hexagon socket head set-screw, M5 x 5			1
25	5290 24 126			Washer			1
26	9710 08 0008		M8	Spring washer, M8			2
27	9672 08 1614	π)L F	m 8 X16	Hexagon headed bolt, M8 X16			1
28	9660 16 0014	I-	M16	Hexagon nut, M16			1
29	9710 16 0008		M16	Spring washer, M16			1
30	5290 25 311			Stud			1

EOM 74 DRIVING SECTION

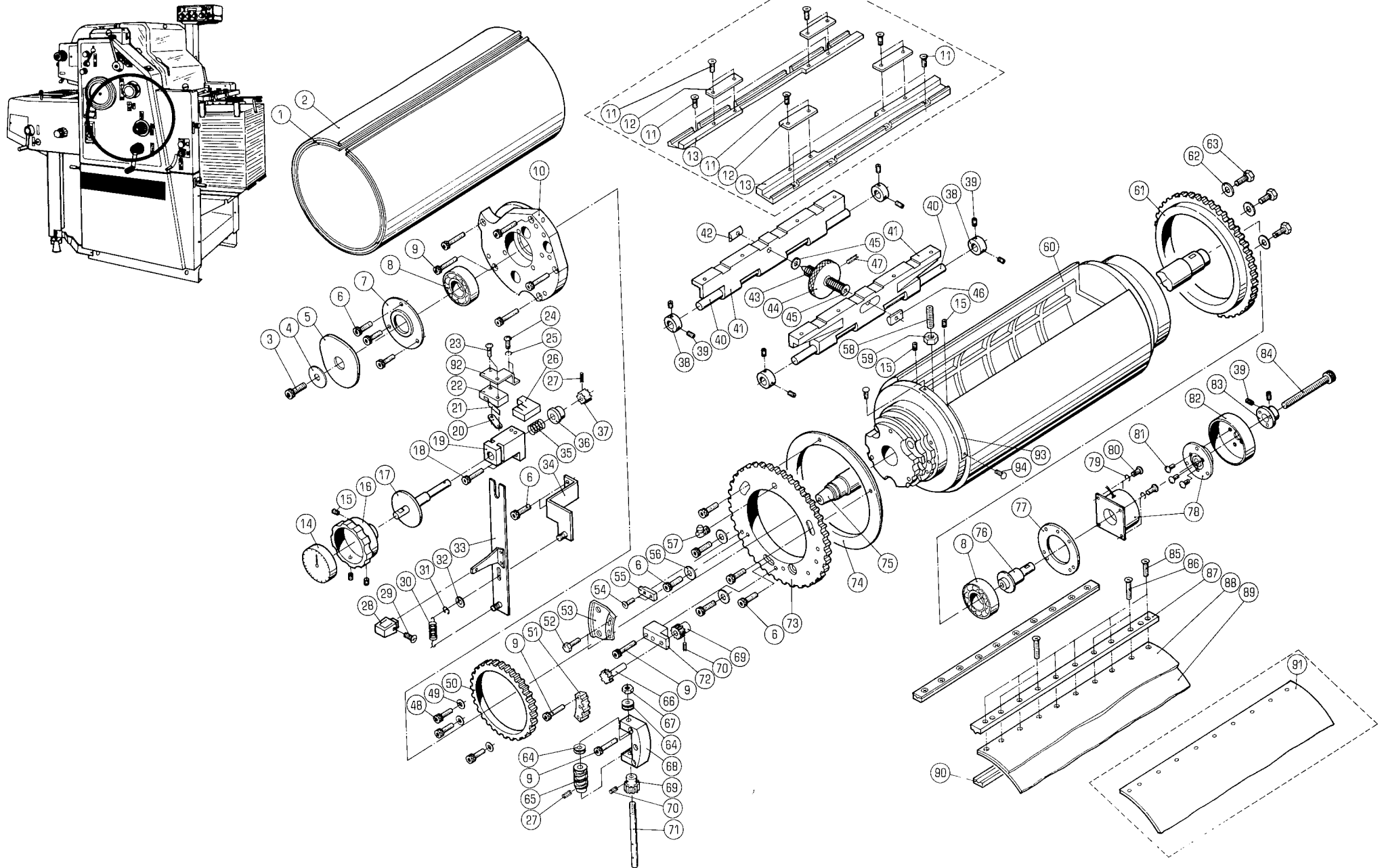


BLANKET CYLINDER SECTION

0A11411*4141, Cf±84 LT**d/v0V, F-11-9-VA3Z t
Note: When ordering items marked * indicate the set numbers because they are available in set c

NO.	gi34%** PARTS NO.		PARTS NAME	F. ** SET NO.	#11A COMPONENT PARTS NO.	Q'ty
86	5200 24 234	15:i .7 HE *	Blanket fixing screw			4
87	5322 24 232		Clamp			2
88	5322 24 262	'7"3:- 71- (t 1.65)	Blanket (t = 1.65mm)			1
89	5322 24 263	7 -15,.•y (t= 0.9m/s)	Under blanket (t = 0.9mm)			1
90	5322 24 231		Clamp			2
91	5322 24 268	5iy I- (t = 2.5 Nix)	Blanket (t = 2.5mm)			1
92	5322 24 563	7" - -	Bracket			1
93	5322 24 591	St	Name plate			1
94	90 730	--SR (01.6 x 5)	Parker stud 93 1.6 X 5			2

72 BLANKET CYLINDER SECTION

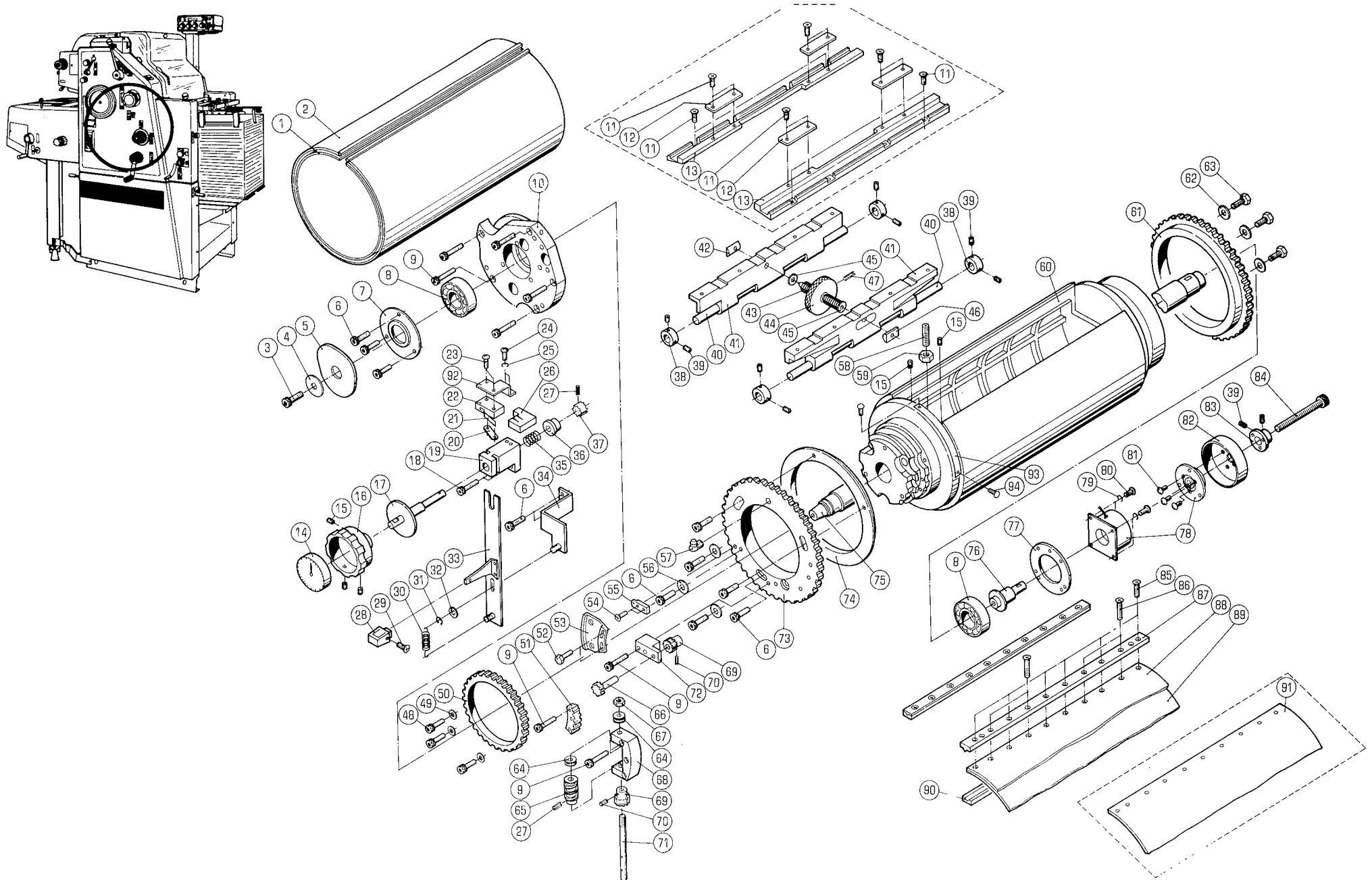


BLANKET CYLINDER SECTION

Offahrtlitav it 841 LT trr*/vore, 1-,41-e5t3t CT
Note: When ordering items marked * indicate the set numbers because they are available in set on

NO.	17 EI PARTS NO.	IfirfiAfti	PARTS NAME	SET NO.	COMPONENT PARTS NO.	Q'ty
56	5330 23 113	*	Washer			3
57	91 298	—A= 2 7)1.	Grease nipple			1
58	9686 0825 08	A'ill'Aft& * M 8 X 25	Hexagon socket head set-screw, M8 x 25			1
59	9660 0800 14	tc/5 M8	Hexagon nut, M8			1
60	5322 24 111	,SA U 5+°—	Cylinder			1
61	5290 23 112		Gear			1
62	5290 23 113	t	Collar			3
63	5290 24 127	;KA I-	Bolt			3
64	90 477	es'7Jir T8 — 16	Bearing, 18-16			2
65	5330 24 317	—	Gear			11
66	5330 24 314-1		Gear			1
67	90 700	U I- 1-	U-Nut			1
68	5330 24 316--1	75J,•y	Bracket			2
69	5330 24 315		Gear			2
70	9410 3012 08	AV'u:iYe:. 53'3 x 12	Spring pin, q 3 x 12			2
71	5330 24 318	t 7 h	Shaft			1
72	5330 24 313	75 y	Bracket			1
73	5322 24 112-1	•q	Gear			1
74	5322 24 114-1		Cam			1
75	5322 24 121	-le 7 h	Shaft			1
76	5322 24 531		Holder			1
77	5322 24 124		Bearing cover			1
78	5322 24 534		Brake			1
79	9710 0500 14	il*fggk M 5	Spring washer, M5			4
30	9642 0510 14	t'v.h*?> M 5 x 10	Small pan head screw, M5 x 10			4
31	9642 0404 14	t'VI*:1; M 4 x 4	Small pan head screw, M4 x 4			3
32	5322 24 533		Cover			1
13	5322 24 532	7ft A	Boss			1
34	9670 0865 08	M' ;ft M 8 x 65	Hexagon socket head bolt, M8 x 65			1
:5	5290 24 233	IL *	Blanket fixing screw			6

70 BLANKET CYLINDER SECTION



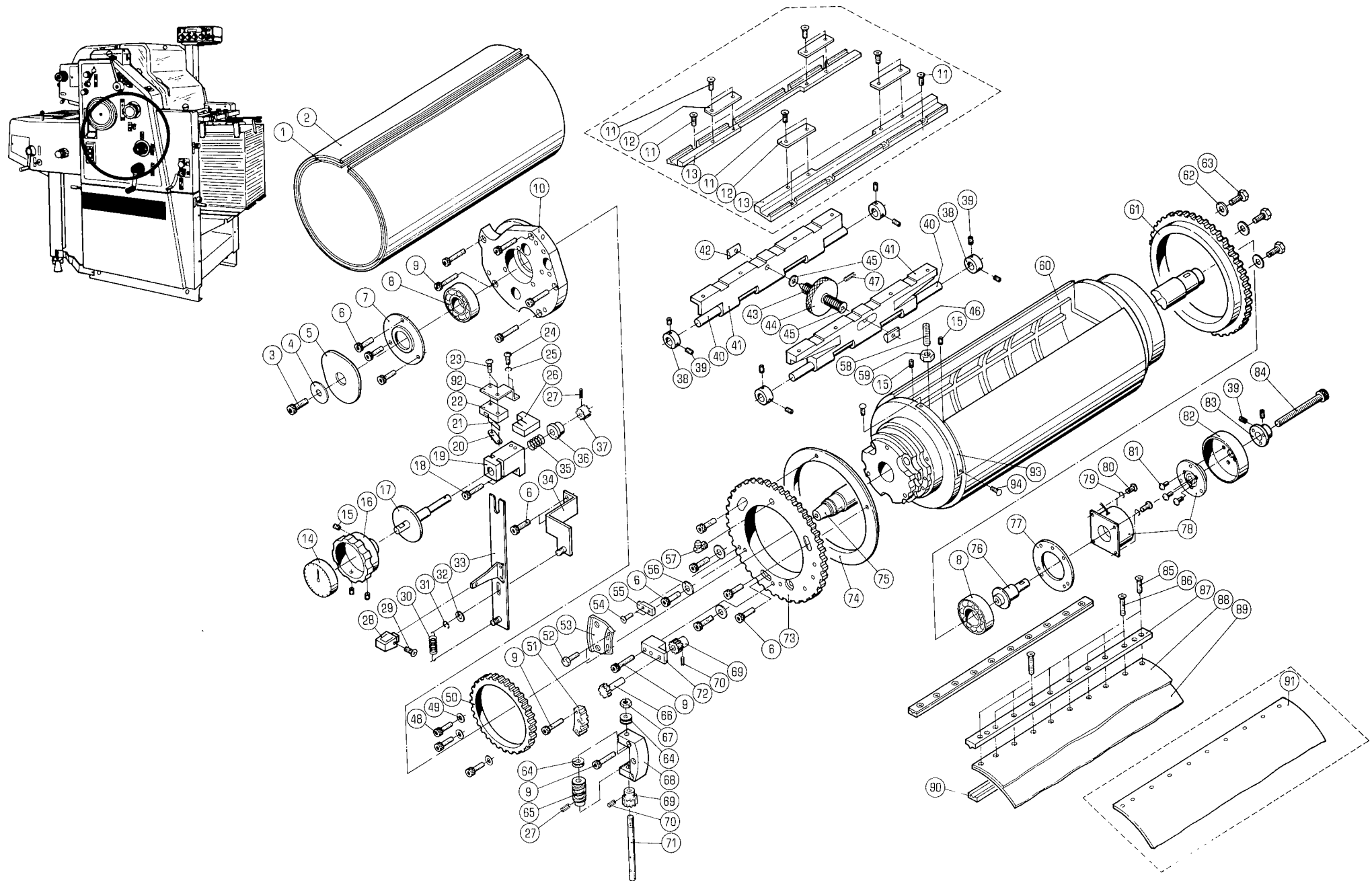
BLANKET CYLINDER SECTION

*.7.0113,111I*ATI8A

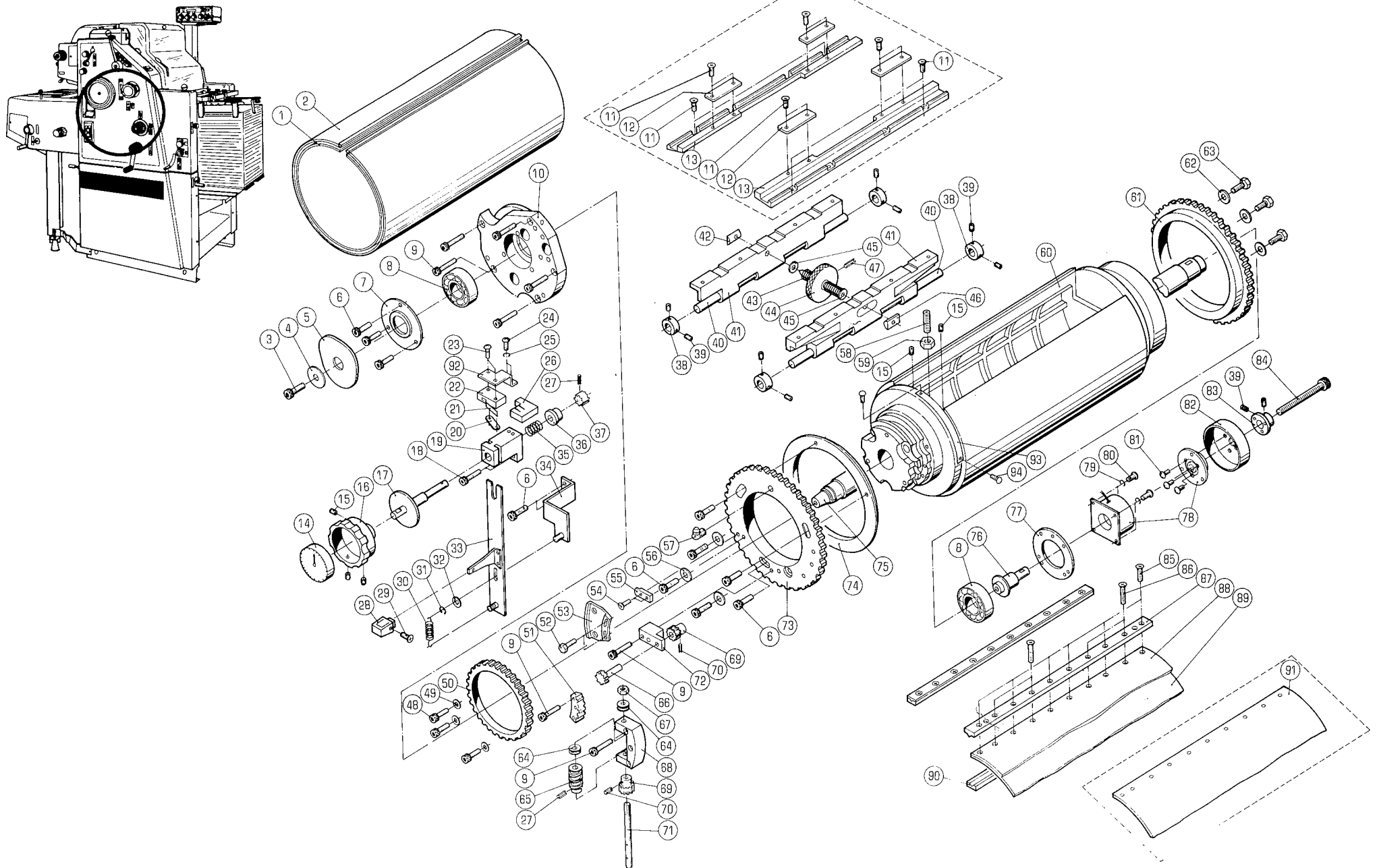
1-11F FIV53t LT7 t

Note: When ordering items marked * indicate the set numbers because they are available in set off

NO.	PARTS NO.	PARTS NAME	SET NO.	MA** COMPONENT PARTS NO.	arc Q'ty
27	9410 3016 08	3 x 16	Spring pin, qi 3 x 16		2
28	5310 33 538		Knob		1
28	5300 33 538		Knob (Itek)		1
29	9648 0410 14	1111, b* M 4 x 10	Small flush head screw, M4 x 10		1
30	5290 35 131		Spring		1
31	9721 0700 08	E 11 7 E - 7	E-Ring, E-7		1
32	5290 29 313	*	Washer		1
33	5322 24 570	1,11-	Lever		1
34	5322 24 580	F	Bracket		1
35	5290 24 251	I) :1	Spring		1
36	5330 24 341		Housing		1
37	5330 24 344	*fi—	Gear		1
38	5290 29 315	IEY/35—	Lock collar		4
39	9684 0505 08	it III) 1 *F) M 5 x 5	Hexagon socket head set-screw, M5 x 5		10
10	5310 24 211	p7 1'	Shaft		2
11	5290 24 212		Holder		2
2	5290 24 252	t	Nut		1
3	5290 24 251		Spring		2
4	5290 24 240		Knob		1
5	5290 29 313	fA	Washer		2
6	5290 24 253	t	Nut		1
7	9410 3025 08	3 X 25	Spring pin, 3 x 25		1
3	9670 0510 08	API RM: 4t JL h M 5 x 10	Hexagon socket head bolt, M5 x 10		3
	5330 24 312	t -	Collar		3
	5330 24 311	* 1 7 -	Gear		1
	5330 24 319-1		Gear		1
	9672 0512 14	M 5 x 12	Hexagon head bolt, M5 x 12		2
	5330 24 321	7'n	Block		1
	9648 0408 14	M 4 x 8	Small flush head screw, M4 x 8		2
	5330 24 322	-f	Indicator		1



NO.	1 PP PARTS NO.	'a131Pn Tt	PARTS NAME	SET NO.	411fil*-9- COMPONENT PARTS NO.	airc Qty
1	5322 24 267	(t =0.9m)	Under blanket (t = 0.9mm)			
1	5310 24 267	Is (t= 0.9mm)				
2	5322 24 266	15 2/ (t= 1.65mm)	Blanket (t = 1.65mm)			
2	5310 24 266-1	15 '2 t = 1.65mm)				1
3	9670 0816 08	ititr7V44:1† M 8 X 16	Hexagon socket head bolt, M8 x 16			
4	5290 24 126		Washer			
5	5290 24 123	†	Cam			
6	9670 0612 08	M 6 x 12	Hexagon socket head bolt, M6 x 12			11
7	5290 24 124	† 7 I) —	Bearing cover			1
8	90 208	0*7 6205LLB	Bearing 6205LLB			2
9	9670 0520 08	tcftrAftt%g/l' M 5 x 20	Hexagon socket head bolt, M5 x 20			8
10	5322 24 131	†15 h	Bracket			1
11	9648 0510 14	101/1*::: M 5 X 10	Small flush head screw, M5 x 10			12
12	5310 24 236		Clamp			4
13	5322 24 235	fr.:/† \$f	Holder			2
3	5310 24 235-1	;1:/1.\$1*—				2
4	5330 24 351	5f-f				
5	9684 0606 08	6 x 6	Hexagon socket head set-screw, M6 x 6			5
6	5330 24 349	ri7EF.	Knob			
6	5336 24 349		Knob (Itek)			1
7	5322 24 560	t 7 h	Shaft			
	9670 0516 08	7'0†)70440† M 5 x 16	Hexagon socket head bolt, M5 x 16			2
3	5322 24 541	7*5 .r ' F'	Bracket			
	5300 21 424	7'Li —	Plate			
	97 380		Actuator			
	97 303	.4 -1 y3	Micro switch			
	9642 0316 14	M 3 x 16	Small pan head screw, M3 x 16			2
	9642 0408 14	M 4 X 8	Small pan head screw, M4 x 8			2
	9710 0400 08	/1*}†1* M 4	Spring washer, M4			2
	98 501	—	Cover			



CYLINDER PRESSURE (MS) SECTION

*.10111Saltilla~eltAt L 7 ***t A,CDV.. illtitTaiC L 'CT

Note: When ordering items marked * indicate the set numbers because they Cr, available in set or

NO.	PARTS NO.	at pa t	PARTS NAME	F. SET NO.	R. COMPONENT PARTS NO	Pr Q'ty
32	9721 10 0008	E') E-10	E-Ring, E-10			
33	5290 21 621	A 9	Stud			1
34	5290 22 441		Pin			1
35	5290 22 141	A 9 'y	Stud			1
36	5290 29 316		Washer			1
37	9721 12 0008	E') E-12	E-Ring, E-12			1
38	9684 06 0608	±11 A'llt.±) 4' m6 x 6	Hexagon socket head set-screw, M6 X 6			1
39	5290 22 430		Arm			
40	5300 22 317		Plate			
41	5300 22 316-1	5 -)1,	Scale			1
42	9650 06 2014	111111/) M 6 X20	Small flush screw, M6 X 20			1
43	5310 22 313		Dial			
43	5300 22 313		Dial (I tek)			1
44	9410 30 1608		03 X16 Spring pin, q53 X 16			3
45	5290 22 314		Cam			1
46	5310 22 311	I-	Shaft			1
47	5290 22 315	)3 L.	Cam			1
48	9410 30 2008	A7 '1 :./ / e> 03 X20	Spring pin, 03 X 20			
49	5290 22 320	-1 -	Wheel			1
50	5290 22 330	fR	Pawl			1
51	9710 05 0008	i 99 M5	Spring washer, M5			2
52	9642 05 1014		M 5 X10 Small pan head screw, M5 X10			—
	5290 21 641	A 1') >110	Spring stud			

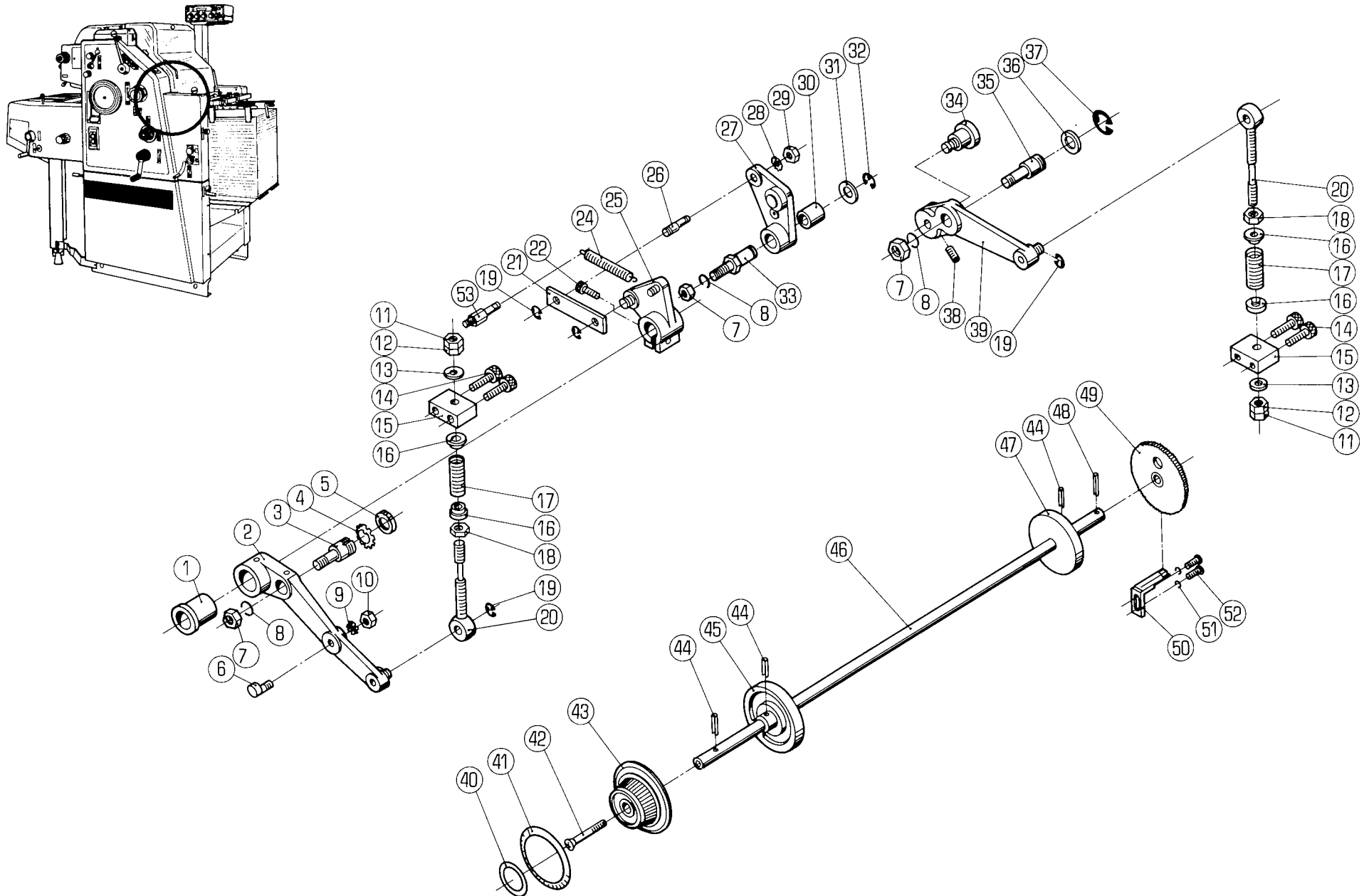
F 1R4 211⁵

CYLINDER PRESSURE (MS) SECTION

LonanNien`eft:ixt.,`e-t-ivo`r.      \*-9--easc L. CT L`.,

Note: When ordering items marked * indicate the set numbers because they are available in set only

NO.	PP PARTS NO.	S	PARTS NAME	SET NO.	#4 COMPONENT PARTS NO	ifa aty
1	5290 22 161	9)1.	Bushing			
2	5290 22 150		Arm			1
3	5290 22 142	A 9 v l:	Stud			1
4	90 721		Washer			1
5	90 720		Nut			1
6	5290 22 121		Pin			1
7	9660 10 0014	lcAtv l- M10	Hexagon nut, M10			3
8	9710 10 0008	/ sFl M10	Spring washer, M10			3
9	90 642	M 8)	Toothed lock washer, M8			1
10	9660 08 0014	lc ill 1 M8	Hexagon nut, M8			1
11	9662 08 0014	7:At l- 3 ft M 8	Hexagon nut, M8 (type 3)			2
12	90 711	Aftjt l- 2 M 8	Hexagon nut, M8 (type 2)			2
13	5290 22 223		Washer			2
14	9670 08 3508	'A44 40L- M 8 X35	Hexagon socket head bolt, M8 x 35			4
15	5290 22 224		Block			2
16	5290 22 222		Washer			4
17	5290 22 221		Spring			2
18	90 700	F.	U-Nut			2
[9	9721 07 0008	E ') [-7	E-7			4
!0	5290 22 210		Screw			2
	5290 21 622	')	Link			1
2	9670 06 2008	fttrA"17f7K)1. M 6 x20	Hexagon socket head bolt, M6 X 20			1
4	5290 21 642-1	A 7' ')	Spring			1
5	5290 21 630		Lever			1
6	5290 21 623		Pin			1
7	5290 21 610		Lever			1
	90 640	M 6 (Mg)	Toothed lock washer, M6			1
	9660 06 0014	tl F. M 6	Hexagon nut, M6			1
	5290 21 612	9)1,	Bushing			1
1	5290 29 311		Washer			1



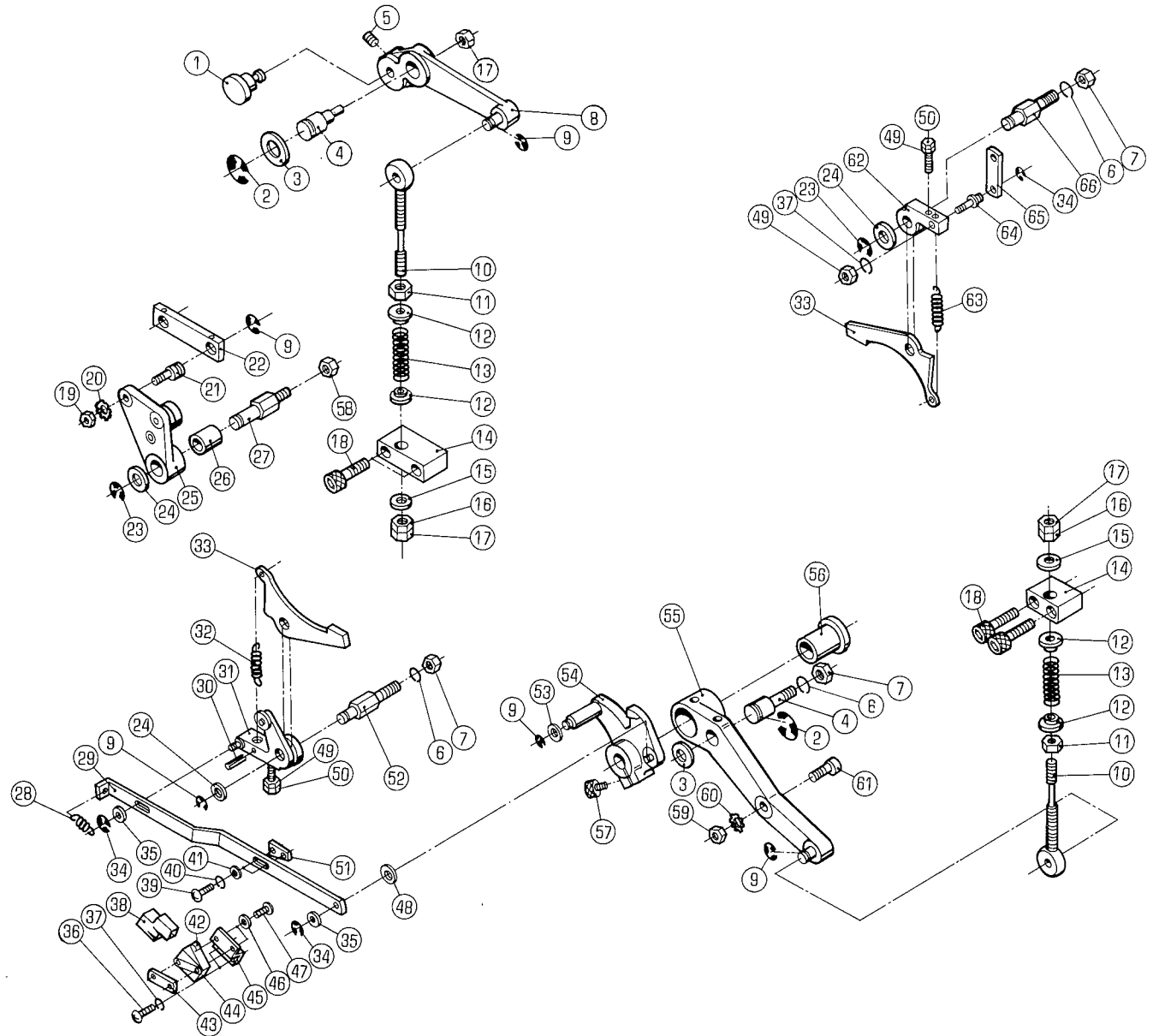
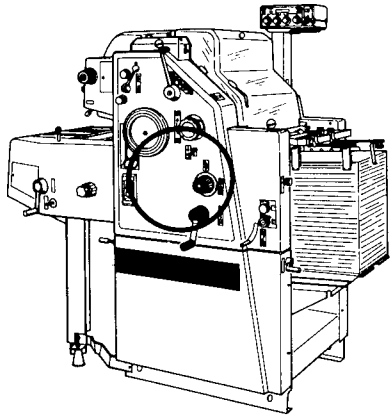
CYLINDER PRESSURE(OPS) SECTION

-tv

Note: When ordering items marked * indicate the set numbers because they are available in set

NO.	Oen** PARTS NO.		PARTS NAME	t SET NO.	*AIM COMPONENT PARTS NO.	ANft Q'ty
61	5290 22 121	e	Pin			1
62	5290 21 313	t. /V—	Lever			1
63	5290 21 319		Spring			1
64	5290 21 314	e	Pin			1
65	5290 21 311	U	Link			1
66	5290 21 312	Sr '2 1 ⁴	Stud			1

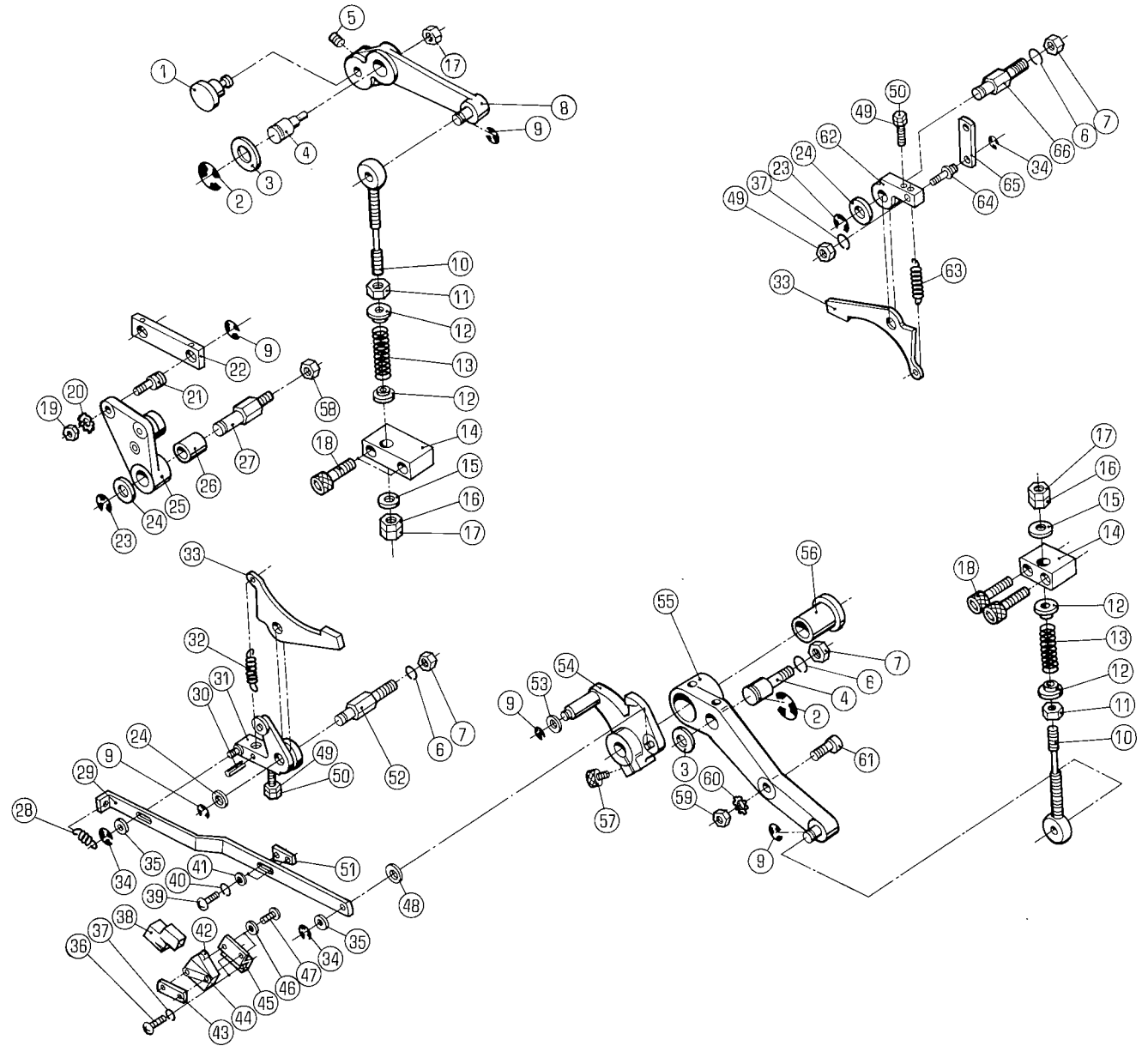
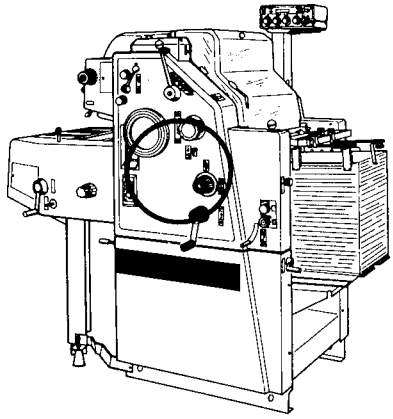
INA 1- (4ti/Pft) % 60 CYLINDER PRESSURE (UPS) SECTION



7, CYLINDER PRESSURE(OPS) SECTION

*Z0)1111,1111*ATI1811L r* /v02, -tv t",_tir I- t L s .
 Note: When Ordering items marked * indicate the set numbers because they are available in sat on

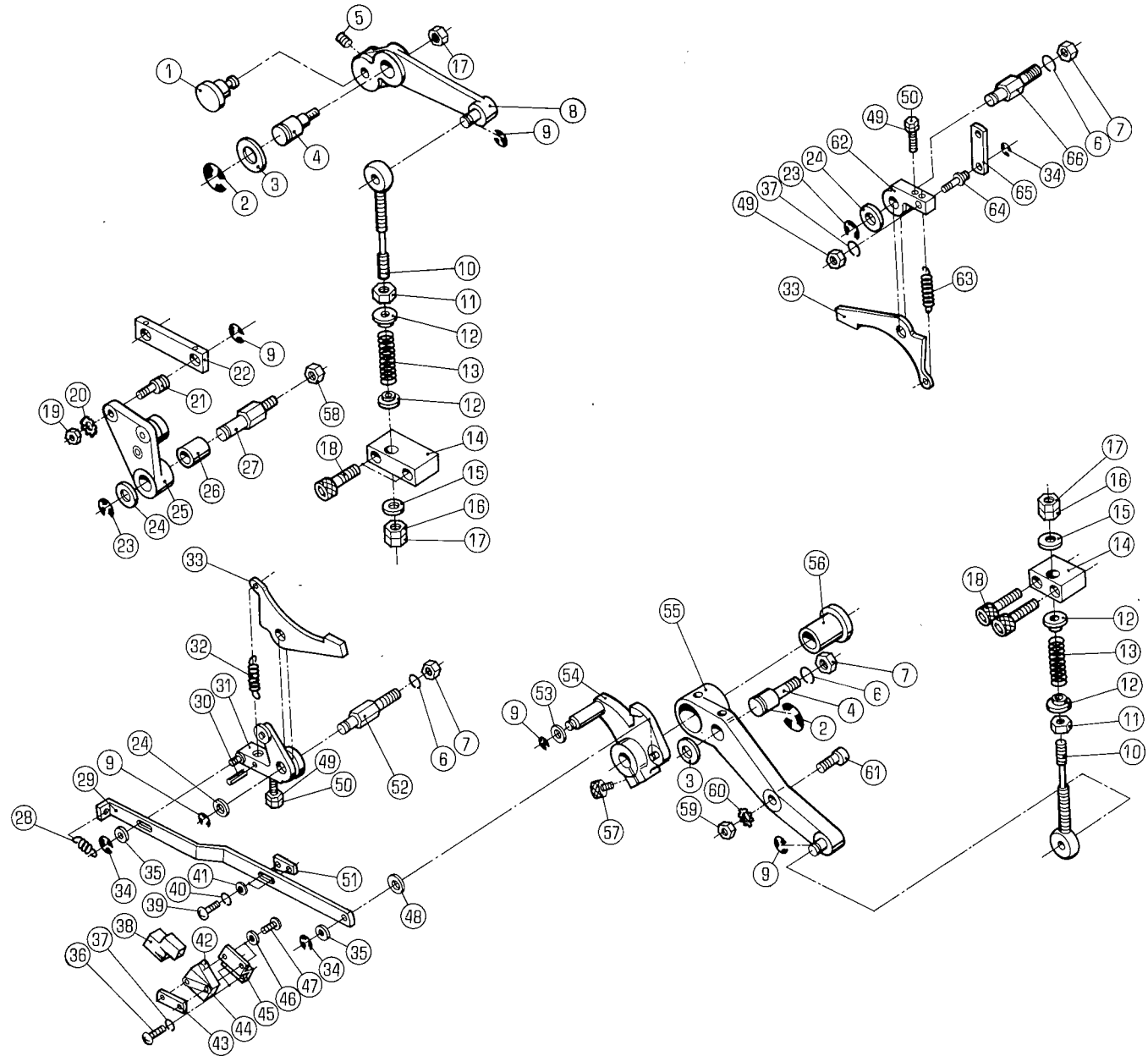
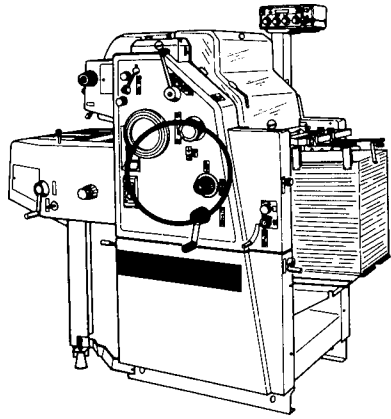
NO	PARTS NO.	tc(3 ifn tft	PARTS NAME	* 9 SET NO.	* fi COMPONENT PARTS NO	1111 Q'ty
31	5290 21 510		Lever			1
32	5290 21 521	27 ¹) >	Spring			1
33	5290 21 315	7	Latch			2
34	9721 04 0008	E > E-4	E-Ring, E-4			3
35	9716 06 0014	M 6	Plain washer, M6			2
36	9642 05 1014	"</J\si) M 5 x10	Small pan head screw, M5 X10			2
37	9710 05 0014	/ .J1k M 5	Spring washer, M5			3
38	98 501		Cover			1
39	9642 04 1014	J"</J% M 4 x10	Small pan head screw, M4X 10			2
40	9710 04 0014	M 4	Spring washer, M4			2
41	9716 04 0014	Tk M 4	Plain washer, M4			2
42	95 118	7 9 f• -9 —	Actuator			1
43	5300 21 424	1 L, —	Plate			1
44	97 313	7--r9C1A-f •Y••	Micro switch			1
45	5300 21 423	7 75	Bracket			1
46	90 644	ttifTt M 3 (ASO	Toothed lock washer, M3			2
47	9642 03 2014	M 3 x20	Small pan head screw, M3 X 20			2
48	5300 29 317	—	Spacer			2
19	9660 05 0014	IzAt MS	Hexagon nut, M5			3
50	9672 05 2514	AA;ti)l. M 5 x25	Hexagon bolt, M5 X 25			2
)1	5300 21 422	c , F	Plate			1
	5290 21 522	A 9 •.) F	Stud			1
3	5290 29 313		Washer			1
4	5290 21 410		Lever			1
5	5290 22 110	7 -4	Arm			1
5	5290 22 161		Bushing			1
7	9670 06 2008	%cA'A1Ttit01r M 6 x20	Hexagon socket head-bolt, M6 X 20			1
3	9662 1000 14	t l r (3ft) M 10	Hexagon nut, M10 (3 types)			1
9	9660 08 0014	1c ti F- M8	Hexagon nut, M8			1
	90 642	M8 ilk	Toothed lock washer, M8			1



15k F
YLINDER PRESSURE(OPS) SECTION

*C. 011510312*AVIIZS LT**toca)V, 1111'Calr LTT
Note: When ordering items marked * indicete the sat numbers because they are available in set on!

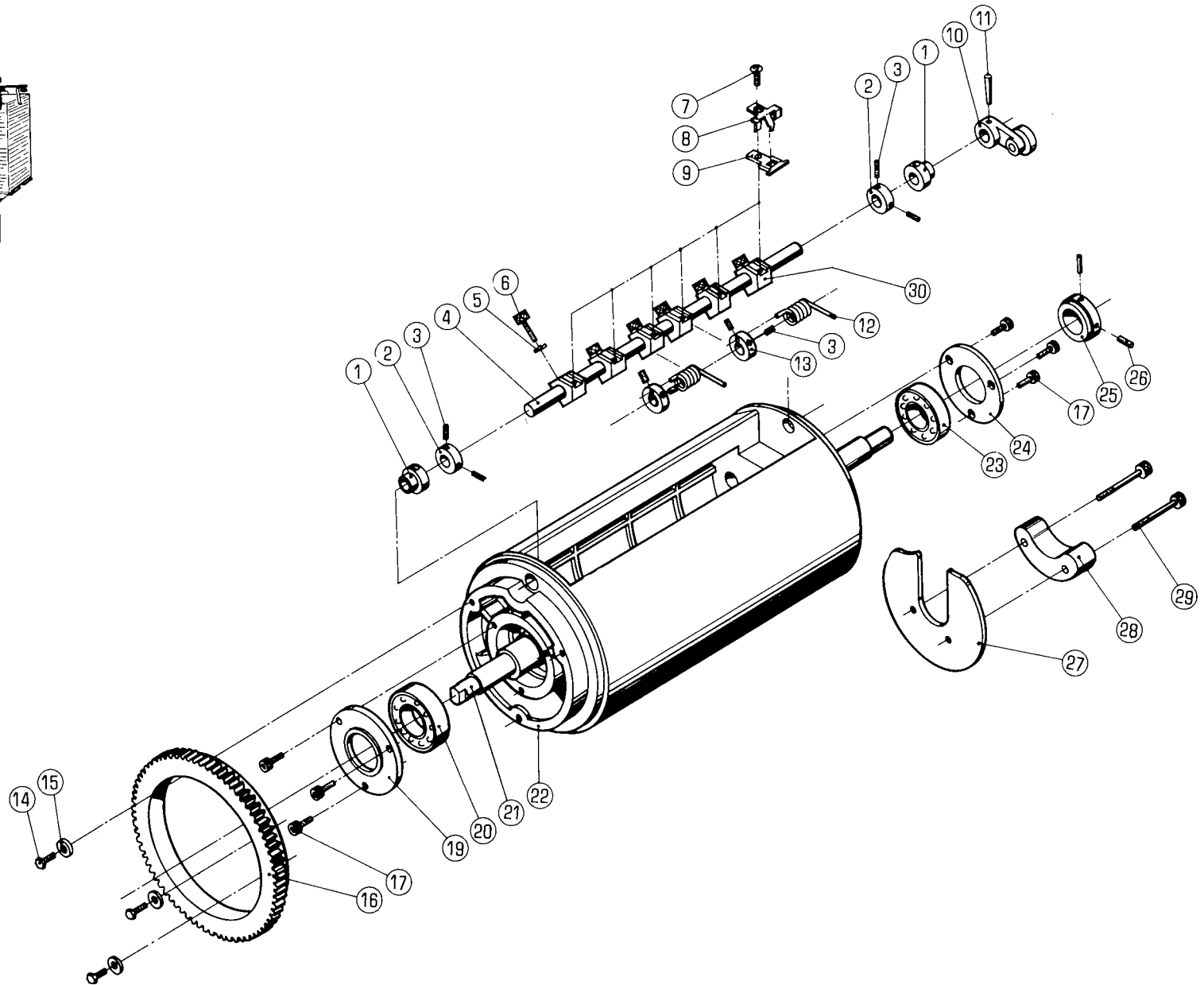
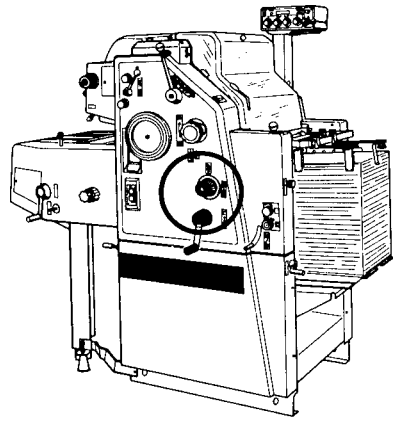
NO.	40 PARTS NO.	-g- 113	PARTS NAME	SET NO.	COMPONENT PARTS NO.	ft Q'ty
1	5290 22 441		Pin			1
2	9721 12 0008	E E-12	E-Ring, E-12			2
3	5290 29 316		Washer			2
4	5322 22 141-1	A 9	Stud			2
5	9684 06 0608	M 6 x 6	Hexagon socket head set-screw, M6 X 6			1
6	9710 10 0008	M10	Spring washer, M10			3
7	9660 10 0014	7t1altv I- M10	Hexagon nut, M10			3
8	5322 22 420	7—b,	Arm			1
9	9721 07 0008	E 19' E— 7	E-Ring, E-7			5
10	5290 22 210		Screw			2
11	90 700	U) " F	U-Nut			2
12	5290 22 222	;1k	Washer			4
13	5290 22 221		Spring			2
14	5322 22 224	4)	Block			4
15	5290 22 223		Washer			2
16	90 711	APO-•Y 1- 2 fliM 8	Hexagon nut, M8 2 types			2
17	9662 08 0014	i 3 J M8	Hexagon nut, M8 3 types			3
[8	9670 08 3008	7\1il) ;R M 8 X30	Hexagon socket head bolt, M8 X 30			4
9	9660 06 0014	M 6	Hexagon nut, M6			1
'0	90 640	6111-fitI M 6 (PIA)	Toothed lock washer, M6			1
1	5290 21 623	L'>	Pin			1
2	5290 21 712	)	Link			1
	9721 10 0008	E E-10	E-Ring, E-10			3
	5290 29 311	itt	Washer			2
	5290 21 610		Lever			1
	5290 21 612	)(9	Bushing			1
	5322 21 711	A9 v I=	S tud			1
	5290 21 316	A7 ¹ J.1/9	Spring			1
	5300 21 421	9 I,	Link			1
	9410 30 1208	A79: ,9'Li 03 X12	Spring pin, 03 x 12			1



V1PRESSION CYLINDER SECTION

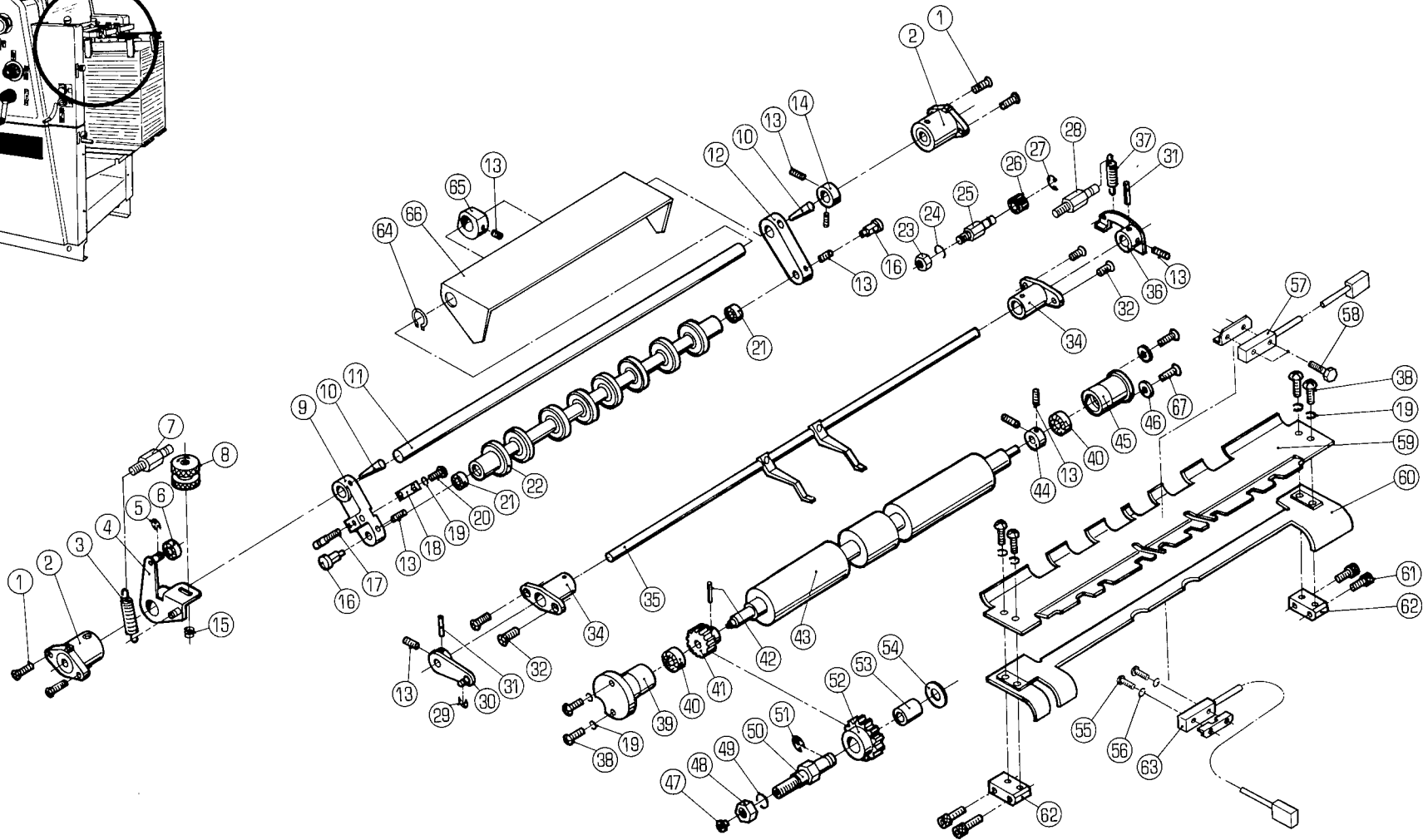
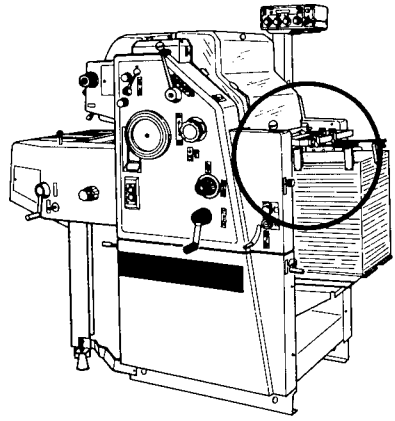
*Z011SAI*41A CglttSAL CME/v0V, "t'y 1-W1CAA LTT
 Note: When ordering items marked * indicate the set numbers because they are available in set onl

NO	*fl =la PARTS NO	10 t	PARTS NAME	SET NO.	COMPONENT PARTS NO	Q'ty
1	5290 23 234	,t 9 /I,	Bushing			2
2	5290 29 315	t 5	Lock collar			2
3	9684 05 0508	i , 1fi± M 5 X 5	Hexagon socket head set screw, M5 x 5			8
4	5310 23 211	7 J.	Shaft			1
5	9710 06 0008	i s4k M 6	Spring washer, M6			6
6	9670 06 2508	fgrA'tt'71'01, M 6 X25	Hexagon socket head bolt, M6 X 25			6
7	9652 04 1014	1- 5Ad'*-') M 4 X10	Small truss screw, M4 X 10			6
8	5290 23 122	A f-	Stopper			6
9	5290 23 232-1		Gripper			6
10	5290 23 220		Lever			1
11	9411 30 2500	03 X25	Taper pin, 03 X 25			1
12	5290 23 236	7'') >	Spring			2
13	5290 23 235	A 7' >	Spring holder			2
14	5290 24 127	7t0t	Bolt			3
15	5290 23 113	F k	Washer			3
16	5290 23 112	—	Gear			1
17	9670 05 1001	*II- M 5 X10	Hexagon socket head bolt, M5 X10			6
18	5290 23 115		Cover			1
19	90 210	6206LLBC 2 P6	Bearing 6206 LLBC2P6			1
20	5310 23 114	1- 7 F	Shaft			1
21	5310 23 121		Impression cylinder			1
22	90 209	r<7 6205 LLBP6	Bearing 6205 LLBP6			1
23	5290 23 116-1	7 1).1,	Cover			1
24	5290 23 117		Lock collar			1
25	9684 06 0608	M 6 X 6	Hexagon socket head set screw, M6X 6			2
26	5300 86 113		Gripper cam			1
27	5290 23 311		Spacer			1
28	9670 06 4508	M6 X45	Hexagon socket head bolt, M6 X45			2
29	5290 23 231		Gripper base			6



***Z0103Alligrgi elltitLV*1tA.,CYC, "t /AF{}~ea/E L C Ft0e**
Note: When ordering items marked * indicate the net numbers because they are available in set only

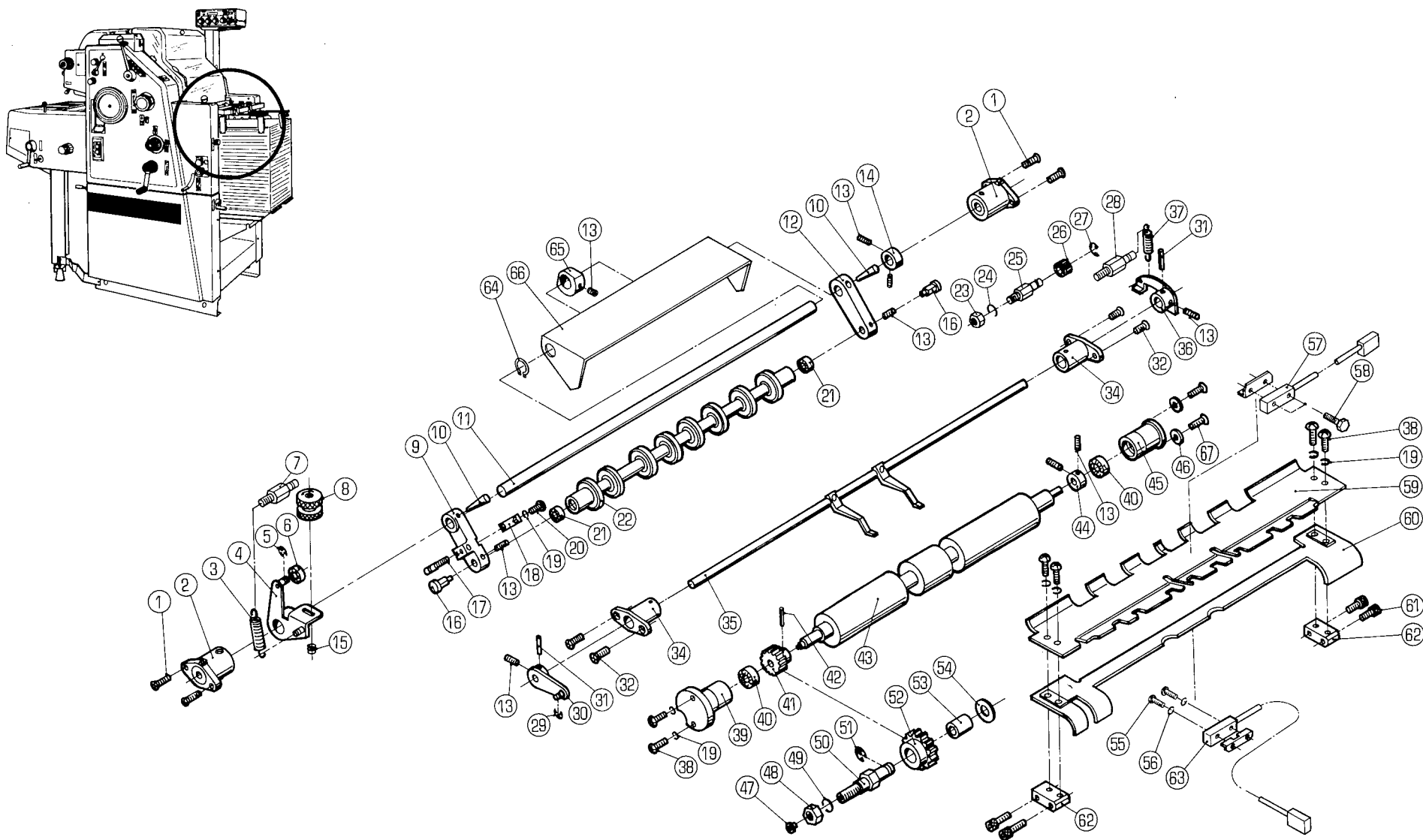
53



-r - D - - • 7 -(- 7 -(TED ROLLER, FEELER FINGER SECTION

*z01111A1110Z`elliSilt 1-111-9-Tit3Z1. CF t
 Note: When Ordering items marked * indicate the set numbers because they era available in set onh

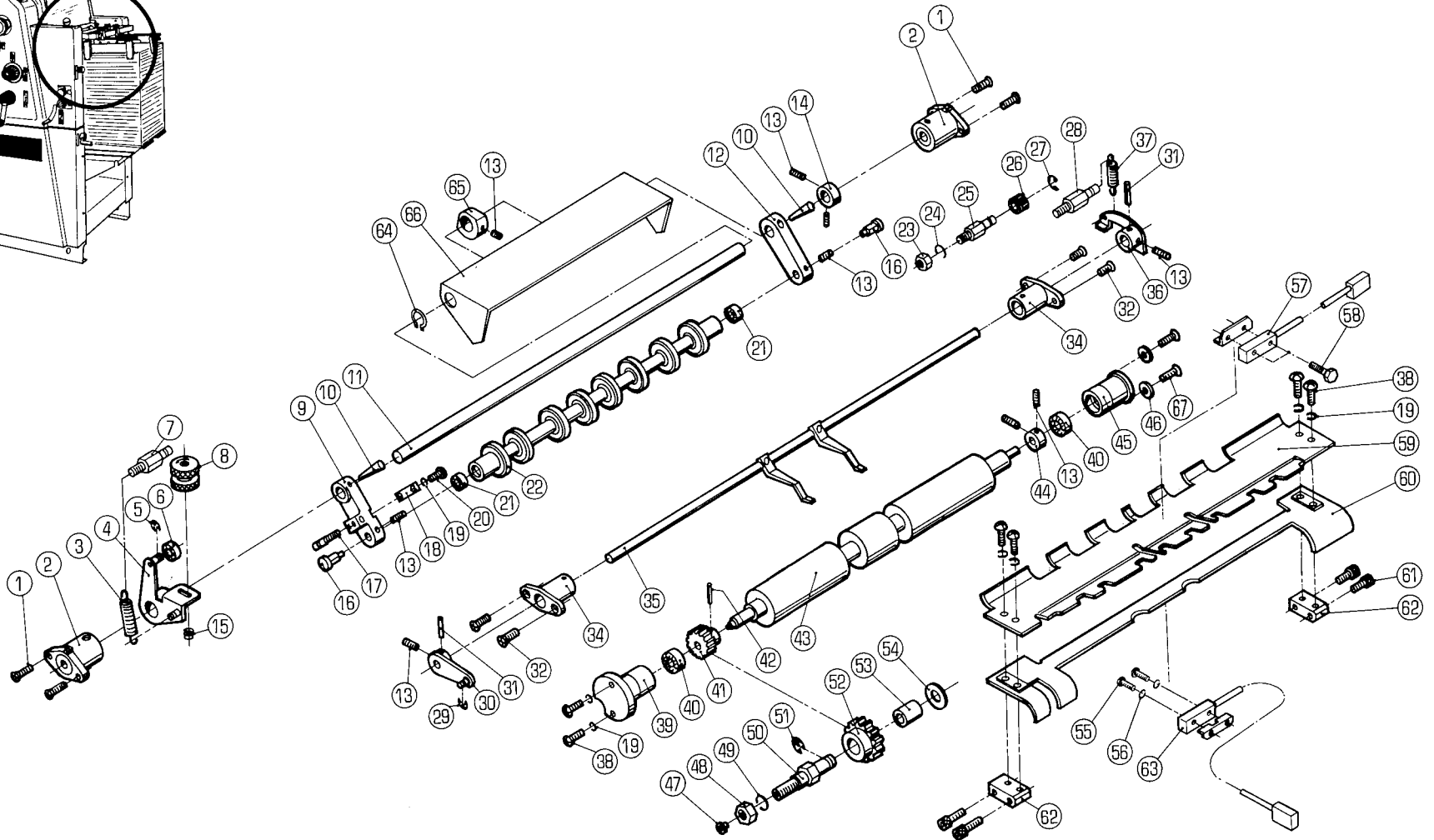
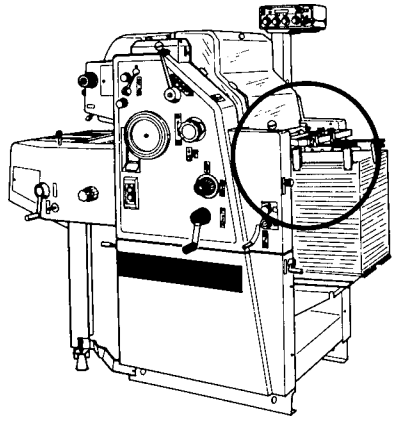
NO.	9- PARTS NO.	1'43	PARTS NAME	SET NO.	# COMPONENT PARTS NO.	le1 Q'ty
31	9410 30 2008	7') , y' el, 03 X20	Spring pin, 03 x 20			2
32	9648 05 1014	1111/1' .) M 5 X10	Small flush head screw, M5 X 10			4
34	5290 21 211-1	1)1-7h)1' -	Housing			2
35	5310 21 220	7 -r - -7 4	Feeler finger shaft			1
36	5290 21 150		Lever			1
37	5290 21 162		Spring			1
38	9642 05 1614	M 5 X16	Small pan head screw, M5 X16			6
39	5290 36 211	/ <71) : - /)1 9'-	Housing			1
40	90 352	698ZZ	Bearing 698zz			2
41	5290 36 214		Gear			1
42	9410 30 1608	1 I) e :J 03 X 16	Spring pin, 03 X 16			1
43	5310 36 213	D7 -7 4 - F D -7-	Lower feed roller			1
44	5310 36 215	t -	Lock collar			1
45	5290 36 212	z< l) .s. 7t01, ' -	Housing			1
46	9716 05 0014	M 5	Plain washer, M5			2
47	91 250	-f	Oil cup			1
48	9660 10 0014	AA)- F. M10	Hexagon nut, M10			1
49	9710 10 0008	/ .t.11 M10	Spring washer, M10			1
50	5290 36 112	7.9 ,	Stud			1
31	9721 10 0008	E 9 E -10	E-Ring, E-10			1
32	5290 36 111		Gear			1
i3	5290 37 121	1 9	Bushing			1
4	5290 29 311	)1	Washer			1
5	964Z 03 1614	M 3 X16	Small pan head sarew, M3 X16			2
6	9710 03 0008	M 3	Spring washer, M3			2
7	97 826		Light source			1
	9672 0314 14	Afti*Jti M 3 x 14	Hexagon head bolt, M3 x 14			2
3	5310 36 430	-f	Guide			1
	5310 36 420	-f F	Guide			1



FEED ROLLER, FEELER FINGER SECTION

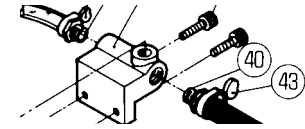
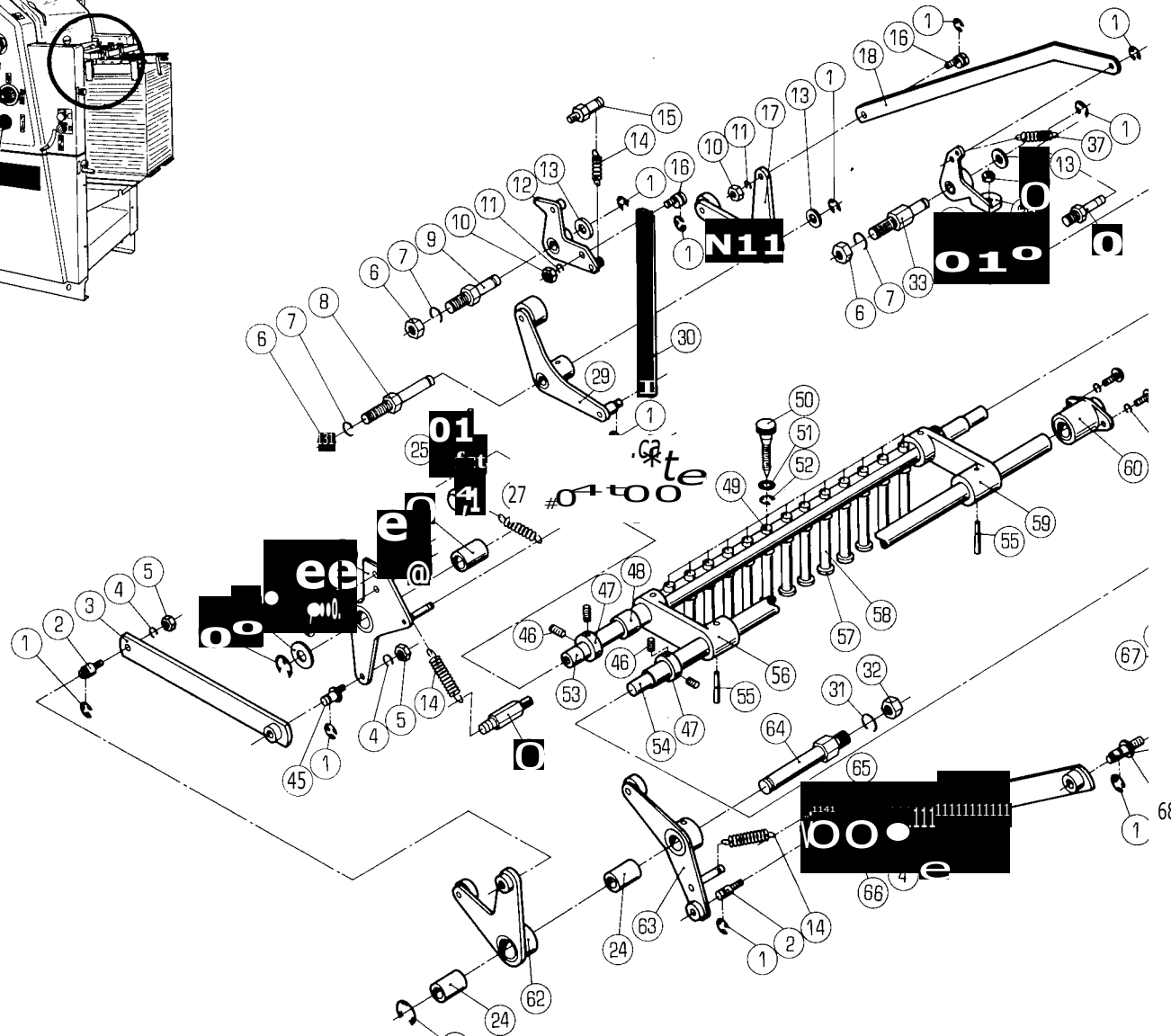
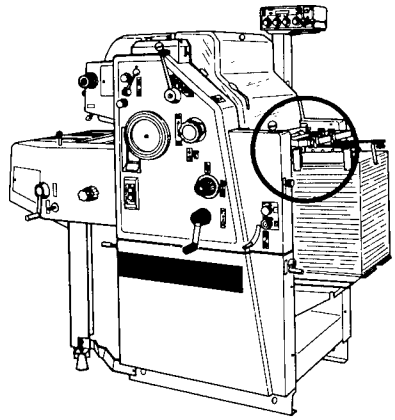
A-7_011114,11*A C11131ILVti*V A.OV, 1-1141-VAit
 Note: When ordering items marked * indicate the set numbers becaus, they are available in sot onl'

NO.	ifk * R PARTS NO.	iff1 t 4	PARTS NAME	SET NO.	41 COMPONENT PARTS NO.	figt Q'ty
1	9648 05 1614	11)1/1 4.) M 5 X16	Small flush head screw, M5 x16			4
2	5290 29 220		Bushing			2
3	5290 33 514	A7 V>V	Spring			1
4	5322 36 340		Lever			1
5	9721 05 0008	E E— 5	E-Ring, E-5			1
6	90 200	"<7 607Z Z	Bearing, 607ZZ			1
7	5290 36 351	A 7 V Vtifir	Spring stud			1
8	5300 36 352	V7 Er.	Knob			1
9	5290 36 312--1		Arm			1
10	9411 30 2500	7— — 953 X25	Taper pin, 03 X 25			2
11	5310 36 311	7 I-	Shaft			1
12	5290 36 313	—14	Arm			1
13	9684 05 0508	'AA 5'011'k M 5 X 5	Hexagon socket head set-screw, M5 X 5			8
4	5290 29 315		Lock collar			1
5	5290 36 355-1	A /') V	Spring			1
6	5290 36 321	e	Pin			2
7	5290 36 354		Screw			1
8	5290 36 353	#N/ *	Leaf spring			1
9	9710 05 0008	M 5	Spring washer, M5			9
	9642 05 1014	M 5 X10	Small pan head screw, M5 X 10			3
	90 202	◀7 : "V 624Z Z	Bearing, 624ZZ			2
	5310 36 330	7 — —	Upper feed roller			1
	9660 08 0014	Aft F M 8	Hexagon nut, M8			1
	9710 08 0008	ii*Jtk M 8	Spring washer, M8			1
	5290 21 163	A	Stud			1
	5290 21 164	1.47. I- ' r—	Rubber stopper			1
	9721 07 0008	E'.) E-7	E-Ring, E-7			1
	5290 21 161	A7 ° 1 >Y#10	Spring stud			1
	9721 04 0008	E E-4	E-Ring, E-4			1
	5290 21 230		Lever			1



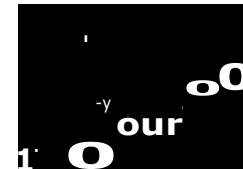
Note: When ordering items marked * indicate the set numbers because they are available in set on

47



44

61



67

68

SUCTION DISCHARGE SECTION

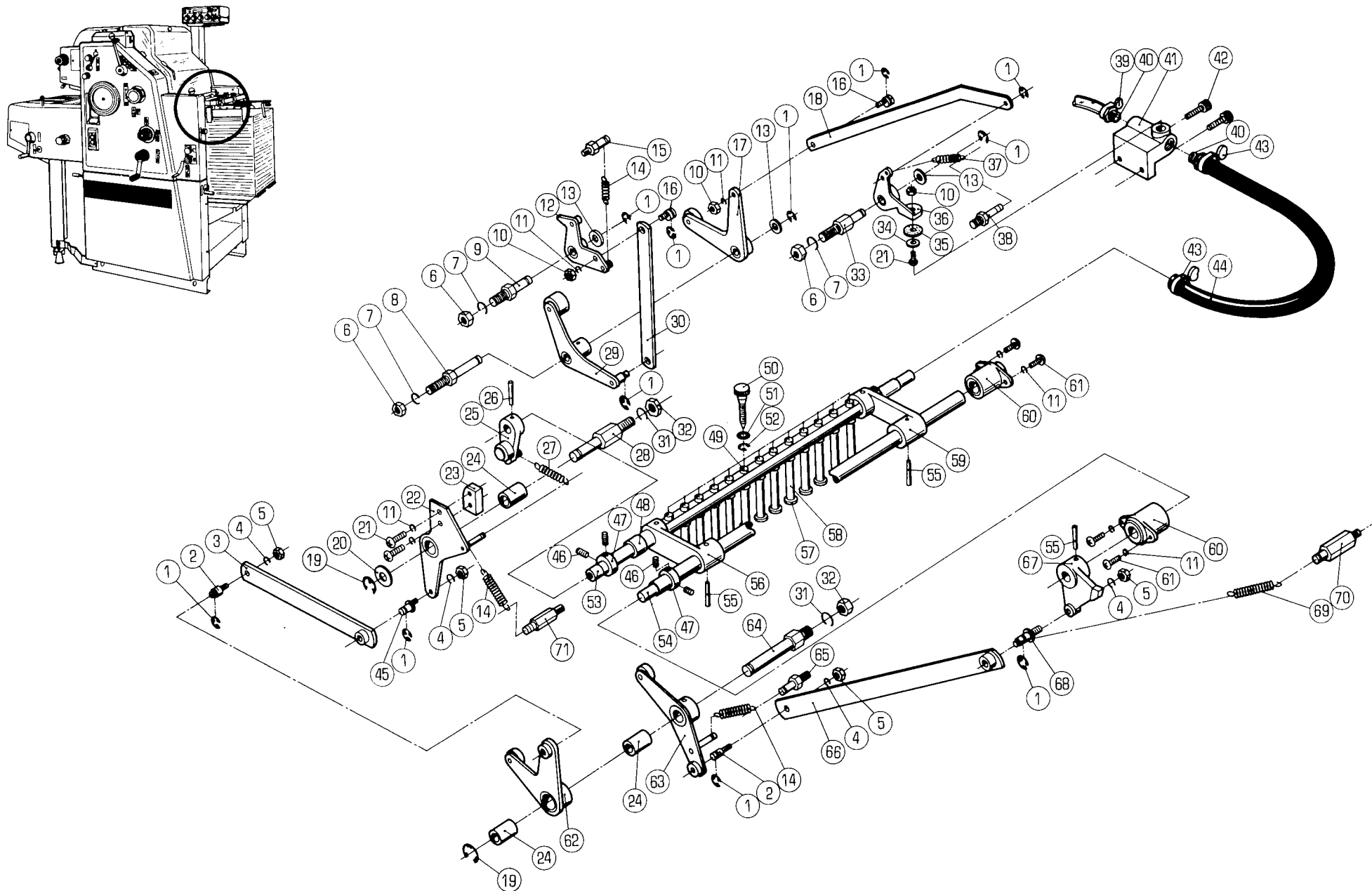
*ZOHIS Allikai Viti 3211-Viti t'A.COV, FAIHIVAS cL t'FtOe

Note: When ordering Items marked * indicate the set numbers because they are available in set only

NO.	PARTS NO.	PARTS NAME	SET NO.	COMPONENT PARTS NO.	Q'ty
31	9710 10 0008	Spring washer, M10			2
32	9660 10 0014	Hexagon nut, M10			2
33	5290 34 142	Stud			1
34	9716 05 0014	Plain washer, M5			1
35	5290 34 141-1	Packing			1
36	5290 34 130	Lever			1
37	5290 37 434	Spring			1
38	5290 21 161	Spring stud			1
39	91 211	Hose band			1
40	5290 34 152	Nipple			2
41	5290 34 151	Valve			1
42	9670 06 2008	Hexagon socket head bolt, M6 X 20			2
43	91 213	Hose band			2
44	91 225	Hose			1
45	5290 33 431	Pin			1
46	9684 05 0508	Hexagon socket head set-screw, M5 X 5			4
47	5290 29 314	Lock collar			2
48	5290 33 214	Bushing			2
49	5290 33 312	Holder			13
50	5290 33 313	Knob			13
51	90 500	O-Ring, P-4			13
52	90 600	CE-Ring, CE-4			13
53	5310 33 221	Shaft			1
54	5310 33 211	Shaft			1
55	9411 40 3600	Taper pin, Ø4X36			3
56	5290 33 215	Arm			1
57	5290 33 314	Rubber sucker			13
58	5290 33 311	Suction foot			13
59	5290 33 213	Arm			1
60	5290 29 210	Bushing			2

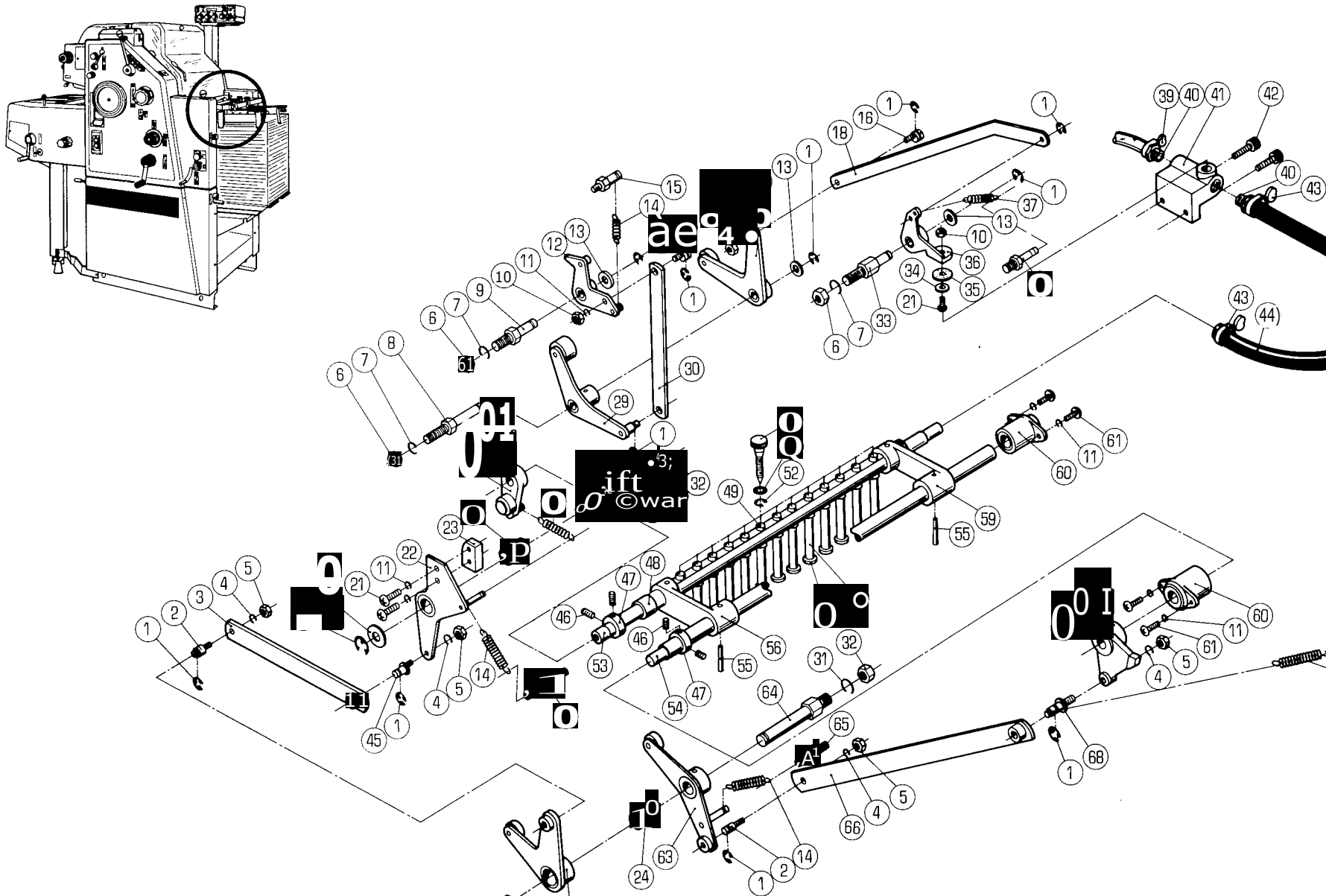
h 9 :/g4an

44 SUCTION DRIVING SECTION



NO.	PARTS NO.	DI 411 \$	PARTS NAME	it -R SET NO.	11 a COMPONENT PARTS NO.	111 Q'ty
1	9721 07 0008	E')	E— 7			11
2	5290 33 143		Pin			2
3	5290 33 420		Link			1
4	9710 06 0008		Spring washer, M6			4
5	9660 06 0014	s.v	M 6			4
6	9660 08 0014	Algitv 1-	M8			3
7	9710 08 0008		M 8			3
8	5290 21 121		Stud			1
9	5290 21 141	V K	Stud			1
10	9660 05 0014	itAtv	M 5			3
11	9710 05 0014		M 5			8
12	5290 21 130		Lever			1
13	5290 29 312		Washer			3
14	5290 21 143	f I) 2f	Spring			3
15	5290 21 142		Spring suspender			1
16	5290 21 123		Pin			2
17	5290 34 110		Lever			1
18	5290 34 121	)	Link			1
19	9721 10 0008	E >	E —10			2
20	5290 29 311	)1k	Washer			1
21	9642 05 1014		M 5 X10			3
22	5290 33 440	L.,	Lever			1
23	5290 33 453	)3 4	Cam			1
24	5290 37 121	,(9)1.	Bushing			3
25	5290 33 230		Lever			1
26	9411 40 3200	e>	04 X32			1
27	5290 33 451	7' i)	Spring			1
28	5290 33 452	V 1'	Stud			1
29	5290 21 110		Lever			1
30	5290 21 122	) >	Link			1

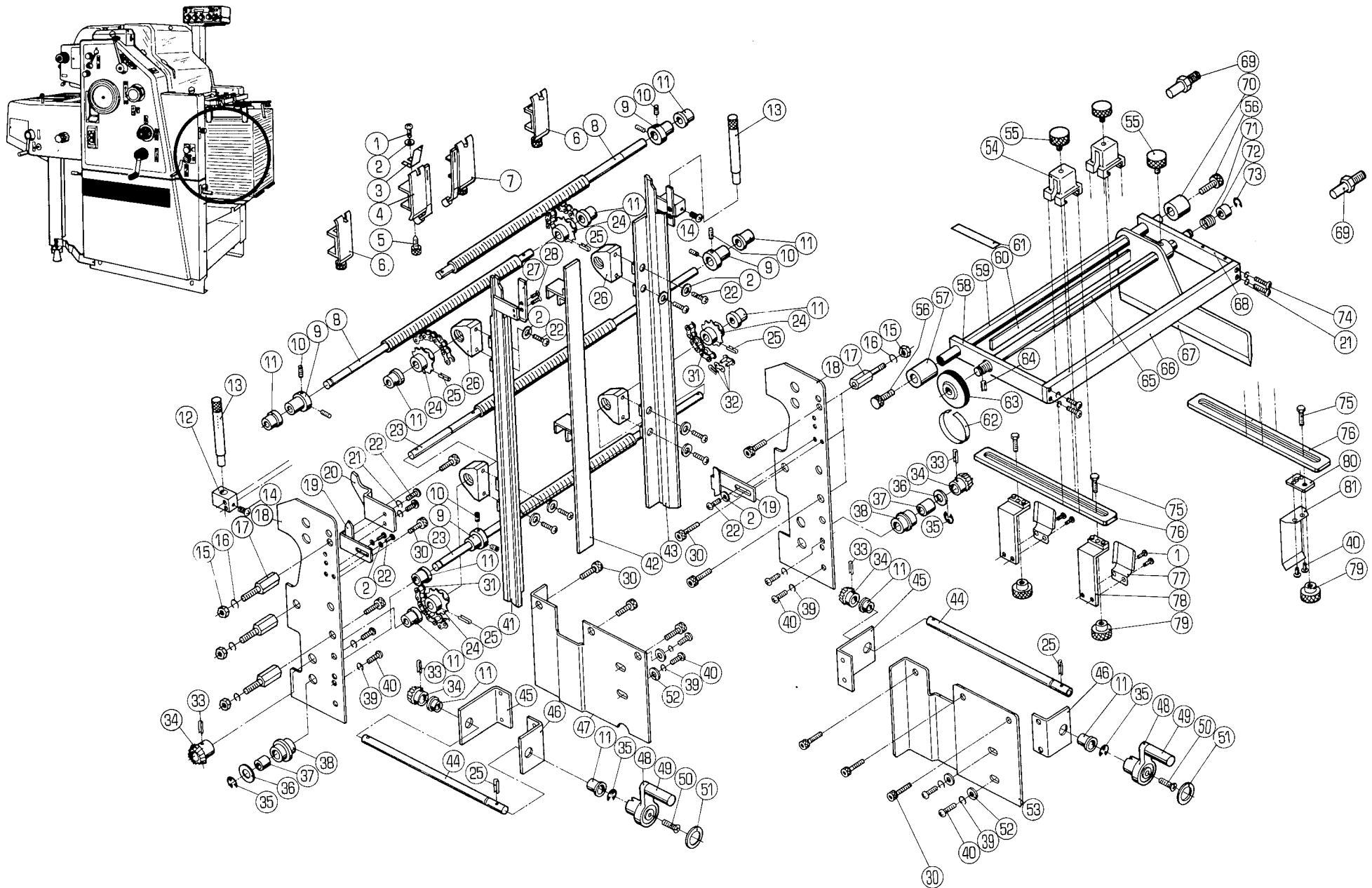
:4gfthn 42 SUCTION DRIVING SECTION



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PAPER GUIDE SECTION

sy L 0 Ft Lx,,
Note: When ordering items marked * indicate the set numbers because they are available in set on

NO.	PARTS NO.	filen4OfF	PARTS NAME	セット番号 SET NO.	44102* COMPONENT PARTS NO.	re(Q'ty
60	5310 44 314	A 7" —)14N	Scale plate			1
61	5290 32 126		Indicator			1
62	5290 32 125	4 .) 7 —	Indicator			1
63	5290 32 123-1	V7 ri.-1	Knob			1
64	9410 20 1008	A.7°) > e> 02 X10	Spring pin, 0 2 X 10			1
65	5310 32 118		Shaft			1
66	5310 32 116	J54 K A F. —	Guide stay			1
67	5310 32 130	4 ± K A h	Side stretch			1
68	5290 32 114	7 — 4	Arm			1
69	5290 32 117	A I-	Stopper			2
70	5290 32 113	カラー	Collar			1
71	5290 32 121	A 7° ')	Spring			1
72	5290 32 122		Cover			1
73	90 603	C E V 1/ C E-12	CE-Ring, CE-12			1
74	9642 04 1014	M 4 X10	Small pan head screw, M4X 10			4
75	5290 32 215		Screw			3
76	5290 32 212	2, 4 7 #N	Slide plate			2
77	5290 32 313	A 7° 1 /°	Spring			2
78	5290 32 310	A 7° I) /° 台	Spring base			2
79	5290 32 216	V7 ミ	Knob			3
80	5290 32 213	A 7° リング 台	Spring base			1
81	5290 32 214	A 7° V	Spring			1

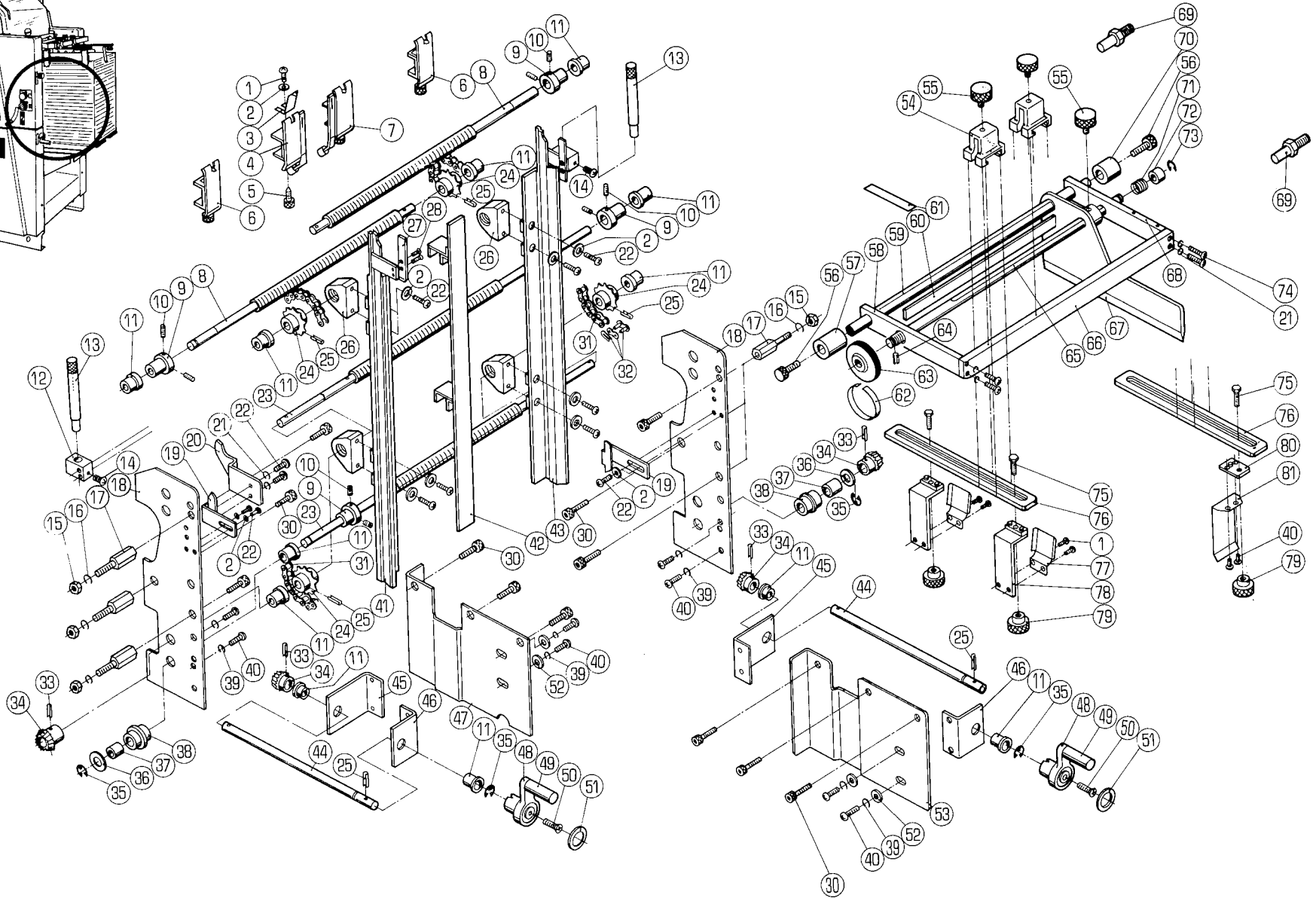
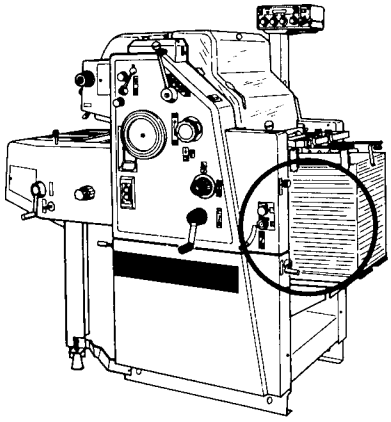


PARTS GUIDE SECTION

* Zcniffsalldlcertt-321LT**V•IaDV

Note: When ordering items marked * indicate the set numbers because they are available in set of

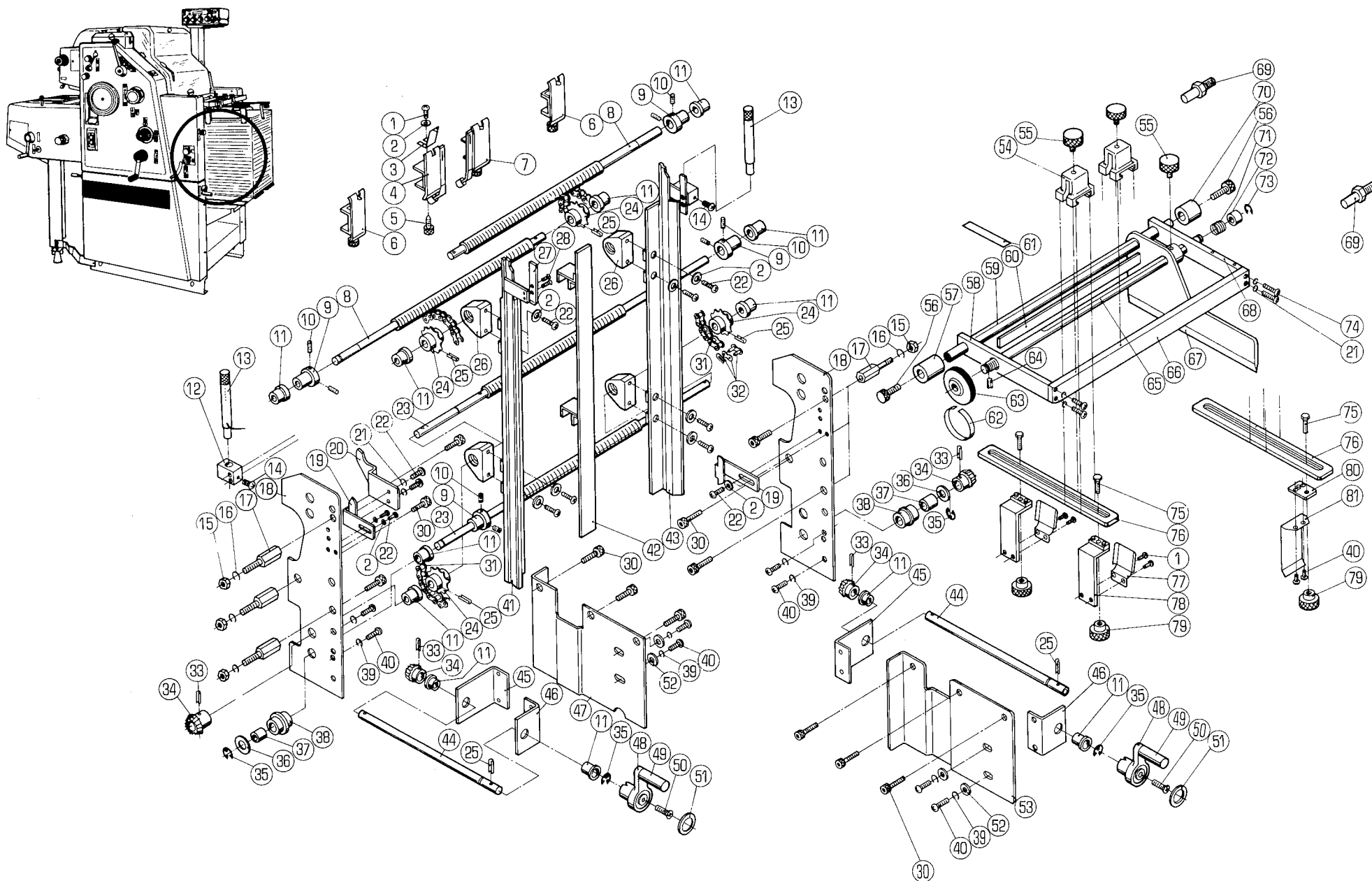
NO.	PARTS NO.		PARTS NAME	SET NO.	COMPONENT PARTS NO.	Q'ty
32	90 852		Joint link			2
33	9410 30 1608		Spring pin, 953 X 16			4
34	5300 32 574		Gear			4
35	9721 07 0008	E	E-Ring, E-7			4
36	5290 29 312		Washer			2
37	5300 58 144	(9	Bushing			2
38	5300 32 573	O-5--	Roller			2
39	9710 05 0008		Spring washer, M5			8
40	9642 05 1014		Small pan head screw, M5 X 10			10
41	5300 32 510		Guide			1
42	5300 32 550	B-f	Guide			1
43	5300 32 520	J5-1 K	Guide			1
44	5300 32 576	t 7 I-	Shaft			2
45	5300 32 564	7 5/TY	Bracket			2
46	5300 32 575	55 ti F	Bracket			2
47	5310 32 577		Cover			1
18	5310 12 220	11,	Handle			2
18	5300 12 220-1		Handle (I tek)			2
19	5310 12 223	=-*	Gripper			2
ig	5300 12 223		Gripper (I tek)			2
0	9650 05 2014		Small oval counter sunk screw, M5 X 20			2
1	5300 12 224	7"1.,—	Plate			2
2	9716 05 0014		Plain washer, M5			4
3	5310 32 578		Cover			1
	5290 32 211	1:)1,9"—	Holder			2
	5290 32 141	V 7	Knob			3
	9670 08 2508		Hexagon socket head bolt, M8 X 2 5			2
	5290 32 112	t 5—	Collar			1
	5290 32 115	7—b,	Arm			1
	5310 32 111	—	Stay			1



PAPER GUIDE SECTION

*Z01,1SA12*AV12821[1.. Cti t-A,(7) V, 1-11-11Vait LT Fto.
Note: When ordering items marked * indicate the set numbers because they are available in set on

NO.	PARTS NO	MI	4	PARTS NAME	SET NO.	COMPONENT PARTS NO.	Q'ty
1	9642 04 0414	t'</14:')	M4 X 4	Small pan head screw, M4X 4			8
2	9716 04 0014	Jtk	M 4	Plain washer, M4			16
3	5290 32 451		—	Sheet separator			4
4	5290 32 420	"5 h		Bracket			1
5	5290 32 452			Knob			4
6	5290 32 440	"5/7 V 1-		Bracket			2
7	5290 32 430	5 /7 sY 1-		Bracket			1
8	5310 32 567			Screw			2
9	5300 32 572	t		Collar			4
10	9684 05 0508		M 5 X 5	Hexagon socket head set-screw, M5 X 5			8
11	5300 32 568			Bushing			12
12	5290 32 532-1	ICI		Block			2
13	5290 32 533-1	it -(	—	Side blower			2
14	9642 05 1614		M 5 X16	Small pan head screw, M5 X16			2
15	9660 08 0014	icikt	M 8	Hexagon nut, M8			6
16	9710 08 0008		M 8	Spring washer, M8			6
17	5300 32 565			Stud			6
18	5310 32 561	7 L.-14		Frame			2
19	5300 32 563	fl-f F		Guide			2
20	5300 32 562	-f		Guide			1
21	9710 04 0008		M 4	Spring washer, M4			10
22	9642 04 0814		M 4 X 8	Small pan head screw, M4X 8			14
23	5310 32 566			Screw			2
24	5300 32 571	A7'1:15 v		Sprocket			4
25	9410 30 2008	A"') > /'>	03 X20	Spring pin, 03 X 20			6
16	5300 32 569	:"75 i F-		Bracket			4
17	5290 32 531	-f		Guide			2
8	9648 04 1014		M 4 X10	Small flush-head screw, M4X 10			4
0	9670 0612 08	:c 7Vri ;Kn.	M 6)(12	Hexagon socket head bolt, M6 x 12			12
1	90 804	—		Chain			2



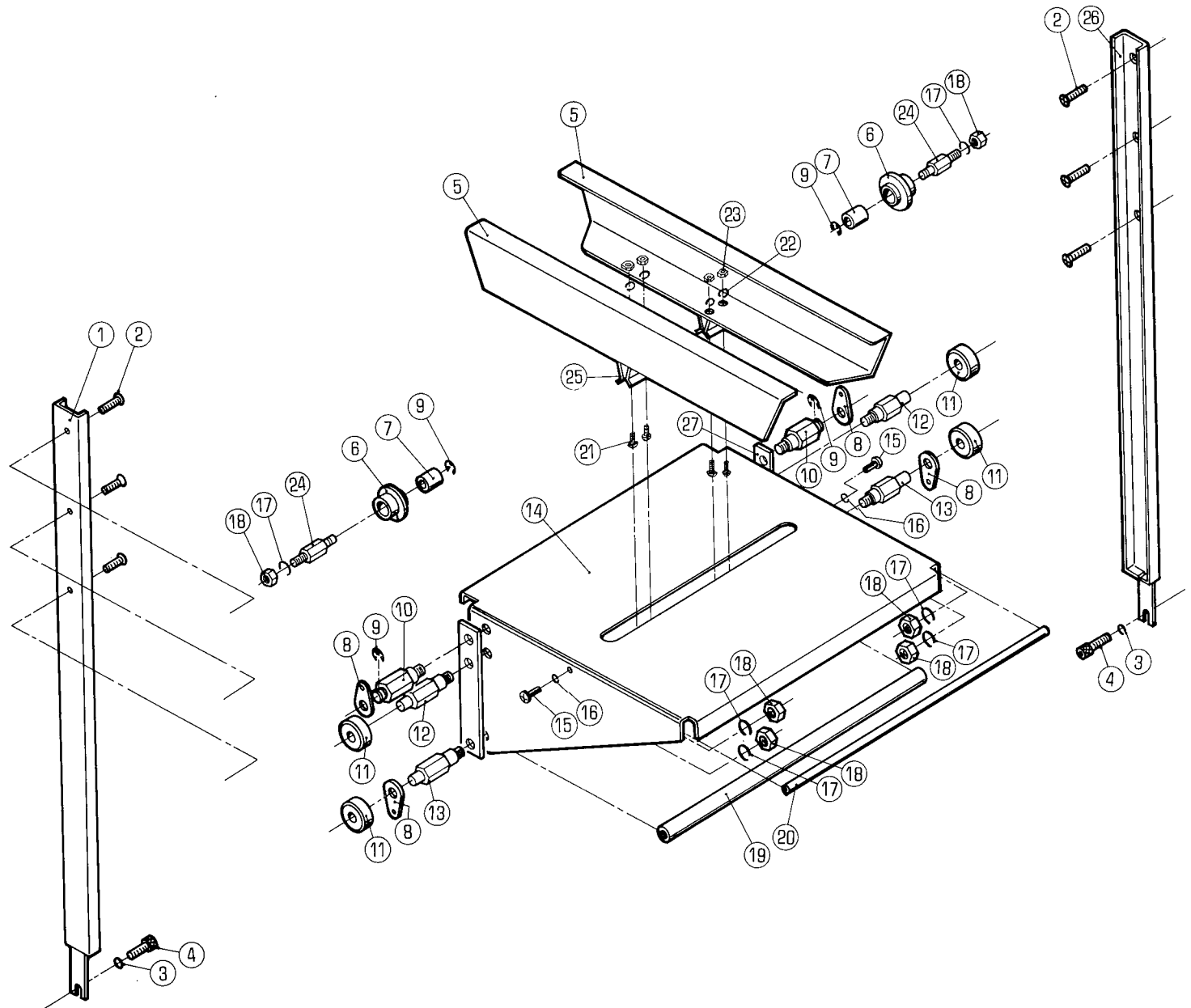
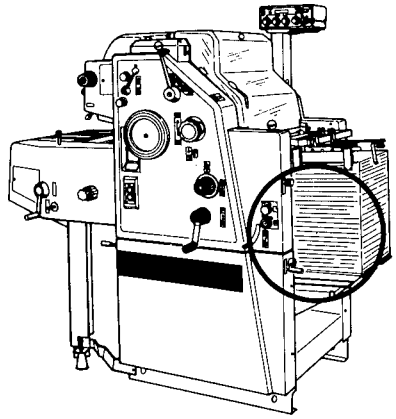
11.7 Tn.)
FEED TABLE SECTION

00/15 AII*NcettliAt
Note: When ordering items marked * indicate the net numbers because they are available in net on

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NO.	PARTS NO.	g13	t	PARTS NAME	ift '9 SET NO.	4111 A COMPONENT PARTS NO.	IN SI Q'ty
1	5320 31.211	—		Rail			1
2	9648 05 1014		M 5 X10	Small flush head screw, M5 X10			6
3	9716 06 0014		M 6	Plain washer, M6			2
4	9670 06 1208		M 6 X12	Hexagon socket head bolt, M6 X12			2
5	5310 31 121	—	F.	Table foot			2
5	5296 31 121			Table foot (I tek)			2
6	5290 31 213	7t3-1 —)1,		Wheel			2
7	5290 31 214	1)1.		Bushing			2
8	5290 31 116	1) .1		Link			4
9	9721 07 0008	E	E— 7	E-Ring, E-7			4
10	5310 31 113-1		V K	Stud			2
11	5290 31 117			Roller			4
12	5310 31 114-1	A9 V F:		Stud			2
13	5310 31 115-1	A9		Stud			2
14	5310 31 111	—		Table			1
14	5296 31 111			Table (I tek)			1
15	9642 05 1014	iJ	MS X10	Small pan head screw, M5X 10			2
16	9710 05 0008		M 5	Spring washer, M5			2
17	9710 08 0008		M 8	Spring washer, M8			6
18	9660 08 0014	IcAt1	M 8	Hexagon nut, M8			6
19	5290 31 112			Stay			1
20	5290 31 118	A-T--		Stay			1
21	9642 03 0614	t</1'.	M 3 X 6	Small pan head screw, M3 X 6			4
22	9710 03 0008	/ .11k	M 3	Spring washer, M3			4
23	9660 03 0014		M 3	Hexagon nut, M3			4
24	5290 31 212	A9		Stud			2
25	5290 31 122	A ') >		Spring			2
26	5290 31 211	L'—		Rail			1
17	5310 31 119	— h		Plate			2

7 4 5 34 FEED TABLE SECTION



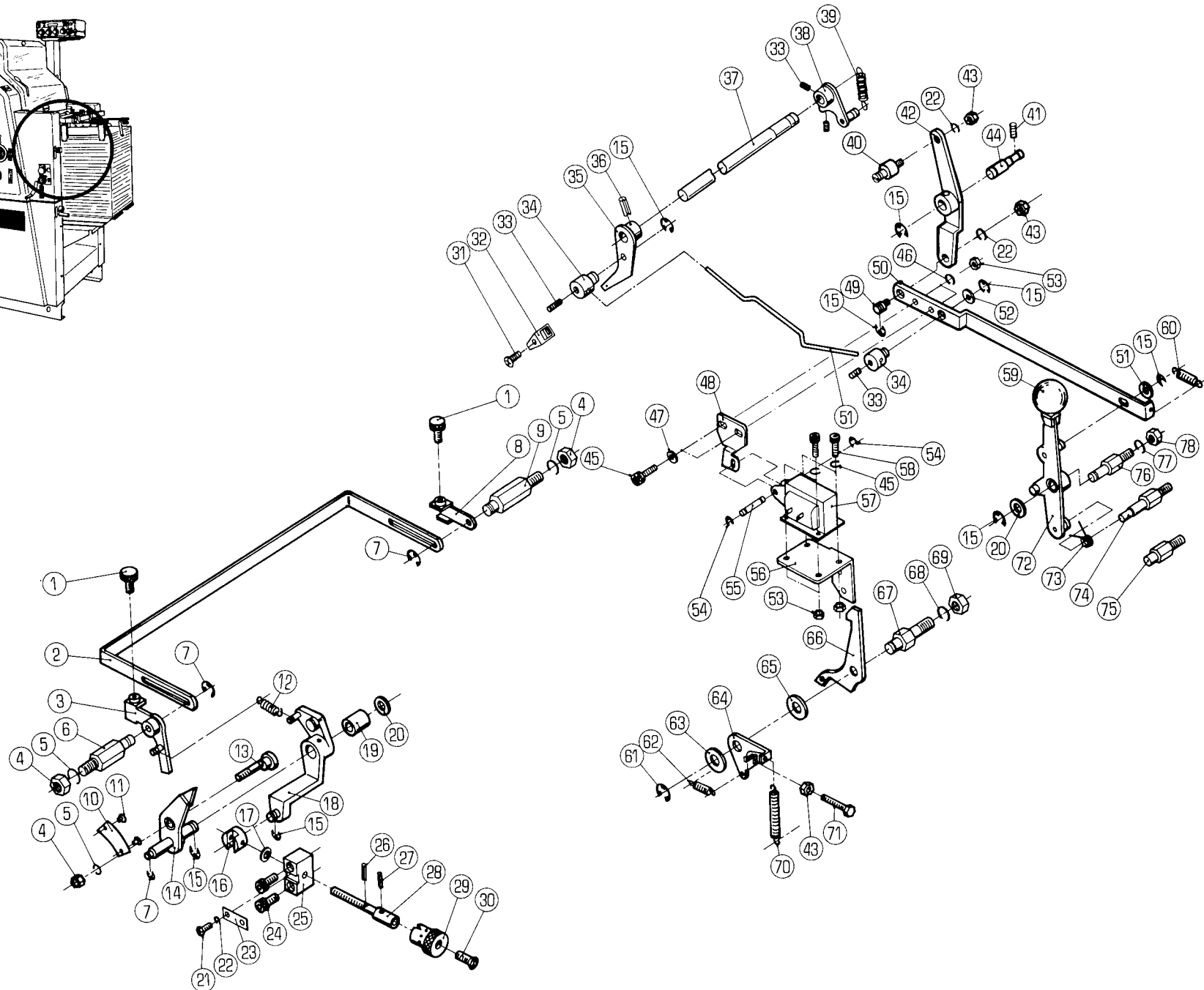
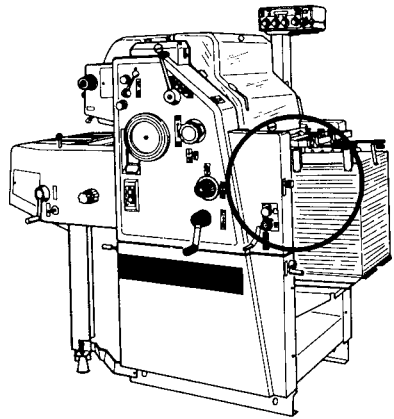
HEIGHT CONTROL BAR • FEED LEVER SECTION

* = 011' & 12' NIVittSSUV**t Ar OV, I' *1'YeANC L CT
Note: When ordering items marked * indicate the set number, because they are available in set of

NO	it 41 PARTS NO.	Ms t ftf	PARTS NAME	it 9- SET NO.	lit COMPONENT	IF 44- PARTS NO.	Q'ty
59	90 758	= .4:	Ball grip				1
59	5296 33 525-1		Ball grip (I tek)				1
60	5290 33 536		Spring				1
61	9721 10 0008	E E-10	E-Ring, E-10				1
62	5290 21 521	A 7 I)	Spring				1
63	5290 29 311		Washer				1
64	5290 33 513	7-4	Arm				1
65	5290 33 512		Washer				1
66	5290 33 515		Ratch				1
67	5290 33 511	A v I ²	Stud				1
68	9710 10 0008	/ */It M10	Spring washer, M10				1
69	9660 10 0014	Aft t v/ M10	Hexagon nut, M10				
70	5290 33 514	A 7 ')	Spring				1
71	9672 05 2514	Aft M 5 X25	Hexagon head bolt, M5 X 2 5				1
72	5290 33 520		Lever				1
73	5290 33 534	A 7 ^{*1}) .//^	Spring				1
74	5290 33 533	A 1) /41.17	Spring stud				1
75	5290 33 532	A I-	Stopper				2
76	5290 33 531	AI v	Stud				1
r7	9710 08 0008	A4sIt M8	Spring washer, M8				
'8	9660 08 0014	IKAJ M 8	Hexagon nut, M8				1

v 1,, -15

32 HIGHT CONTROL, FEED LEVER SECTION

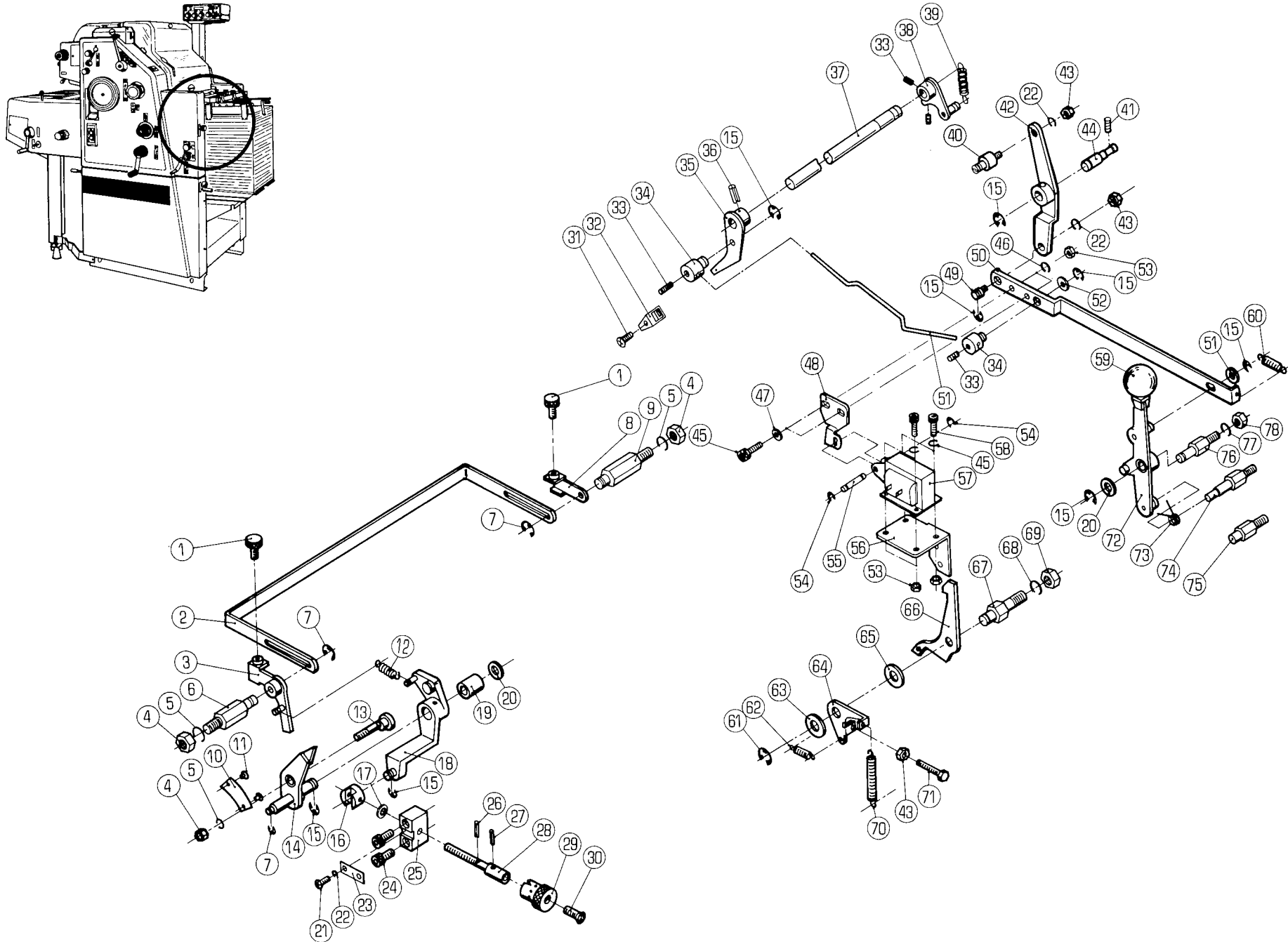


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HEIGHT CONTROL BAR • FEED LEVER SECTION

irc_011figIIIKATIttaLTie*t/vOT,
Note: When ordering items marked * indicate the set numbers because they are available in set o

NO.	PARTS NO.	PARTS NAME	SET NO.	COMPONENT PARTS NO.	Q'ty
31	9648 04 1014	M 4 x 10			1
32	5310 33 538	V7 Z:			1
32	5300 33 538	Knob (I tek)			1
33	9684 05 0508	M 5 x 5			4
34	5290 33 562	4C A			2
35	5310 33 570	Lever			1
36	9410 30 2008	,e3 x 20			1
37	5310 33 574	t 7 1-			1
38	5310 33 580	Lever			1
39	5290 21 521	A•7!1 z "			1
40	5322 33 552	e			1
41	9684 06. 0608	A\$17ift.iEY*::; M 6 x 6			1
42	5322 33 540	Lever			1
43	9660 05 0014	t M 5			3
44	5322 33 551	A5 7 1 ⁴			1
45	9642 04 1014	t'VJ*i.% M 4 x 10			2
47	9716 04 0014	M 4			2
48	5290 33 554-1	7 — A			1
49	5290 33 537	e			1
50	5322 33 553	Link			1
51	5322 33 563	!j			1
52	5290 29 313	*			1
53	9660 04 0014	4			6
54	9721 03 0008	E E —3			2
55	5300 33 561-1	e			1
56	5290 33 555	Bracket			1
57	97 617	/ r (100 ¹ /#1)			1
57	97 608	Solenoid (for 115V)			1
57	97 618	Solenoid (for 230V)			1
58	9670 04 1008	M 4 x 10			4

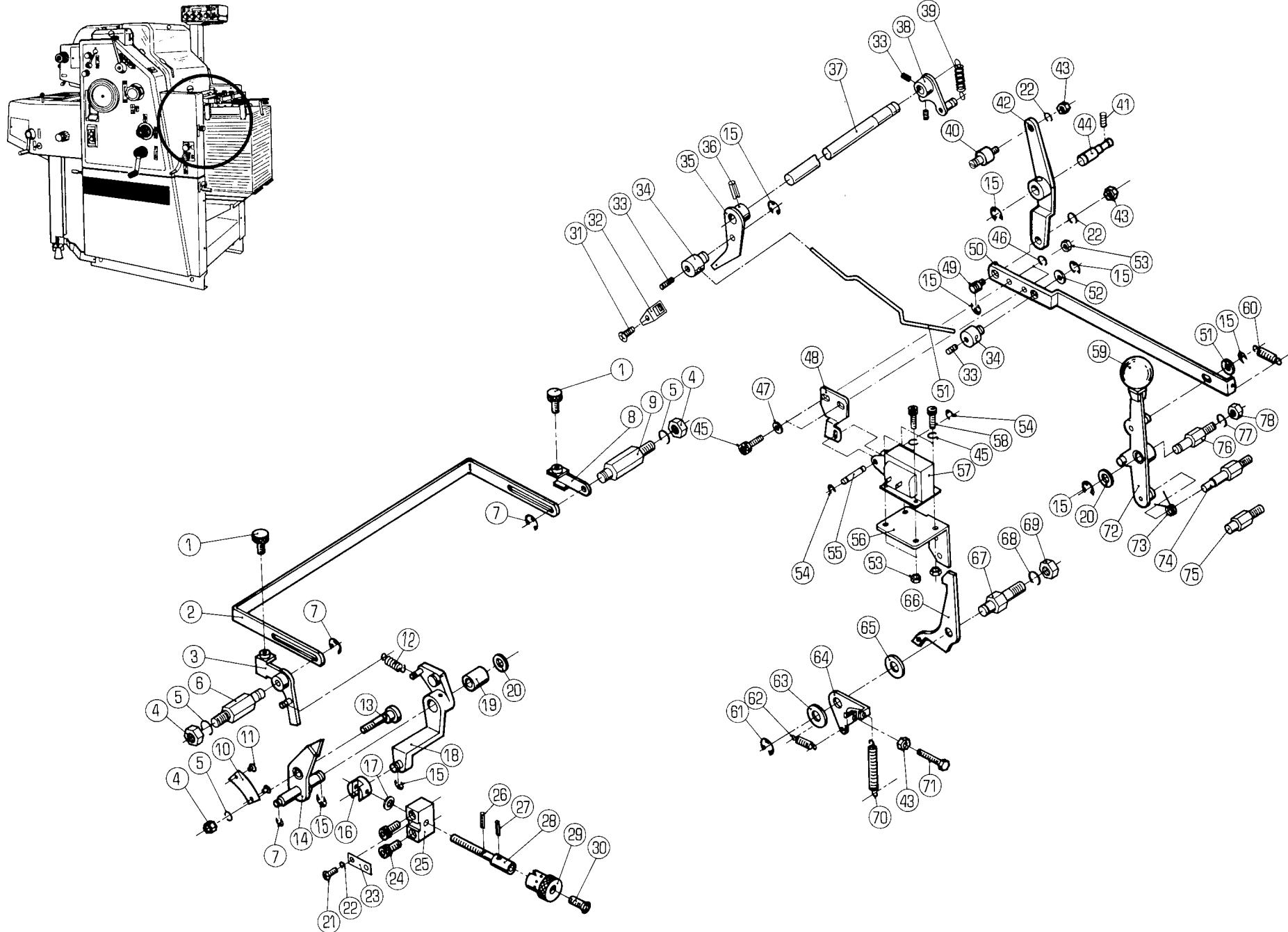
И 41-3 т- -)1/1 --, 7 4 -F k/ ---n 30 HIGHT CONTROL, FEED LEVER SECTION



HEIGHT CONTROL BAR • FEED LEVER SECTION

C.:0115Altillit/V111-3211,Vti tA.,are, 1.*-FIVAjt "CT Lt.
 Note: When ordering items marked * indicate the sot numbers because they are •available in set or

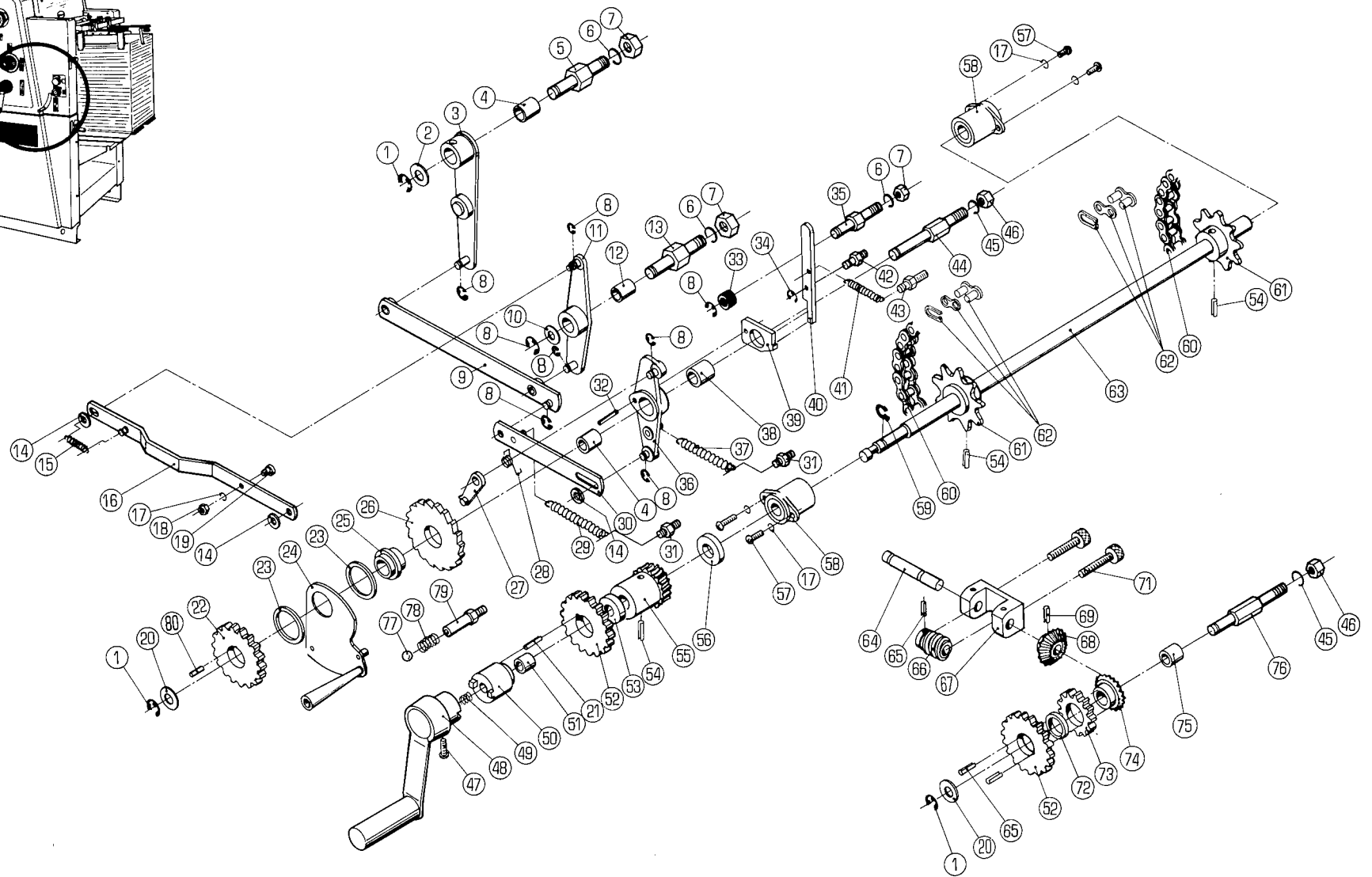
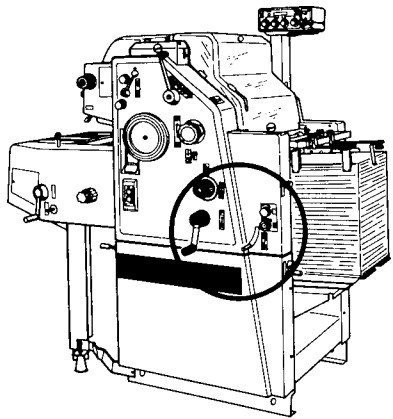
NO	111 PARTS NO	t 4	PARTS NAME	t F 11 SET NO.	1111 COMPONENT PARTS NO.	ilf	mi Q'ty
1	5290 32 452		Knob				2
2	5310 38 351		Bar				1
3	5290 38 310-1		Lever				1
4	9660 06 0014	1- M 6	Hexagon nut, M6				3
5	9710 06 0008	i ls M 6	Spring washer, M6				3
6	5290 38 321	A9 V I:	Stud				
7	9721 05 0008	E 9 1/ E - 5	E-Ring, E-5				3
8	5290 38 330	/ —	Lever				
9	5290 38 341	A9	Stud				1
10	5290 38 237	A IT --)14R	Scale plate				1
11	90 730	--A 01.6X 5	Drive screw, 1.6 X 5				2
12	5290 38 322-1	A 7*IJ	Spring				1
13	5290 38 231	A 9 V F-	StUd				1
14	5290 38 220	— —	Indicator				1
15	9721 07 0008	E E- 7	E-Ring, E-7				8
16	5290 38 232	a -f	Joint				1
17	9716 06 0014	M 6	Plain washer, M6				1
18	5290 38 210-1		Lever				1
19	5290 38 121	,t 9 JI'	Bushing				1
20	5290 29 312		Washer				3
21	9642 05 0514	M S X 5	Small pen head screw, M5 X 5				1
22	9710 05 0008	/C4k t M 5	Spring washer, M5				3
23	5290 38 238		Leaf spring				1
24	9670 06 2008	t:15VITft)1, M 6 X20	Hexagon socket head bolt, M6 X20				2
25	5290 38 233	j:13	Block				1
26	9410 20 1008	A7 I) 1, e../ 02 X10	Spring pin, 0 2 X 10				1
	9410 30 1608	J'f) " / 03 X16	Spring pin, 03 X 16				1
18	5300 38 234-1		Screw				1
19	5290 38 236	V 7	Knob				1
0	9650 05 2014	M 5 X 20	Small oval counter-sunk screw, M5 x 20				



PAPER FEED TABLE LIFTING SECTION

*:= OffSenfl*AVII:Sit Ltz**t/v0V, 1-Wil-Ta3Z
Note: When ordering items marked * indicate the set numbers because they are available in set or

NO	PARTS NO	PARTS NAME	SET NO.	* A # COMPONENT PARTS NO.	IN ft CYty
59	9722 12.0008	C') > C-12			1
60	90 800	I —>			2
61	5290 37 712	7° 1-1 7			2
62	90 856				2
63	5310 37 711	7 h-			1
64	5290 37 612	7 l--			1
65	9410 30 2008	z 7 ') /of 3 X20			3
66	5290 37 614				1
67	5290 37 611	15h			1
68	5290 37 613				1
69	9410 30 2508	A7° 1-1 > ° e> %3 X25			1
71	9670 06 3508	7K A ' ;'07171i)1, M 6 X35			2
• 72	5310 37 516	71iA	5310 37 510	52, 72, 73, 74	1
73	5290 37 515		5310 37 510	52, 72, 73, 74	1
74	5290 37 512		5310 37 510	52, 72, 73, 74	1
75	5290 26 112	1,			1
76	5310 37 511	A 9 v lz			1
77	90 400	· —)1:71i—)L' 5/16"			
78	5290 37 412	7° ') > °			
79	5290 37 411	l:			
80	9410 30 1808	A7°U:./9"t*: 03 x 18			1

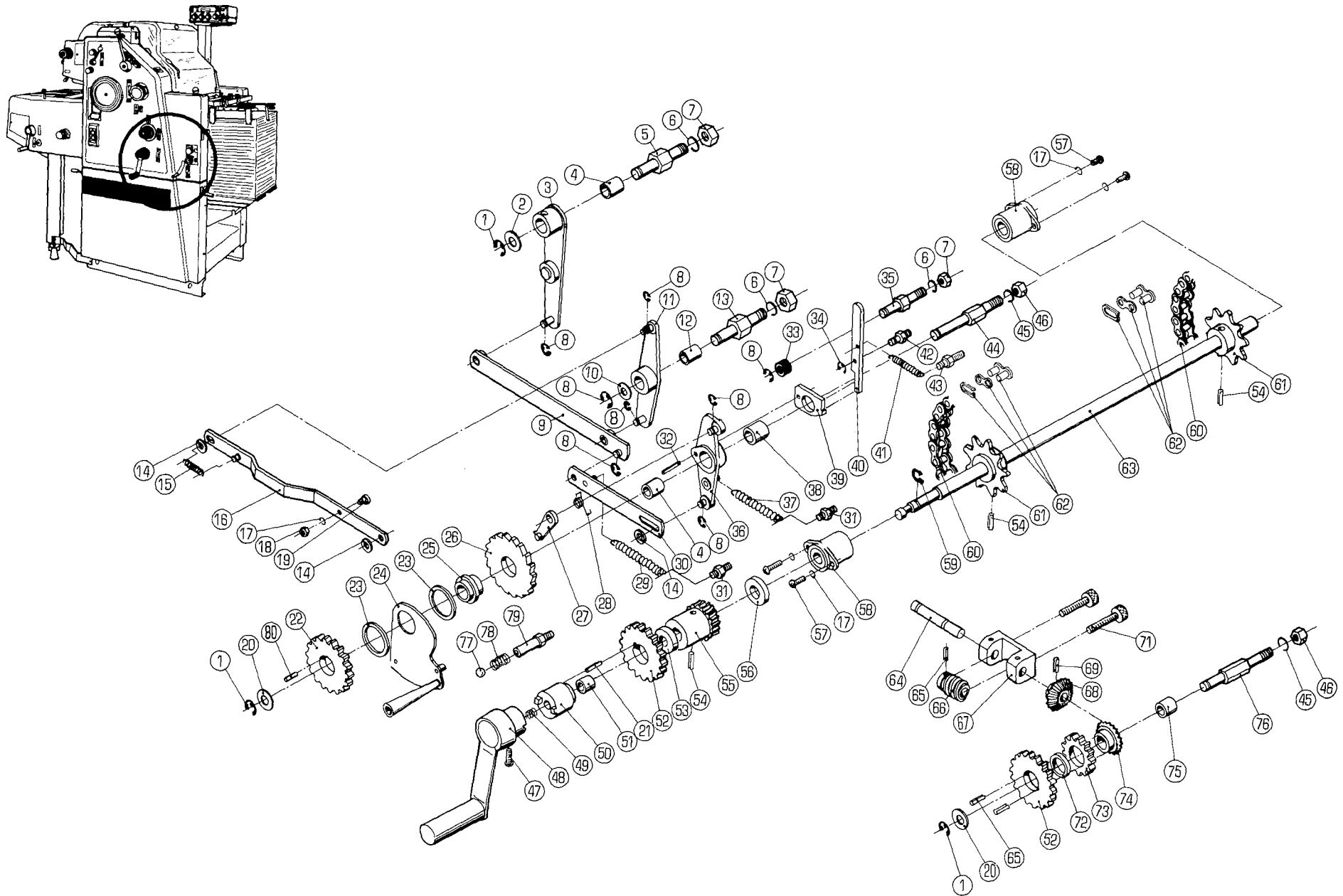


PAPER FEED TABLE LIFTING SECTION

Offrialt*AVII8A
 1.*-51-T315tL
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Note: When ordering items marked * indicate the set numbers because they are available in set or

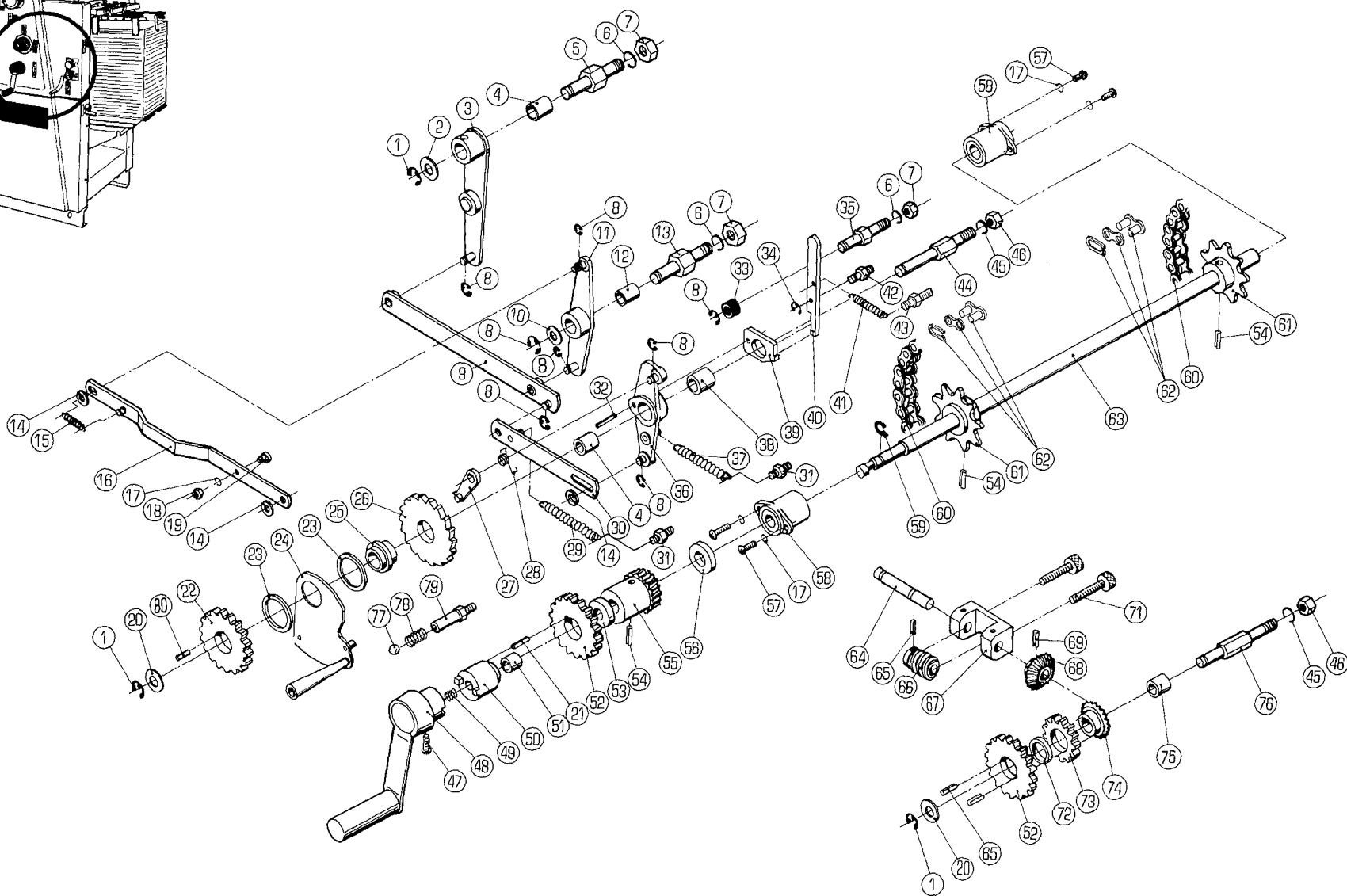
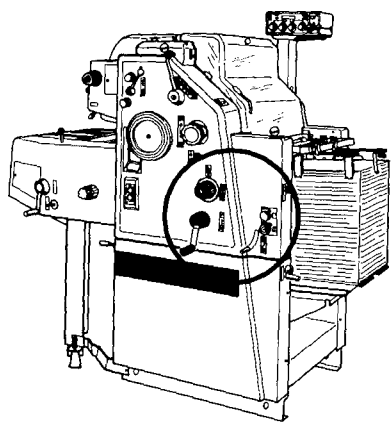
NO	PARTS NO	PARTS NAME SET NO. COMPONENT PARTS NO. SI ft Q'ty
31	5290 21 641	Spring stud 2
32	9410 40 2008	Spring pin, Ø4X 20 1
33	5290 21 164	Rubber stopper 1
34	9721 04 0008	E-Ring, E-4 1
35	5290 37 421-1	Stud 1
36	5290 37 220	Lever 5290 36 230 36, 39 1
37	5290 37 233	Spring 1
38	5290 37 232	Bushing 1
39	5290 37 231	Clutch 5290 37 230 36, 39 1
40	5290 37 432	Ratch 1
41	5290 37 434	Spring 1
42	5290 37 431	Stud 1
43	5290 37 433	Spring stud 1
44	5290 37 211	Stud 1
45	9710 10 0008	Spring washer, M10 2
46	9660 10 0014	Hexagon nut, M10 2
47	9642 05 0514	Small pan head screw, M5 X 5 1
48	5310 37 810	Handle 1
48	5300 37 810	Handle (I tek) 1
49	5290 37 814	Spring 1
50	5310 37 723	Boss 5310 37 720 50, 52 1
51	5290 21 612	Bushing 1
52	5290 37 313	Gear 5310 37 720 50, 52 1
52	5290 37 313	Gear 5310 37 510 52, 72, 73, 74 1
53	5310 37 724	Collar 1
54	9410 50 3208	Spring pin. Ø5X 32 3
55	5290 37 722	Gear 1
56	5290 37 721	Collar 1
57	9642 05 1614	Small pan head screw, M5 X16 4
58	5290 29 210	Bushing 2



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PAPER FEED TABLE LIFTING SECTION

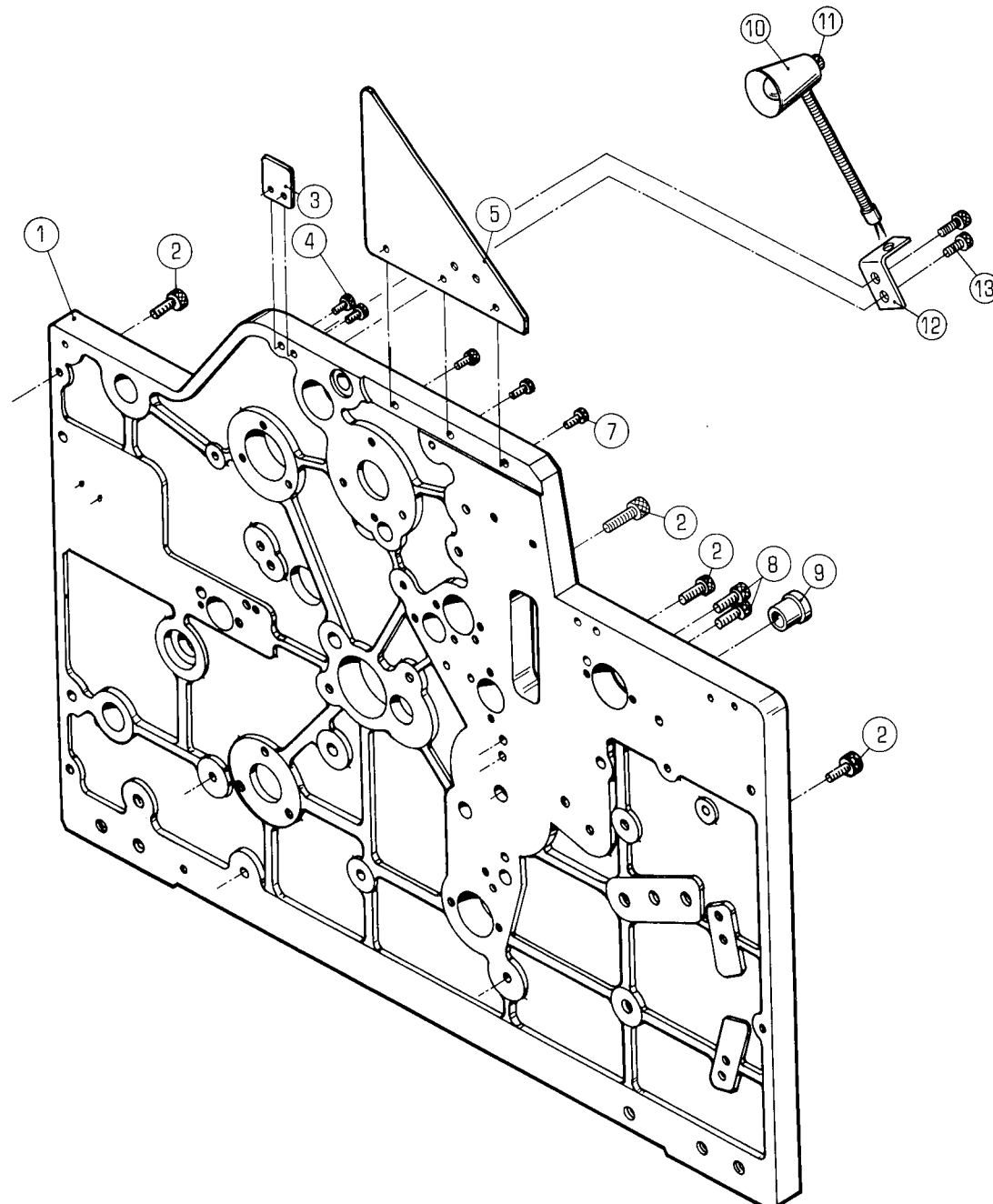
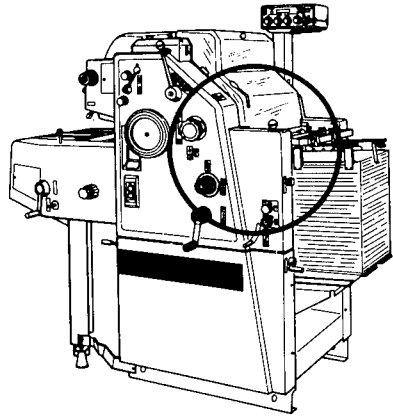
*LogsaiitilienvIttsig L c F
Note: When ordering items marked * indicate the set numbers because they are available in net oi

NO.	S # ' PARTS NO	gl3 atn	PARTS NAME	# SET NO.	tit COMPONENT PARTS NO.	IN I& Q'ty
1	9721 10 0008	E ') > E-10	E-Ring, E-10			3
2	5290 29 311	11	Washer			1
3	5290 37 110-1		Lever			
4	5290 37 121		Bushing			2
5	5290 37 122		Stud			
6	9710 08 0008	M 8	Spring washer, M8			3
7	9660 08 0014	Afigit F- M 8	Hexagon nut, M8			3
8	9721 07 0008	E') > E — 7	E-Ring E-7			14
9	5290 37 130	>	Link			
10	5290 29 312		Washer			
11	5290 38 110		Lever			
12	5290 38 121	,) ⁴	Bushing			
13	5290 38 122		Stud			1
14	5290 29 313		Washer			9
15	5290 38 141	2 7') ¹	Spring			
16	5290 38 130		Link			
17	9710 05 0008	/ < • t-J1 M 5	Spring washer, M5			5
18	9660 05 0014	M 5	Hexagon nut, M5			
19	5290 38 142		Pin			1
20	5290 37 314		Washer			2
21	9410 30 1608	A 7 I) :./ E. > 03 X16	Spring pin, 03 X16			2
22	5290 37 313-1	—	Gear	5290 37 310-1	22, 25, 26	1
23	5290 37 332	t 5 —	Collar			2
24	5290 37 320-1	) 3 4	Cam			
25	5290 37 311		Boss	5290 37 310-1	22, 25, 26	1
36	5290 37 312	5	Ratchet wheel	5290 37 310-1	22, 25, 26	1
27	5290 37 240-1	fa	Pawl			
28	5290 37 251	7°	Spring			
29	5290 37 151	7°) • > ˆ	Spring			1
30	5290 37 140	>	Link			



NO.	DP* 4 PARTS NO.	fig t 4	PARTS NAME	SET NO.	COMPONENT PARTS NO.	Q'ty
1	5320 29 112		Frame			1
2	9670 08 2508	ifi'A'4st71:)1'	Hexagon socket head bolt, M8 X25			4
3	5290 29 114	t'-f	Guide			1
4	9670 06 2508	F M 6 X25	Hexagon socket head bolt, M6 X 25			2
5	5290 29 113-2	7t- -L.	Frame			1
7	9670 06 1208.	AIIVA'41'3IIJF F M 6 X12	Hexagon socket head bolt, M6 X12			3
8	9670 05 2008	M 5 X20	Hexagon socket head bolt, M5 X 20			2
9	5290 29 115	, 911,	Bushing			1
10	95 211	51/7	Lamp			1
11	97 553		Lamp switch			1
12	5290 61 151-2	75 7'Y F	Bracket			1
13	9670 05 1608	itIli'A'11'7KJI,F MS X16	Hexagon socket head bolt, M5 X16			2

*ft 7 1'-1. WV/MD n 20 MAIN FRAME (MS) SECTION

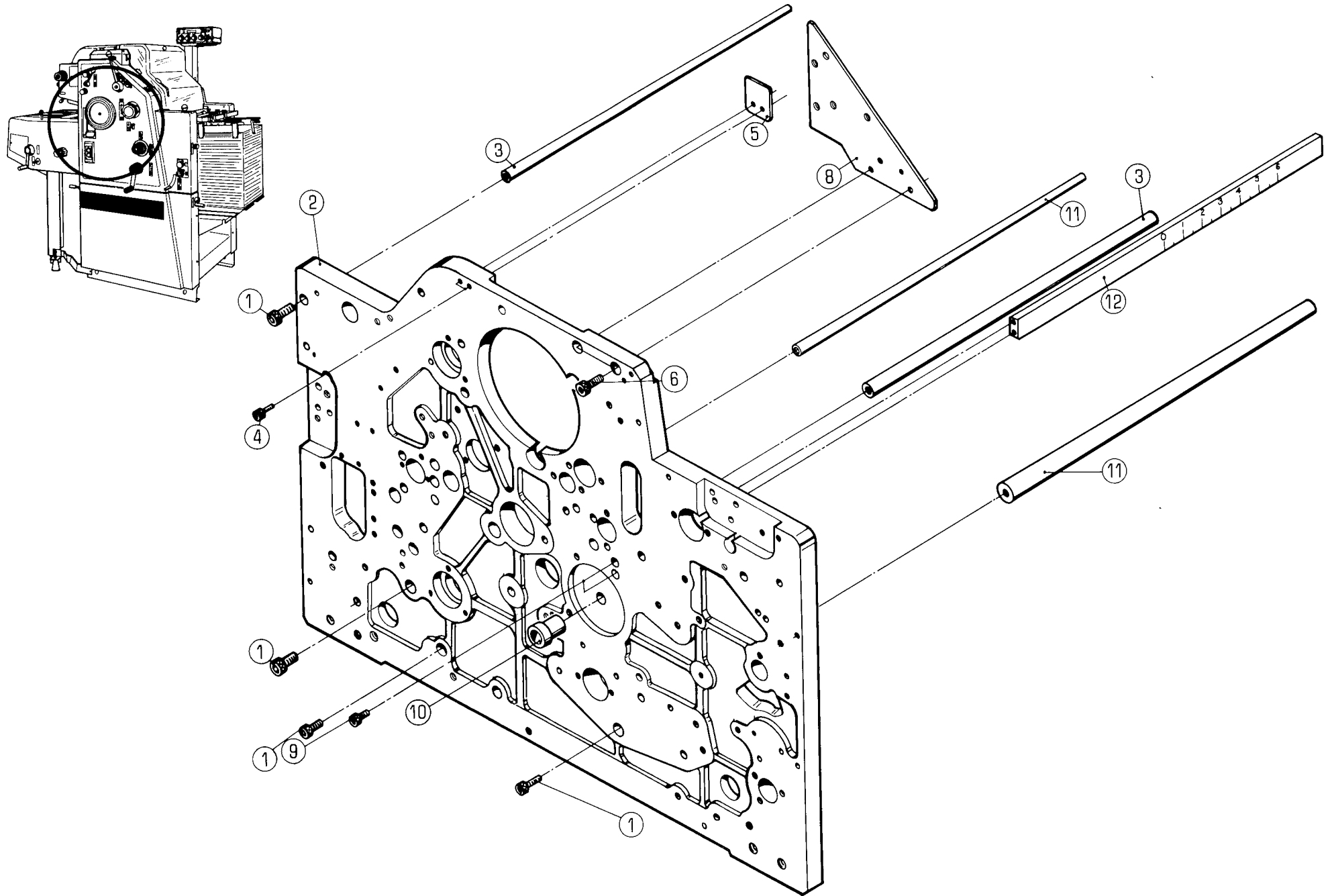


MAIN FRAME SECTION(OPS)

. 01ffight,173 eltki1 L v 1*-11}ea3c L c F L ,,
Note: When ordering items marked * indicate the set numbers because they are available in set o

NO.	PARTS NO.		PARTS NAME	SET NO.	411 A * -9- COMPONENT PARTS NO.	Q'ty
1	9670 08 1608	A' P\ ilt7t01.	M 8 X16		Hexagon socket head bolt, M8 x16	4
2	5322 29 111-1	7 I" -14			Frame	1
3	5310 29 233				Stay	2
4	9670 06 2508	Algrk' fitnOLr	M 6 X25		Hexagon socket head bolt, M6 X 25	2
5	5290 29 114	t'-f f			Guide	1
6	9670 06 1208	ft7t01r	M 6 X12		Hexagon socket head bolt, M6 X12	2
8	5322 29 113	7 1./ -14			Frame	1
9	9670 05 2008	70174171i)r	M 5 X20		Hexagon socket head bolt, M5 X 20	2
10	5290 29 115	) ⁴ /1.			Bushing	1
11	5310 29 232	A 7 -			Stay	2
12	5310 32 410	A 7 -			Stay	1

*IA 7 1, - A (WFM) iffS 18 MAIN FRAME (OPS) SECTION



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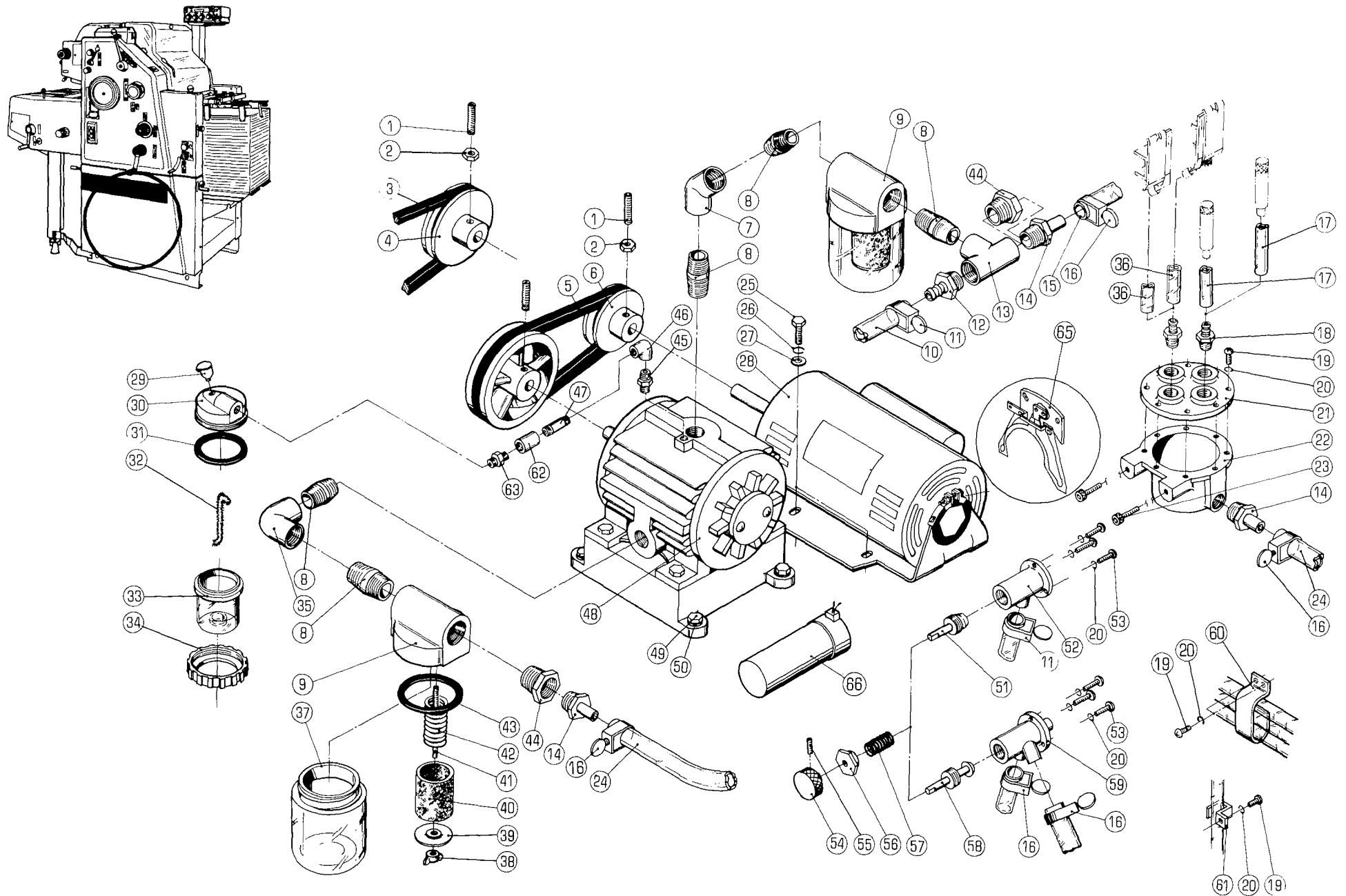
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1.*¹4⁻CA3ZLTT

SET NO.	COMPONENT PARTS NO.	Q'ty
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16EWn 14 PUMP PIPING SECTION



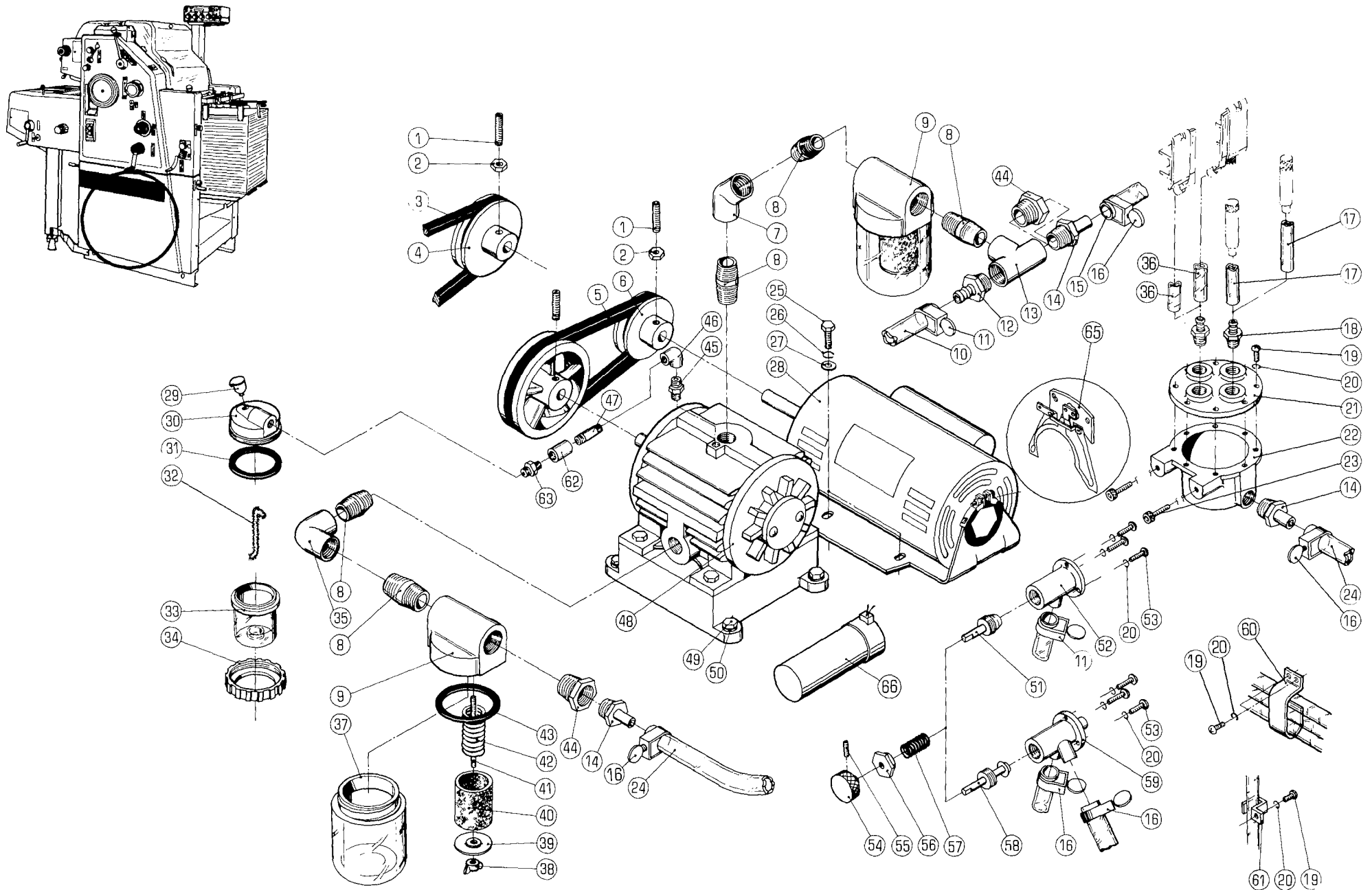
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PUMP PIPING SECTION

*COAgtitia*AV(ttat 1.1111'ealC LT F t
Note; When ordering items marked * indicate the eel numbers because they ere available in sot o

NO	it 41 PARTS NO.	lf! t fff	PARTS NAME	it 41 SET NO.	IF COMPONENT PARTS NO.	* City
29	91 251	71"-f Jldt	Oil cup			1
30	5290 16 412	4--t•	Cap			1
31	90 502	0 l) > P-46	0-Ring,-P-46			1
32	91 150		Wick			1
33	5290 16 414	* /1.	Bottle			1
34	5290 16 413		Nut			1
35	91 234		Elbow			1
36	91 228	*— A	Hose			2
37	5290 16 311		Bottle			2
38	9664 05 0014	lglt 1 M 5	Wing nut, M5			2
39	5290 16 315		Washer			2
40	5290 16 313	4 —	Filter			2
41	5290 16 316		Screw			2
42	5290 16 314	7 ^{P1}) i f	Spring			2
43	5290 16 312		Packing			2
44	91 231		Bushing			2
45	91 237	=	Nipple			1
46	91 236		Elbow			1
47	5290 16 411		Pipe			1
48	91 100-1	71Z >	Pump			1
49	9672 08 2514	Aft M 8 x 25	Hexagon head bolt, M8 X 25			4
50	9710 08 0008	/ -/ * M8	Spring washer, M8			4
51	5290 17 112	A	Needle			1
52	5290 17 111		Valve			1
i3	9642 05 3014	M 5 x30	Small pan head screw, M5 X 30			6
wit	5290 17 117	V7 "Si	Knob			2
5	9684 05 0508	M 5 X 5	Hexagon socket head set-screw, M5 X 5			2
6	5290 17 116		Cover			2
7	5290 17 115	A 7 ^{P1})	Spring			2
3	5290 17 114	A e > F	Needle			1

4° >70tEwn 12 PUMP PIPING SECTION

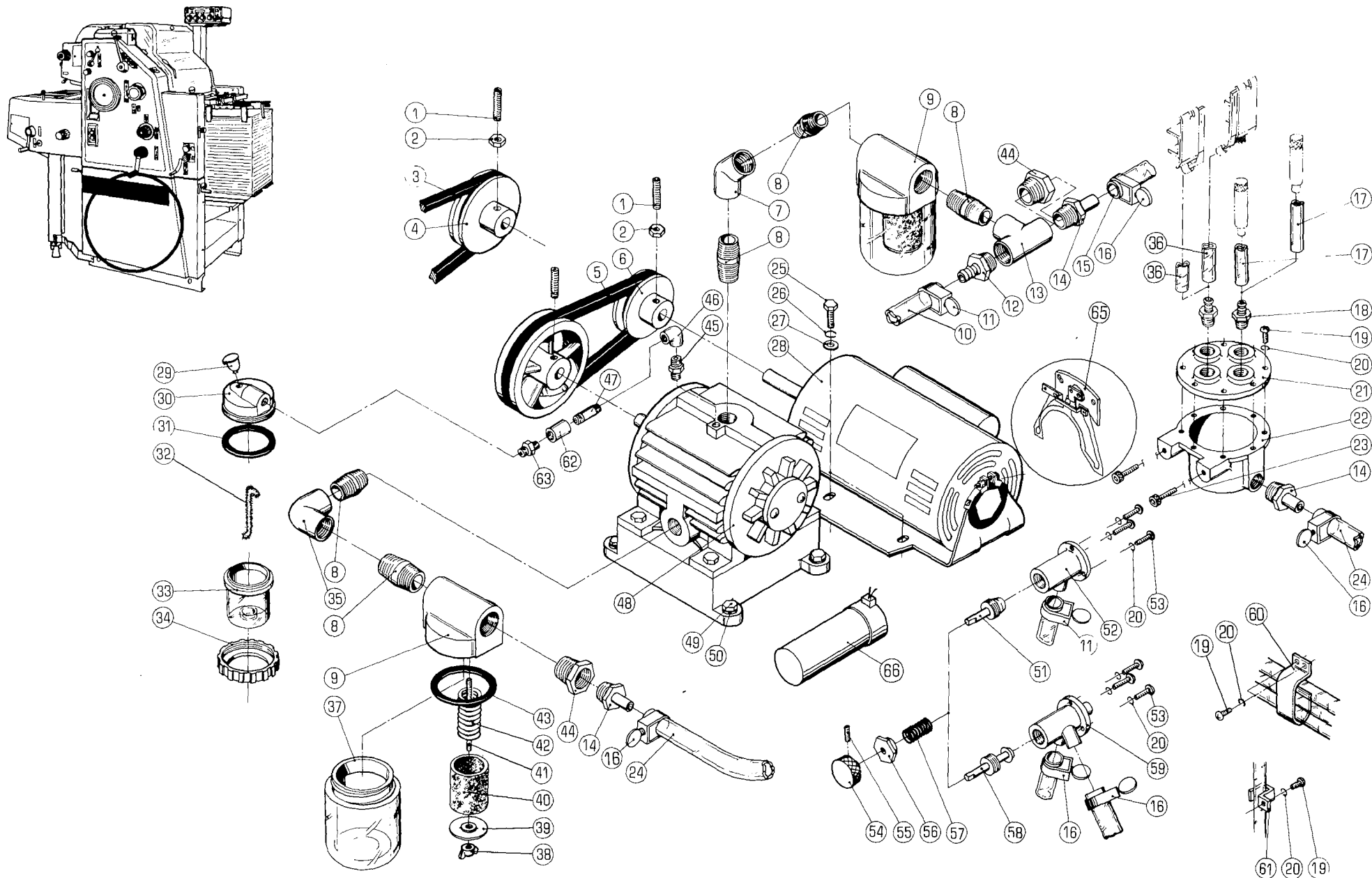


PUMP PIPING SECTION1

*ZORISalt*A`C12821LT\*\*t/v0V, 't 1-iiI}Ta3Z1.-`C F O.
Note: When ordering items marked * indicate the net numbers because they are available in set

NO.	1:0 PARTS NO.	it rff4	f* tLE.) [†] •ts	P ARTS NAME	is it -4 SET NO.	1* gi it -4 COMPONENT PARTS NO.	Qty
1	9684 08. 2008	1	1tLE.) [†] •ts	M 8 X20	Hexagon socket head set-screw, M8 X 20		1
2	9660 08 0014		h	M 8	Hexagon nut, M8		1
3	90 102	V	</i, F	A-36" (50Hz)	V-belt, A-36"(50Hz)		1
4	5290 16 112	7	— ')— (50Hz)		Pulley (50Hz)		1
5	90 101	V	r<)>h	A-35" (60 Hz)	V-belt, A-35"(60Hz)		1
6	5290 16 111	1	— ')— (60Hz)		Pulley (60Hz)		1
7	91 233				Elbow		1
8	91 240		7)I.		Nipple		5
9	5290 16 212		-\"Y		Cap		2
10	91 222	t			Hose		1
11	91 212				Hose band		2
12	91 200	—	7)1,		Hose nipple		1
13	91 232				Elbow		1
14	5290 34 152		7)1.-		Nipple		3
15	91 220				Hose		1
16	91 211				Hose band		5
17	91 226	t			Hose		2
18	91 201	* —	7)L,		Hose nipple		4
19	9642 05 1014		M 5 X10		Small pan head screw, M5 X10		7
20	9710 05 0008		M 5		Spring washer, M5		13
21	5290 17 121	)>/ —			Cover		1
22	5290 17 122	—			Terminal		1
23	9670 05 2008		F M 5 x20		Hexagon socket head bolt, M5 X20		2
24	91 814				Hose		2
25	9672 06 1214	7	it L, h	M 6 X12	Hexagon head bolt, M6 X12		4
26	9710 06 0008		M 6		Spring washer, M6		4
27	9716 06 0014		M 6		Plain washer, M6		4
28	97 018	—	100V		Motor 100V		1
28	97 019				Motor 115V		1
28	97 020				Motor 230V		1

10 PUMP PIPING SECTION



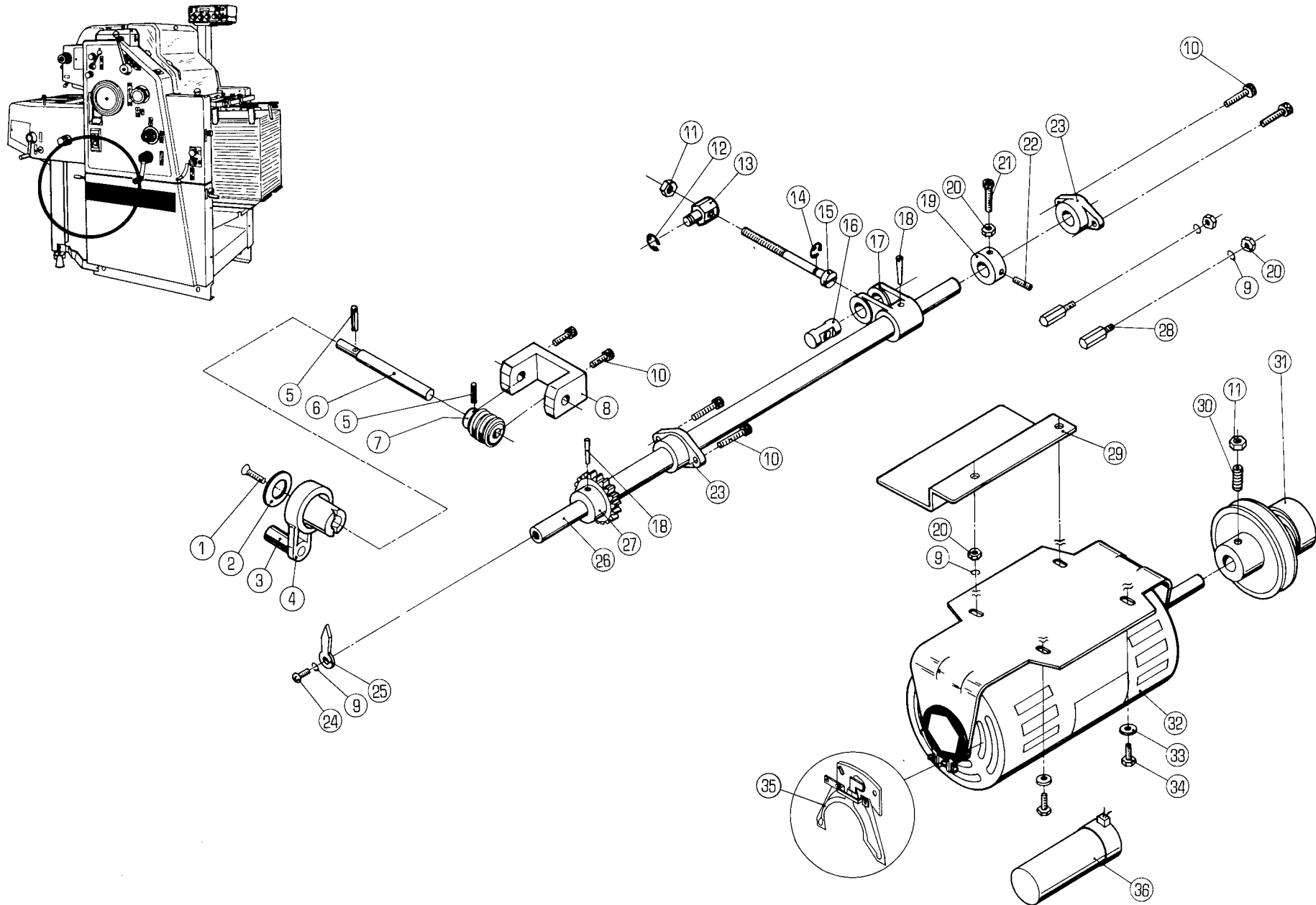
V_AMS
VARIABLE SPEED SECTION

*ZoflialtiLA CrttS l... C**tA,60 e, F-11⁰-TMA L. C7

Note: When ordering items marked * indicate the set numbers because they are available in set of

NO.	go it PARTS NO.	4	PARTS NAME	1- SET NO.	gt lif COMPONENT PARTS NO.	in Mc Q'ty
29	5290 11 163		Cover			1
30	9684 08 2008	Aftitirflh, ⁴ *') M 8 X20	Hexagon socket head set-screw, M8 X 20			1
31	5290 15 200		Variable speed pulley			1
32	97 018	— 100y	Motor, 100V			1
32	97 019		Motor, 115V,			1
32	97 020		Motor, 230V			1
33	9716 06 0014	M 6	Plain washer, M6			4
34	9672 06 1614	7t M 6 x16	Hexagon head bolt, M6 X16			4
35	97 093	A9— F- -1'	Start switch			1
36	97 092		Condenser			1

VAS 8 VARIABLE SPEED SECTION



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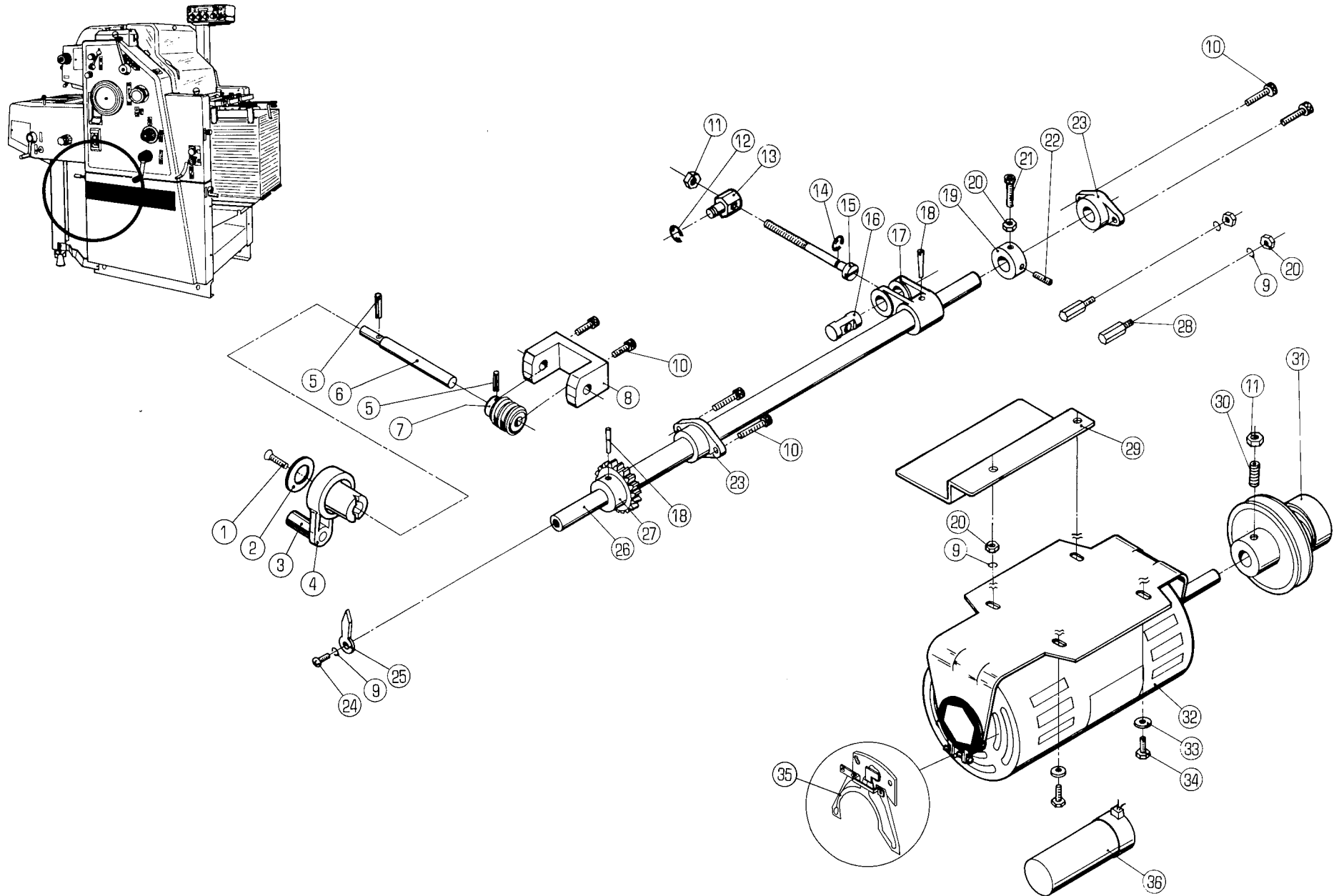
VARIABLE SPEED SECTION

ItZ 01113,1111*ATH8X1 T**V.A,0`e. FAIVIIITA3Z LT`Ft L`o

Note: When ordering items marked * Indicate the set numbers because they are available in set o

NO.	PARTS NO	PARTS NAME	# SET NO.	-g- COMPONENT PARTS NO	r(Q'ty
1	9650 05 2014)1.1B1/1-4 M 5 X20	Small oval counter sunk screw, M5 X20			1
2	5300 12 224 7 L- -	Plate			1
3	5310 12 223 a * i)	Grip			1
3	5300 12 223	Grip (I tek)			1
4	5310 12 220 \\\	Handle			1
4	5300 12 220-1	Handle (I tek)			1
5	9410 30 2008 A7 ^{p1}).s. e.s./ 03 X20	Spring pin, 03 X 20			2
6	5300 12 212 t 7 1-	Shaft			1
7	5290 12 213 *A" -	Gear			1
8	5290 12 211	Bracket			1
9	9710 06 0008 M 6	Spring washer, M6			5
10	9670 06 1208 1 f L F- M 6 X12	Hexagon socket head bolt, M6 X12			6
11	9660 08 0014 jri f- MS	Hexagon nut, M8			2
12	9721 10 0008 E i) >f E-10	E-Ring, E-10			1
13	5290 12 413	Pin			1
14	9721 07 0008 E 1- E - 7	E-Ring, E-7			1
15	5290 12 412	Screw			1
16	5290 12 411 c >	Pin			1
17	5290 12 313 7 - 1-4	Arm			1
18	9411 40 3600 e> 04 X36	Taper pin, 0 4 X 36			2
19	5290 12 314 1E t -	Lock collar			1
20	9660 06 0014 7\j ² t M 6	Hexagon nut, M6			5
21	9670 06 4508 7045'047101- M 6 X45	Hexagon socket head bolt, M6 X45			1
22	9684 06 0608 101t0t1.E ⁴ M 6 X 6	Hexagon socket head set-screw, M6 X 6			1
23	5290 12 315 , ⁴ 9)1.	. Bushing			2
24	9642 06 1614 t/</1'4'-') M 6 X16	Small pan head screw, M6 X16			1
25	5290 12 317 -f - -	Indicator			1
26	5320 12 311 7 F-	Shaft			1
27	5290 12 312 -	Gear			1
28	5290 12 316 Z F- -	Stopper			2

V5dtg5 6 VARIABLE SPEED SECTION



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BED FRAME SECTION

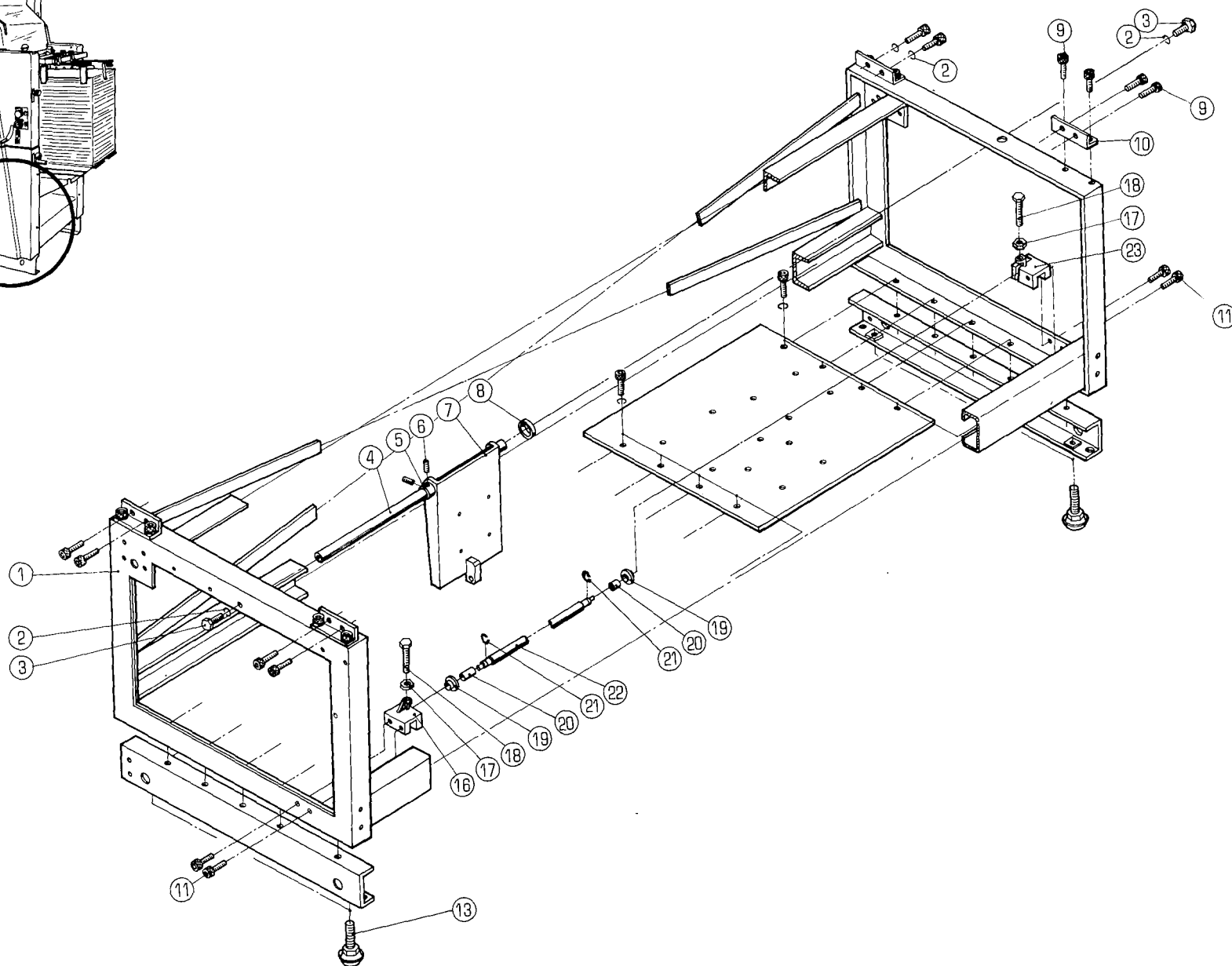
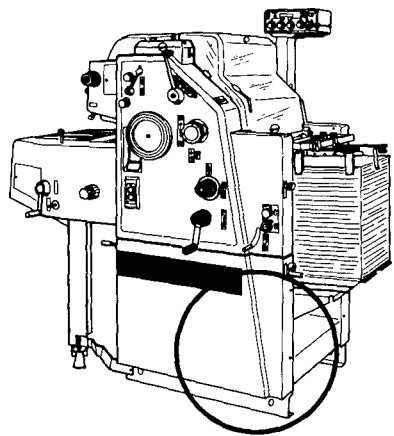
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Note: When ordering items marked * indicate the at numbers because they are available in set on

NO.	in PARTS NO.	4it t	PARTS NAME	it SET NO.	#11 NZ COMPONENT PARTS NO.	MI I& Crty
1	5310 11 110-1	1- Assy	Bed Assy			1
2	9710 10 0008	M10	Spring washer, M10			4
3	9672 10 2014	Icittli)1- M10X20	Hexagon headed bolt, M10 X 20			2
4	5310 11 151	A5L —	Stay			1
5	5290 11 152	1E} t 5 —	Lock collar			1
6	9684 06 0608	itIE }4 4+ M 6 X 6	Hexagon socket head set-screw, M6 X 6			2
7	5290 11 160	j`5	Bracket			1
8	5290 11 153	t —	Collar			1
9	9670 10 2008	Afil 4 t)L, L M10 x 20	Hexagon socket head bolt, M10X 20			16
10	5290 13 111	j`5 f-	Bracket			4
11	9670 08 1608	icArAit*ZJIr 1- M 8 x 16	Hexagon socket head bolt, M8 x16			4
13	5290 14 120	% /<	Jack base			4
16	5290 31 216	j'5	Bracket			1
17	9660 06 0014	t 1- M 6	Hexagon nut, M6			2
18	9672 06 5014	AA #01r 1- M 6 X50	Hexagon headed bolt, M6 X 50			2
19	5290 31 213	*4 —11r	Wheel			2
20	5290 31 214	}4	Bushing			2
21	9721 07 0008	E E— 7	E-Ring, E-7			2
22	5310 31 215	1-	Shaft			1
23	5290 31 217	j'5 1-	Bracket			1

7t-243 4 BED FRAME SECTION



BED SECTION

•< 1"
(BED SECTION)

* fill
(MAIN SECTON)

71(• -f g/3
(WATER AND INK SECTION)

g fa93
(ELECTRIC EQUIPMENT SECTION)

(COVER SECTION)

lift 4:14
(ACCESSORIES)

— 9 9 -14N
(CHAIN DELIVERY UNIT)

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