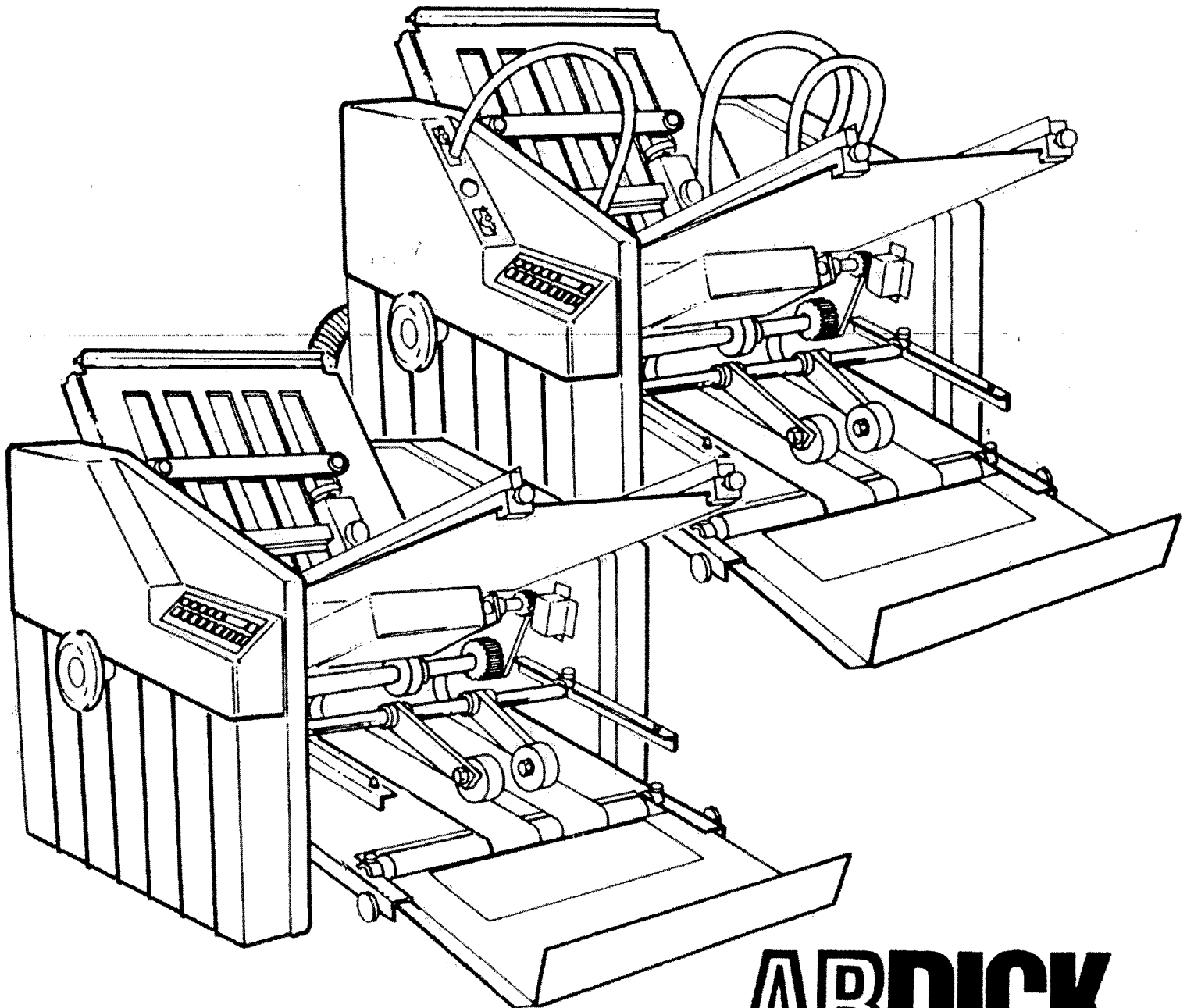


PARTS MANUAL

MODEL 77/87

FOLDERS



ABDICK®

WARNING:

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WARNING:

THIS EQUIPMENT MUST BE CONNECTED TO A PROPERLY GROUNDED THREE (3) WIRE OUTLET. FAILURE TO DO SO CREATES A POTENTIAL DANGER OF ELECTRICAL SHOCK.

WARNING:

THIS EQUIPMENT GENERATES, USES AND CAN RADIATE RADIO FREQUENCY ENERGY AND, IF NOT INSTALLED AND USED IN ACCORDANCE WITH THE OPERATOR'S MANUAL, MAY CAUSE INTERFERENCE TO RADIO COMMUNICATIONS. IT HAS BEEN TESTED AND FOUND TO COMPLY WITH THE LIMITS FOR A CLASS "A" COMPUTING DEVICE PURSUANT TO SUBPART 15 OF PART 15 OF FCC RULES WHICH ARE DESIGNED TO PROVIDE REASONABLE PROTECTION AGAINST SUCH INTERFERENCE WHEN OPERATED IN A COMMERCIAL ENVIRONMENT. OPERATION OF THIS EQUIPMENT IN A RESIDENTIAL AREA IS UNLIKELY TO CAUSE INTERFERENCE IN WHICH CASE THE USER, AT HIS/HER OWN EXPENSE, WILL BE REQUIRED TO TAKE WHATEVER MEASURES THAT MAY BE REQUIRED TO CORRECT THE INTERFERENCE.

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18	VA001j it AtO UttfVE & VAMM.MAVIFOLO	

TOWEL PINS FOR MOUNTING PERE & SCORE ASSEMBLY
AND FEED TABLE ASSEMBLY

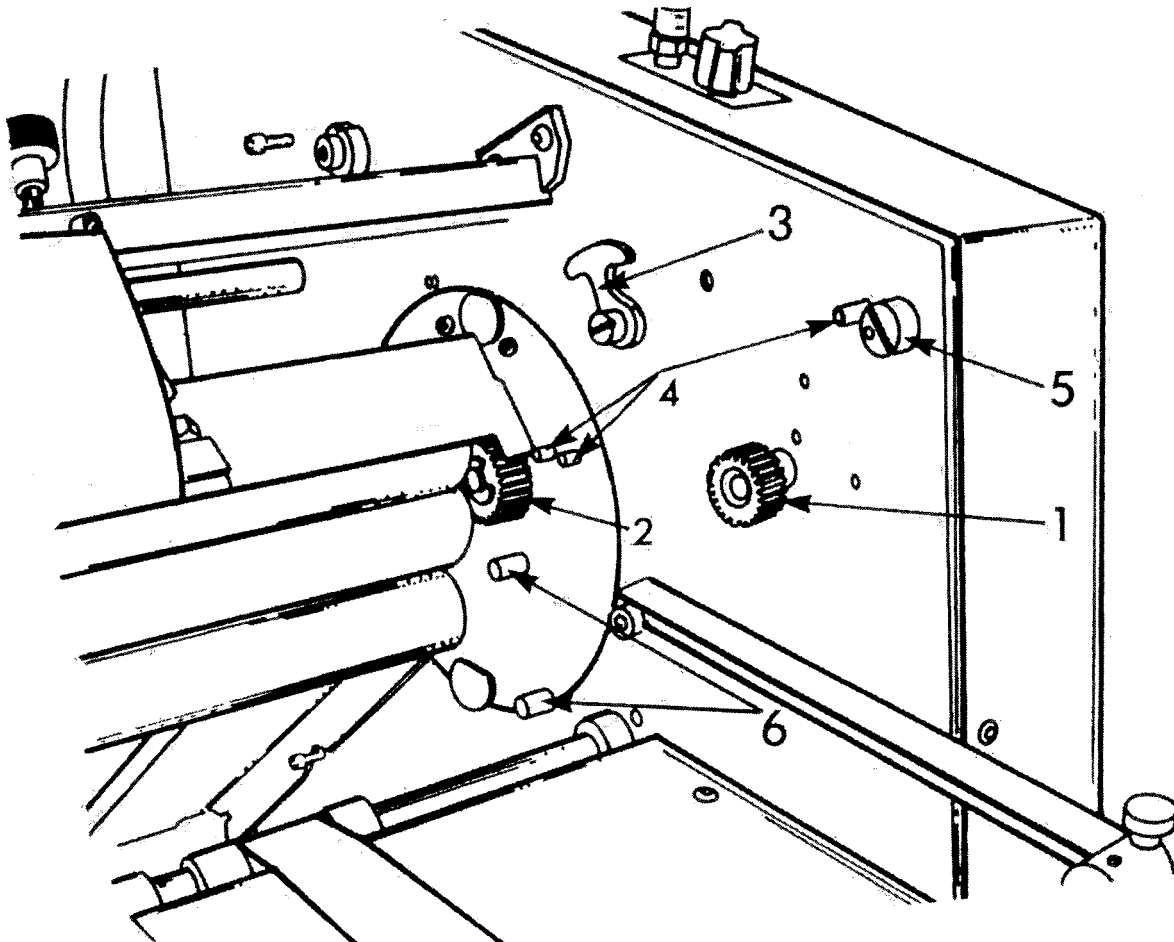


Figure 1

ITEM	PART N.	DESCRIPTION
2	13063	Gear (Feed Table Drive)
	109666	Gear
	13075	Feed Table Lock
	N.A.	Dowel Pins to Locate & Support Feed Table
	M10094	Shoulder Pin to Support Feed. Table
6	N.A.	Dowel Pins to Support Perf & Score Assembly

BASIC POLDER ASSEMBLY WITH FOLD PLATES: IN PLACE

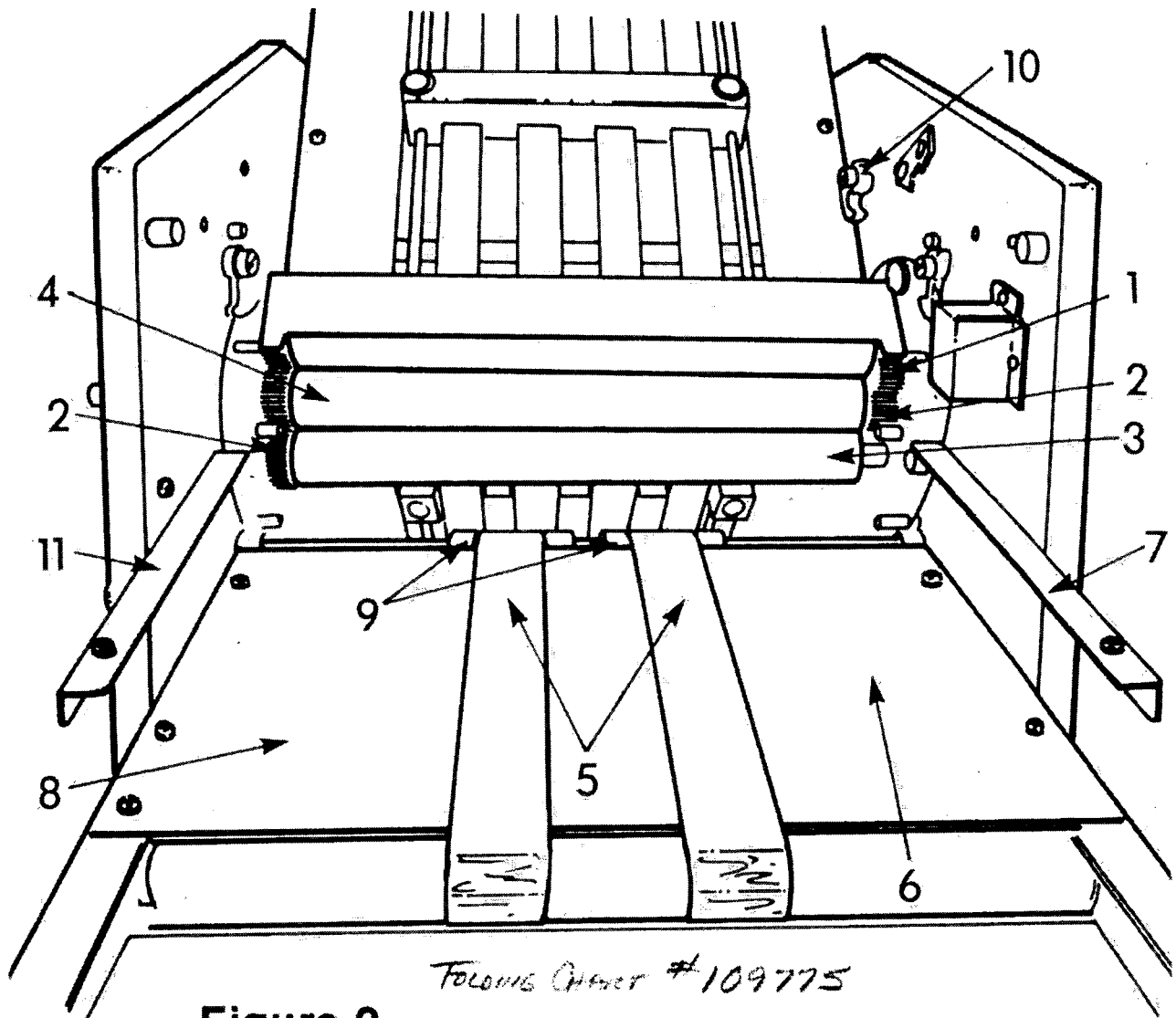


Figure 2

	PART NO.	DESCRIPTION
	109666	Gear
	109667	Roller Gear
3:	138124	Idler Fold Roller
4	138122	Main Fold Roller
5	109678	Stacker Belts
	138119	Stacker Belt Roll
	M10019	Stacker Wheel: Rail R.H.
	M10016	Stacker Table
9	134018	Belt Guide:
10	114075	Upper Plate Plate Lock
11	M10020	Stacker 'Wheel Rail - L.H.

PERFORATOR & SCORE: R. PULI,70UT ASSEMBLY & ACCESSORIES

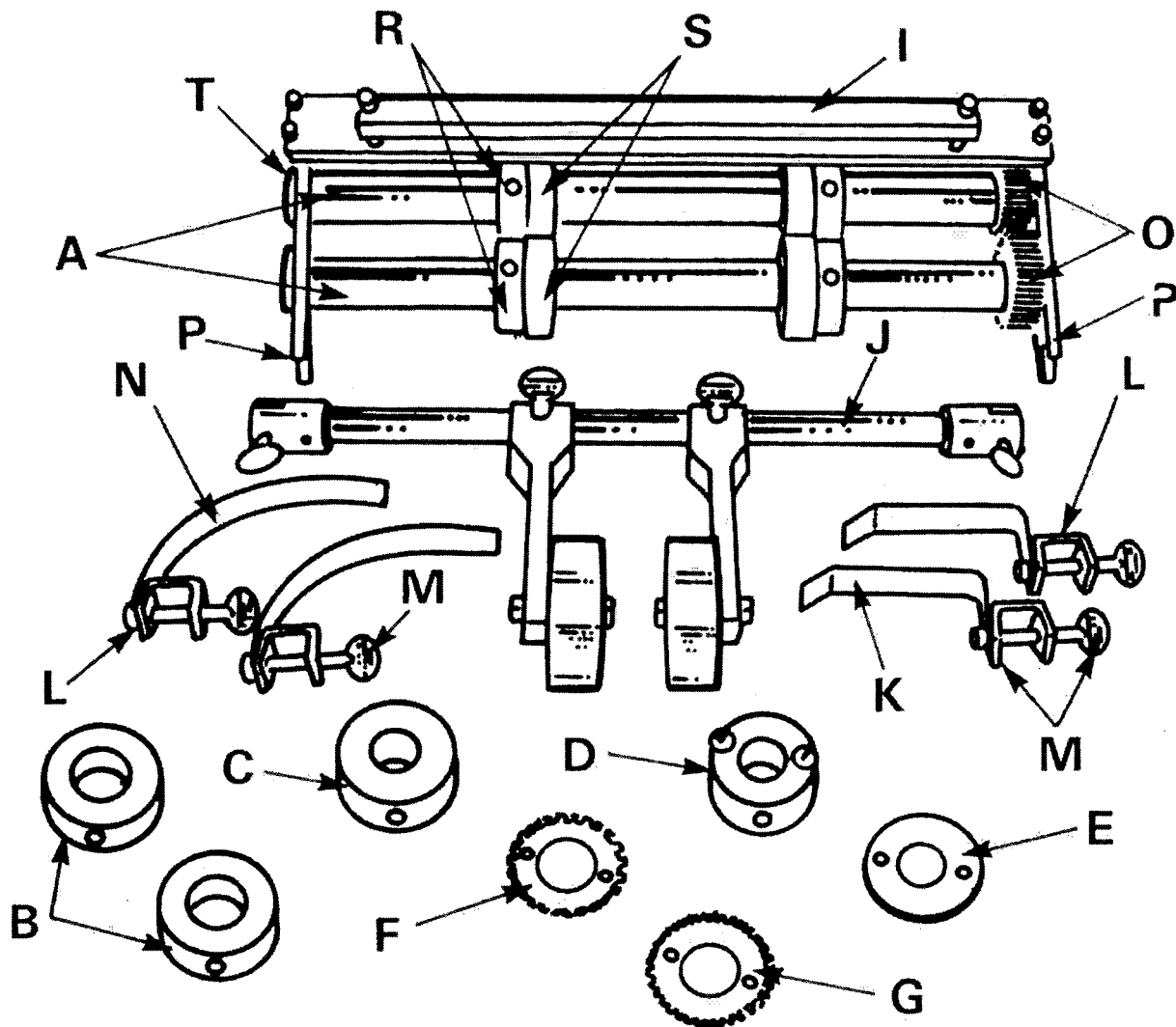


Figure 3

ITEM	FART NO	DESCRIPTION
A	138129	Perf & Score Shaft
	4519	Scoring Collar
	4521	Perforator Wheel
	4520	Blade Holder
	4510	Scoring Blade
	4513	Perforator 31 1/4 in th
	4514	Perforator 41 Notch
	4517	Perforator — 51 Notch
	138144	Deflectors Mounting Bar
	138142	Stacker Bar
	138148	Perforator Stripper
	138258	Stripper Spring Assembly
	138249	Stacker Spring Assembly



ITEM	PART NO.	DCSCRIPTION
*L	4518	Do-Clamp
*M	914204	Thumb Screw
*N	138147	Paper Deflector Perf.
O	109679	Perf & Score Gear
P	109707	Right Bearing Block Assembly
	109708	Left Bearing Block Assembly
	4515	Slitter Blade Right (Not Shown)
	4516	Slitter Blade Left (Not Shown)
R	3343	Pullout Sleeve
S	3342	Pullout Tire
T	109704	Oilight Bushing For Bearing

PERF & SCORE ASS'Y AND STACKER WHEEL ASS'Y IN POSITION

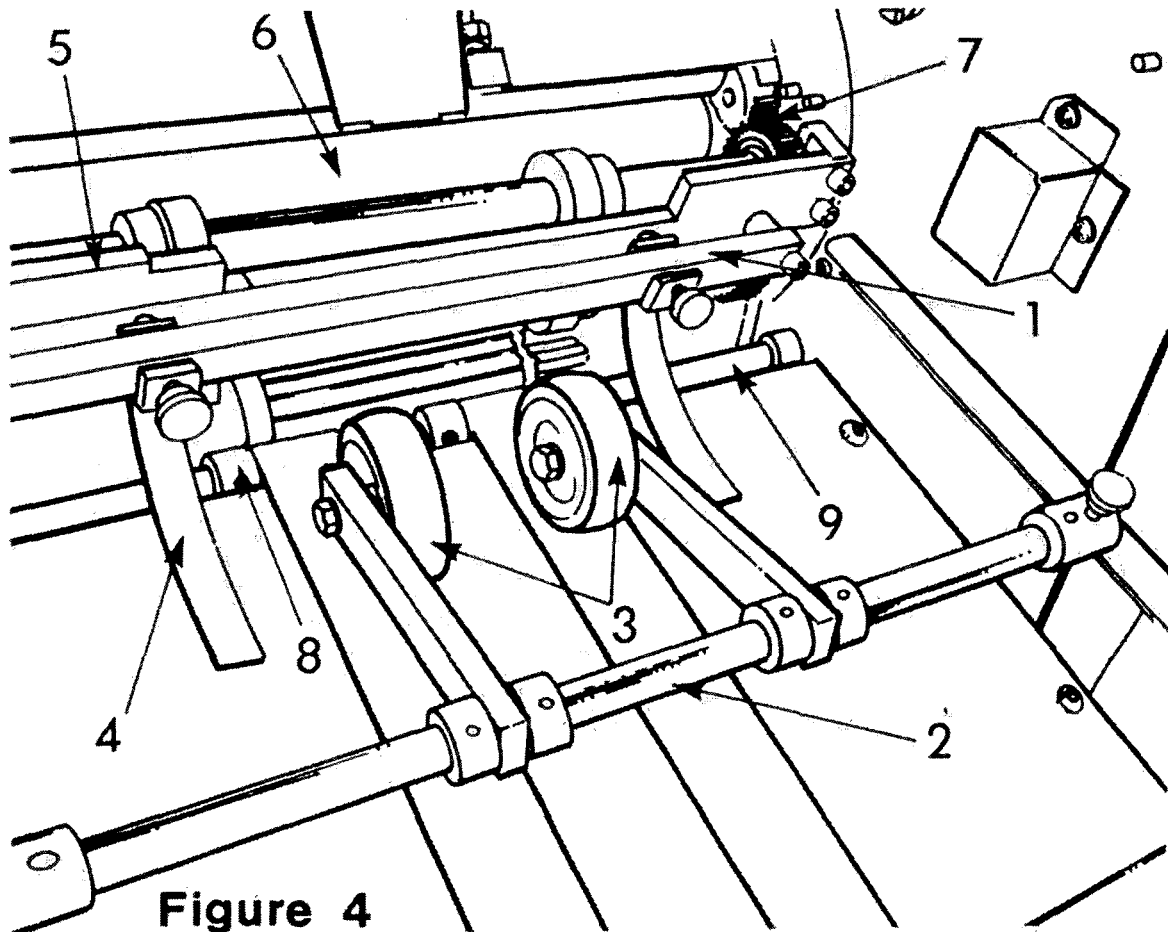


Figure 4

	PART	DESCRIPTION
1	138144	Stacker Minting Bar
	138142	14" Stacker Wheel Shaft
	134049	Stacker Wheels
	138147	Paper Deflector
	138109	Perf & Score Ass'y Cross Bar
	3344	Pullout Wheel Assembly
7	109679	Gear - Perf & Score assembly
	134018	Belt Guide
	M10035	Stacker Belts Drive Shaft

FOLDING PLATE ASSEMBLY

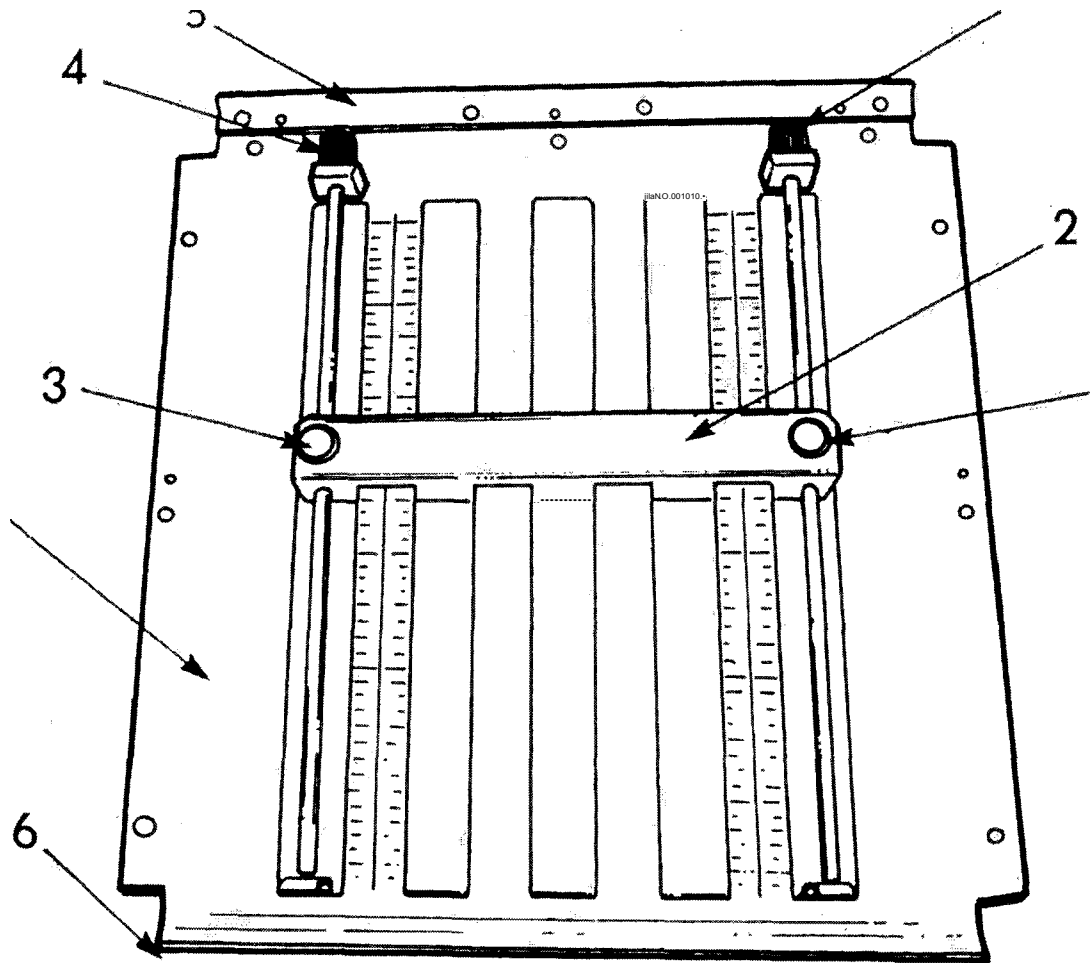


Figure 5

	PART D.	DESCRIPTION
1	M10069	Fold -Plate Assay (upper)
	M10070	Fold Plate Assay (Lower)
	M10071	Paper Fold Stop
	109660	Plunger
	109661	Knob Stop Adjustment
	138128	Deflector
	N.A.	

FRICION FEEDER PAPER SIDE GUIDES AND
STATIONARY ROLLER ASS'Y (CA] PER)

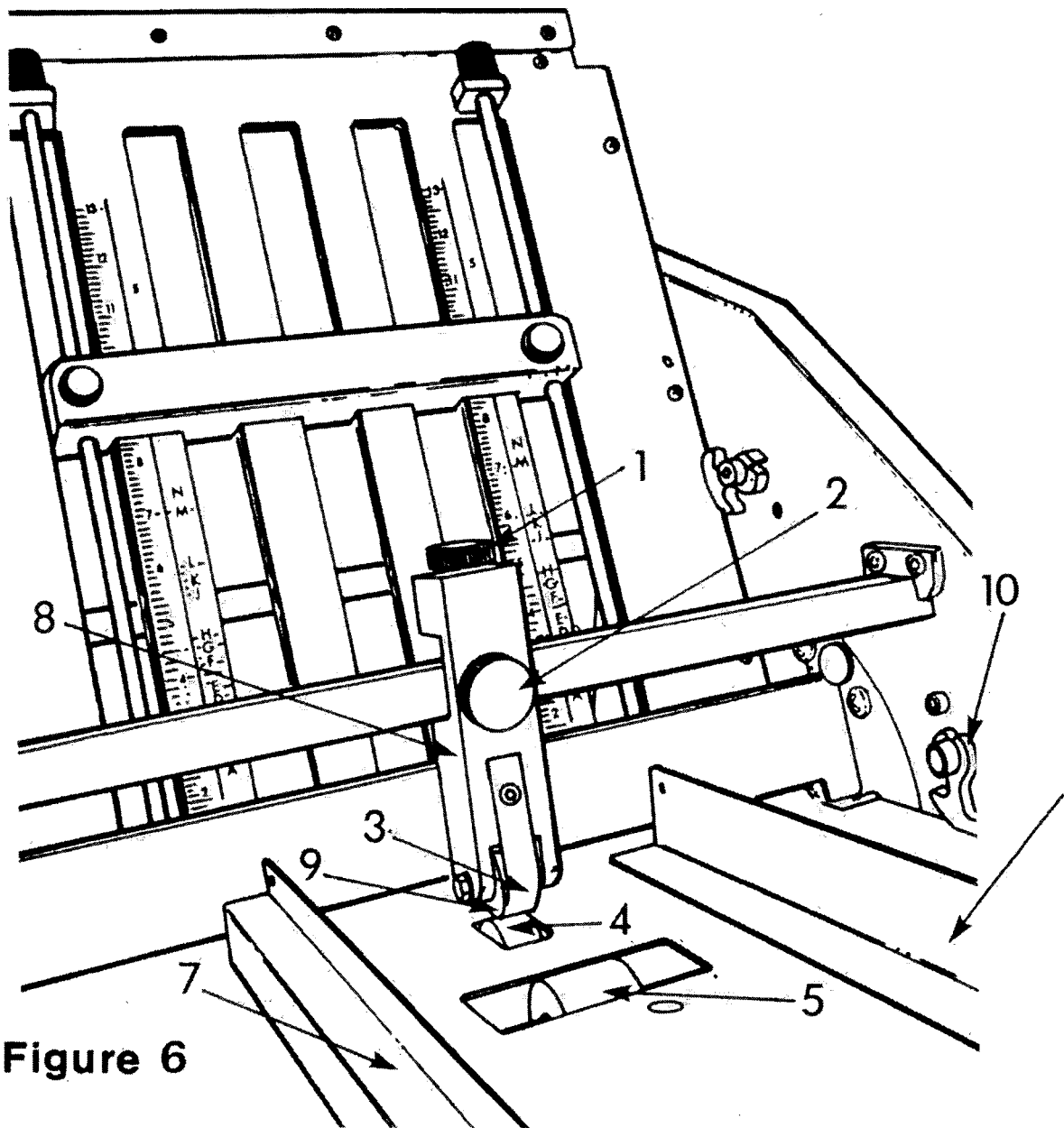


Figure 6

	PART	DESCRIPTION
	138392	Micrometer Adjustment Screw -Vertical
	6339	Locking Screw
	188052	Retard Spring
	138010	Feed Wheel
	MI0048	Drive Wheel Assembly
	MI0024	Feed Guide Sub Assembly R.P.
7	M10025	Feed Guide Sub Assembly L.H.
8	138270	Stationary Roller Body
9	109624	Stationary Roller Assembly.
10	139302	Feed Table Lock

STATIONARY ROLLER ASSEMBLY

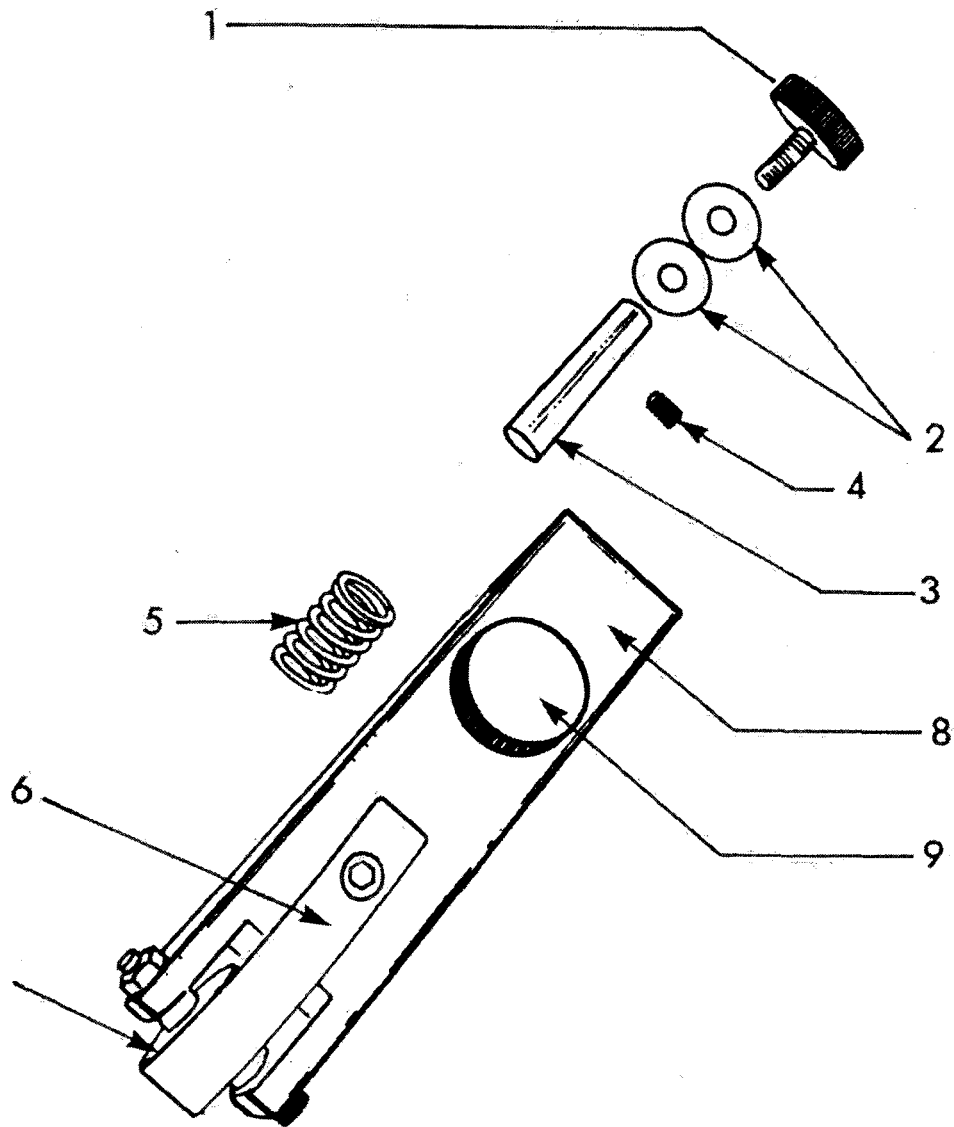


Figure 7

	p	No.	.DESCRIPTION
		139392	pp 4 Down Adjusting Screw
		925210	Washers
		139343	Pin - Guide
4			10-24 x 3/8 Long Set Screw
5		139344	Spring
6		138052	Retard Spring
7		109624	Stationary Roller ,Asseribly
8		138270	Stationary Roller Body
9		6339	Locking Screw

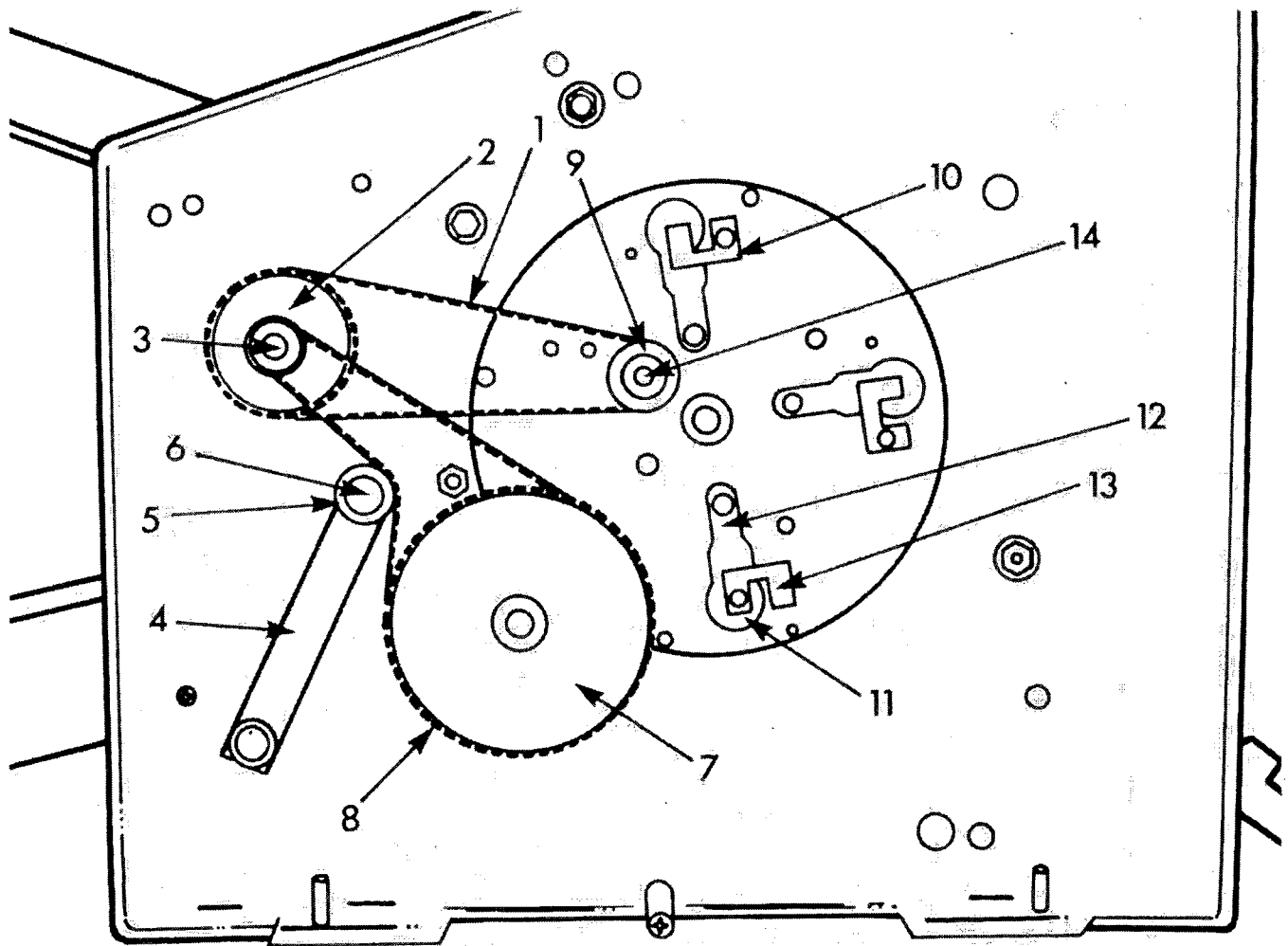


Figure 8

ii	PART NO.	DEscRiprial
	138045	180- XL Belt Feed Drive
	138051	Feed Wheel Pulley
	Mb 038	Feed Drive Shaft
	138048	Belt Tightener Aseemhly
5	1,38047	Belt Take-pp Wheel
	3021	Stud
	/09683	pulley 72 Tbcth
0	109676	420 XL Belt
9	138044	Idler Shaft Paley
10	109725	Retainer Lock
11	109664	-Spring Retainer
12	109661	WOcden Bearing Block
3	109620	Bearing Spring
14	109665	Idler Shaft

DRIVE SIDE

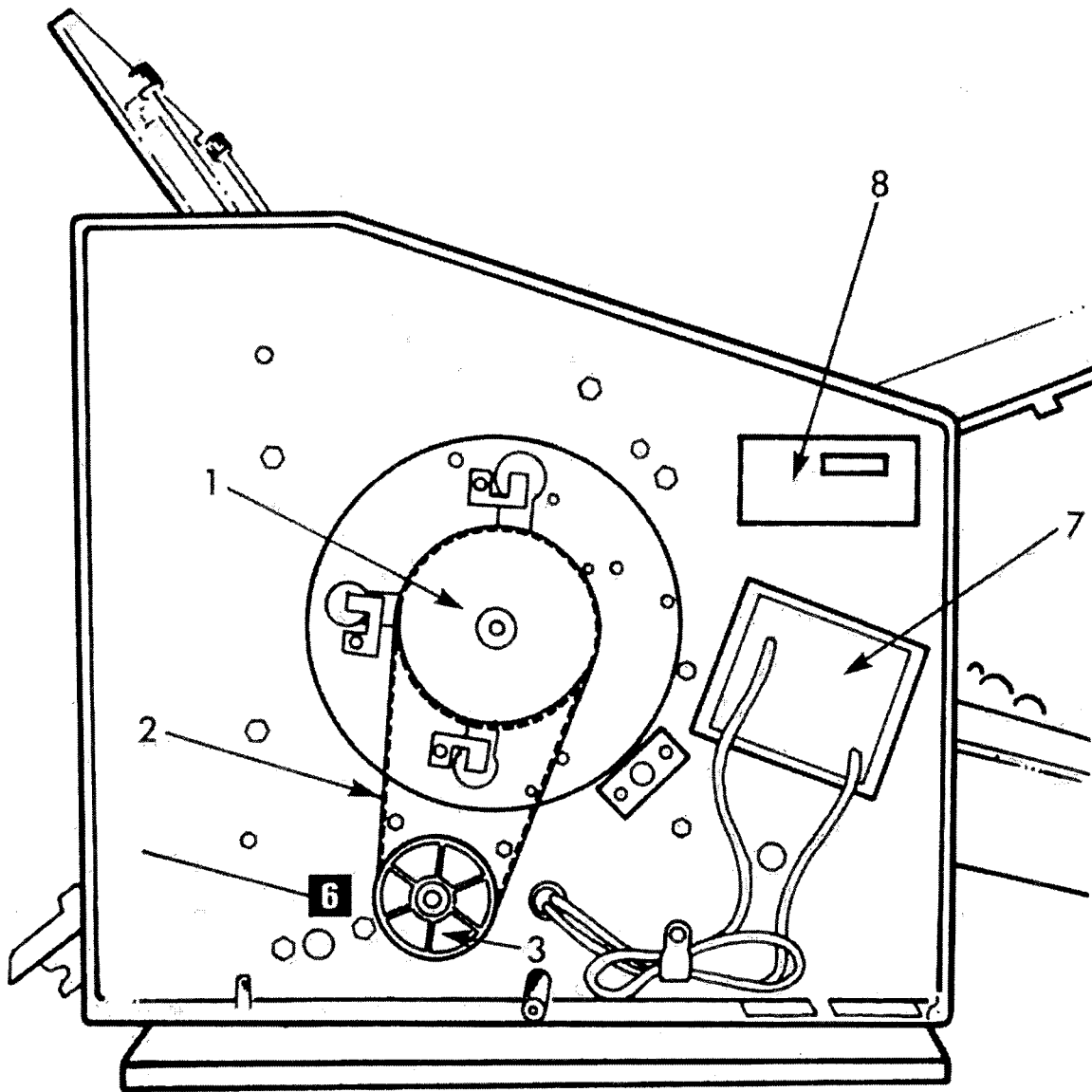


Figure 9

ITEM	PARE NO.	DESCRIPTIm
	109683	Pulley - 72. T00th
	120597	230 XL Belt
	138177	Pulley
4	105849	FUse Holder (Not Shown)
5	109800	Fuse (Not Shown)
6	MI0054	D.C. Motor
7	180003	D.C. Motor control Board
	180002	Counter & Keyboard Assembly
	180005	Optic Eye (Not Shown)

FEED TABLE ASSEMBLY

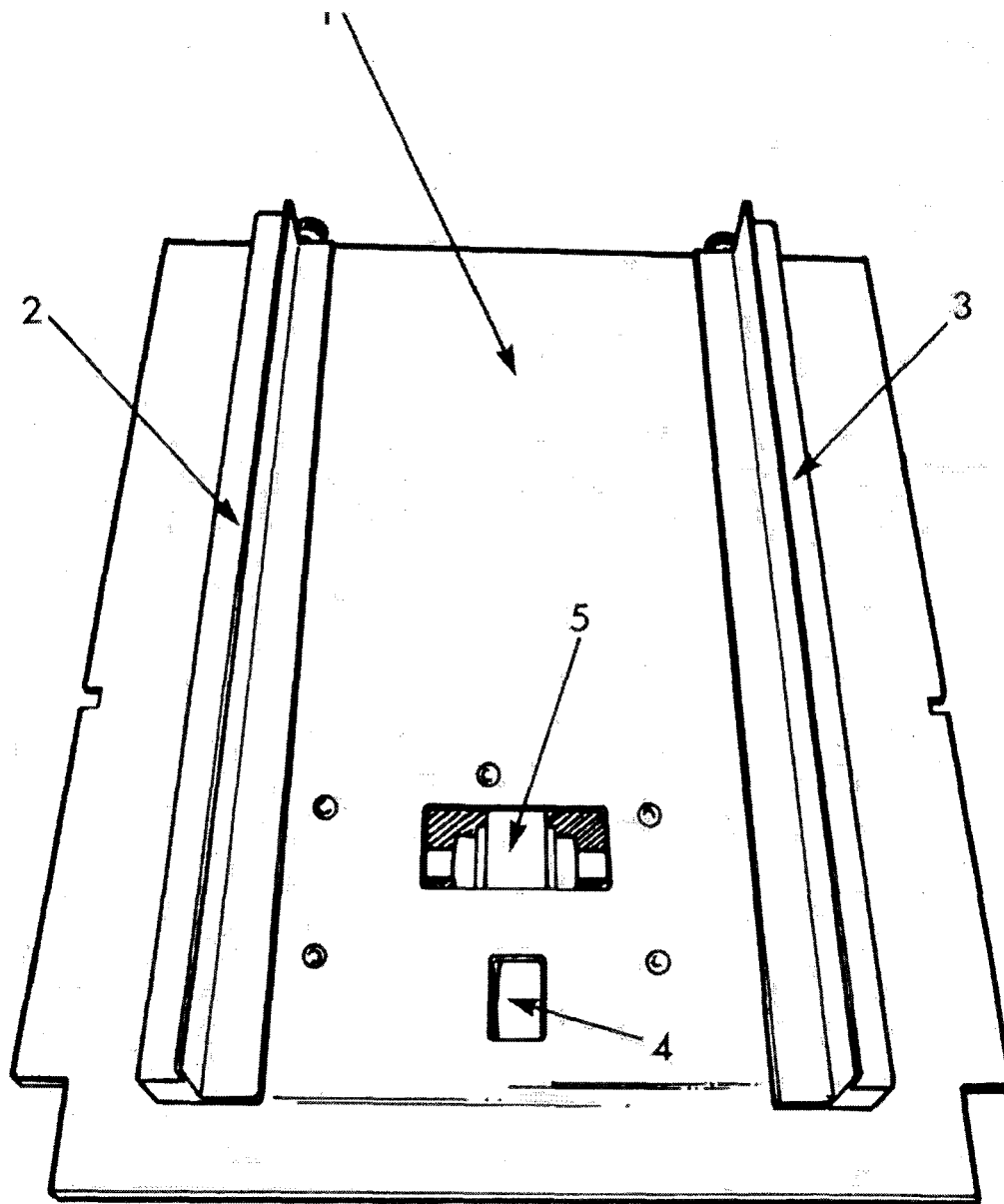


Figure 10

	PARINO.	DESCRIPTION
	MI001I	Feed Table.
	Mi0W4	Paper Guide Sub Assembly R.H.
3	M10025	Paper Guide Sub AssemblyL.H.
4	138010	Feed Wheel
	M10048	Drive Wheel AsSembly

BOTTOICFEgD ASSEMBLY

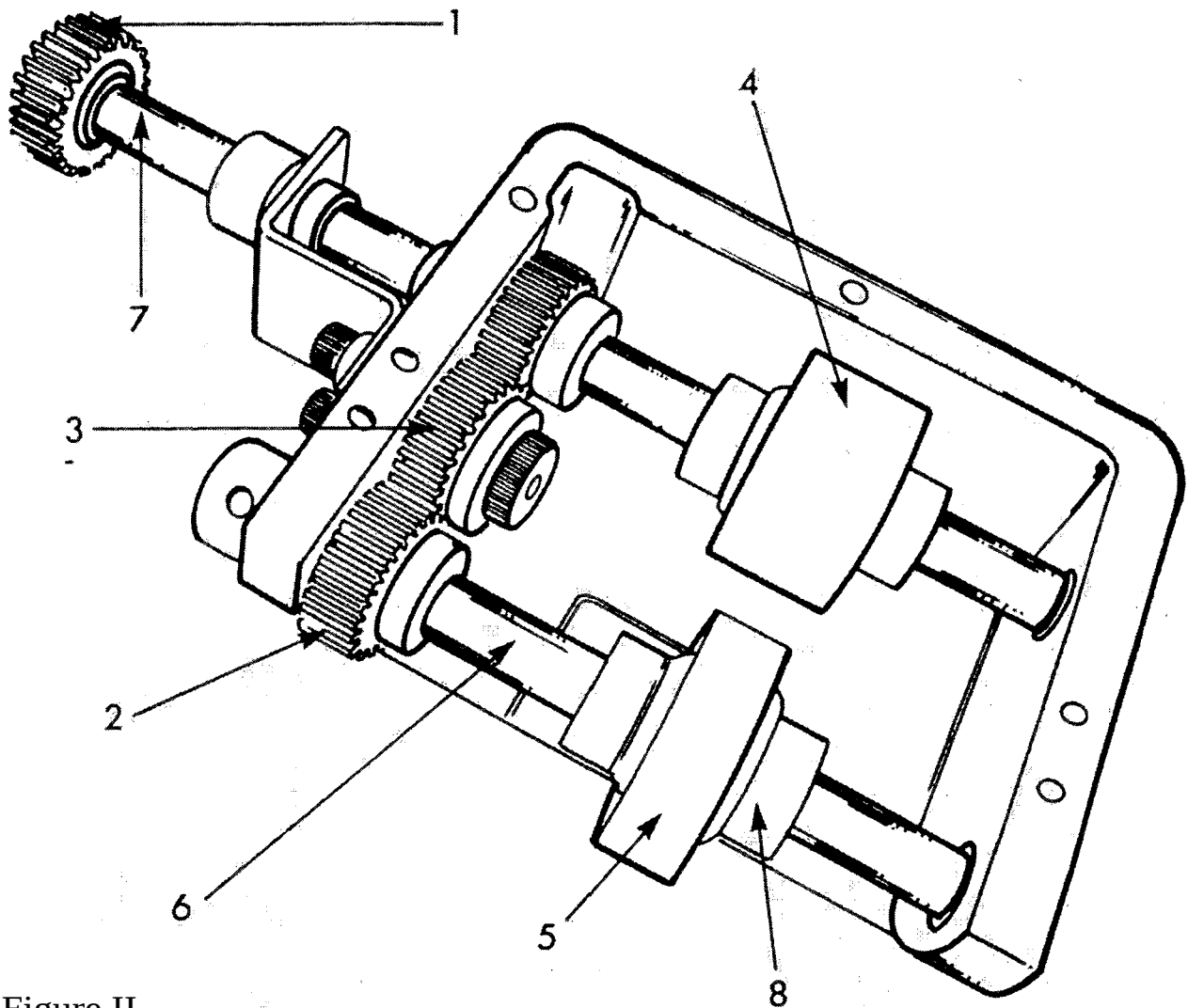


Figure II

	PARP NO	DESCRIFTICN
	109666	Idler Gear
	138013	Gear
3	134065	Gear
4	M10048	Drive Wheel ASSEMBly
	138010	Feed Wheel Assembly
	138014	Feed Wheel Shaft
	138391	Feed Drive Shaft
	109726	Collars

AIR & VACUUM CONTROLS, FRONT PAPER STOP ASSEMBLY
AND PULL-OUT ASSEMBLY

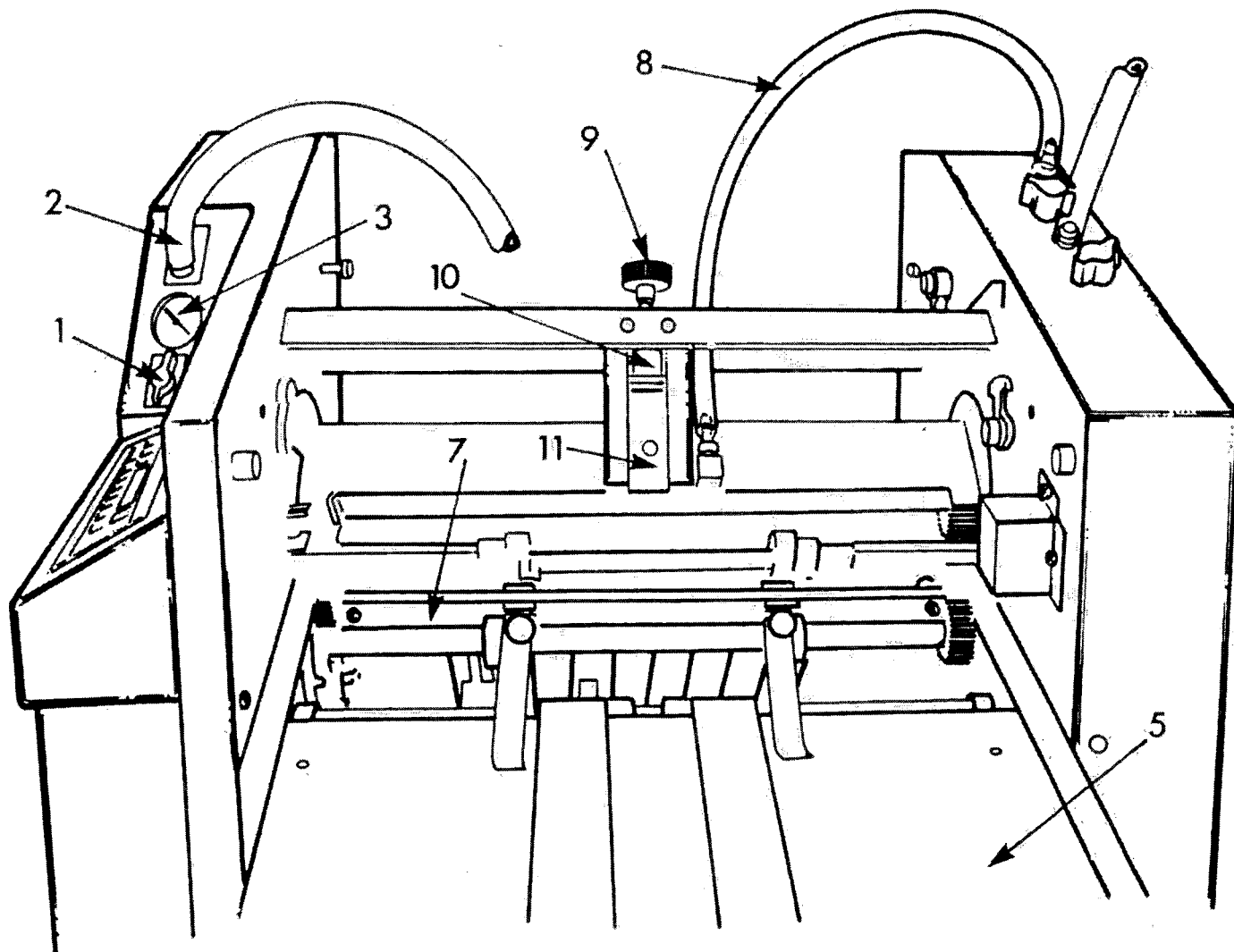


Figure 19

	PAW NO.	DESOUPPION
1	139375	Air Blast Valve
	139375.	Vacuum Control Valve
	1394 26	Vacuum Gauge
	139385	Paper Front Stop' Tie par
5	M10016	Stacker Table
6	139293	Vacuum Manifold Hookup
7	138353	Pull-out Assembly
8	139107	Front Air Blast Tubing
9	139419	Front Paper Stop Caliper Adj. Knob
10	1394111	Caliper Adjustment Rod
11:	139543	Front Paper Stop Caliper Plate

ATR/VAWUM PUMP ASSEMBLY (139531)

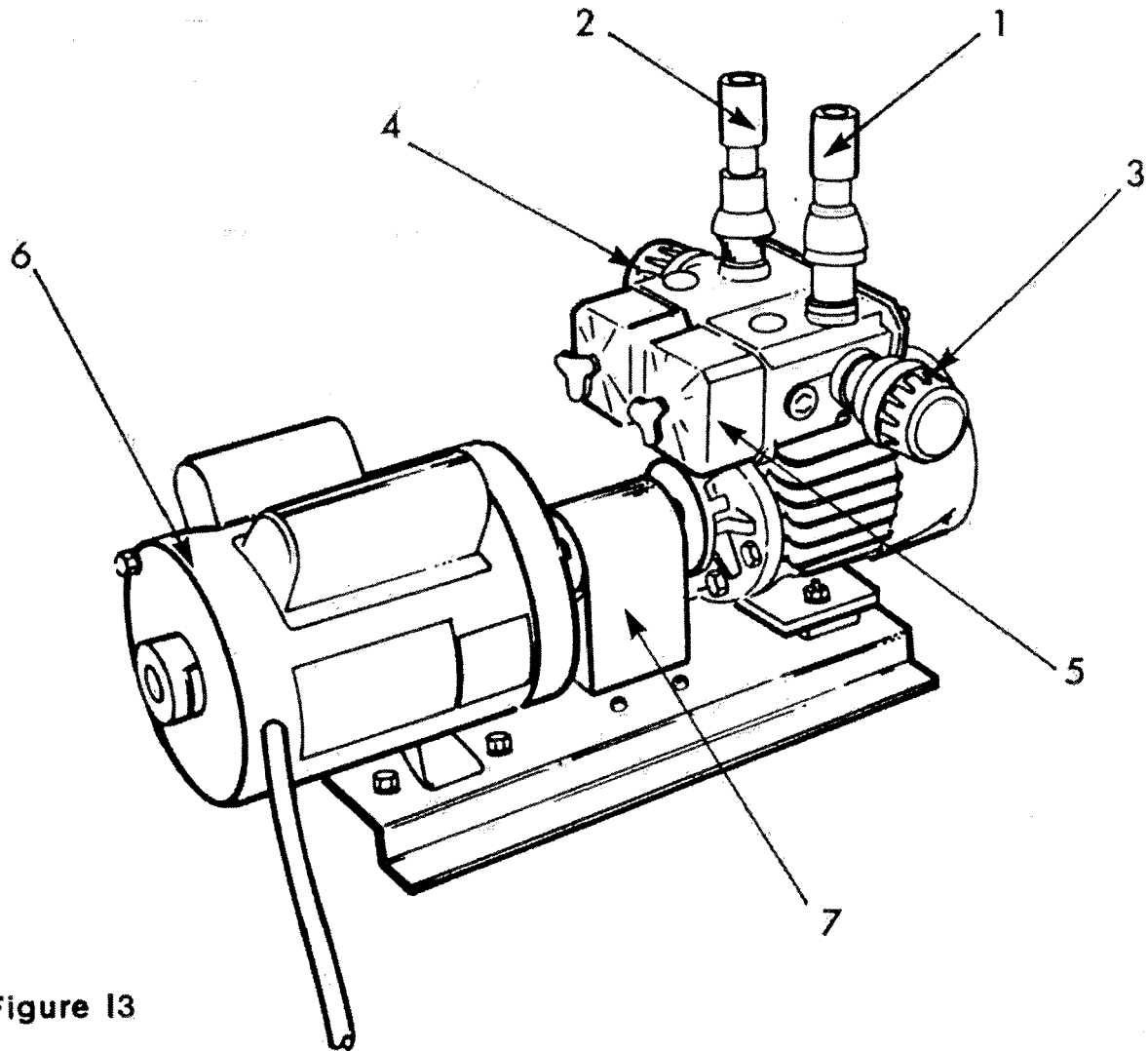


Figure 13

		DESCRIPTION		
1	139534	Vacuum Hose Connection		
2	139534	Air Pressure Hose Connection		
*3	139545	Vacuum Relief Valve		
*4	139546	Air Pressure Relief Valve		
5	139536	Vacuum Filter (Change Regularly)		
6	139535	Motor		
7	139537	Guard		
			SET AT FACTORY	DO ADJUST)
*4	139546	SET AT FACTORY		

FEED TABLE (VACUUM FEEDER) ASSEMBLY

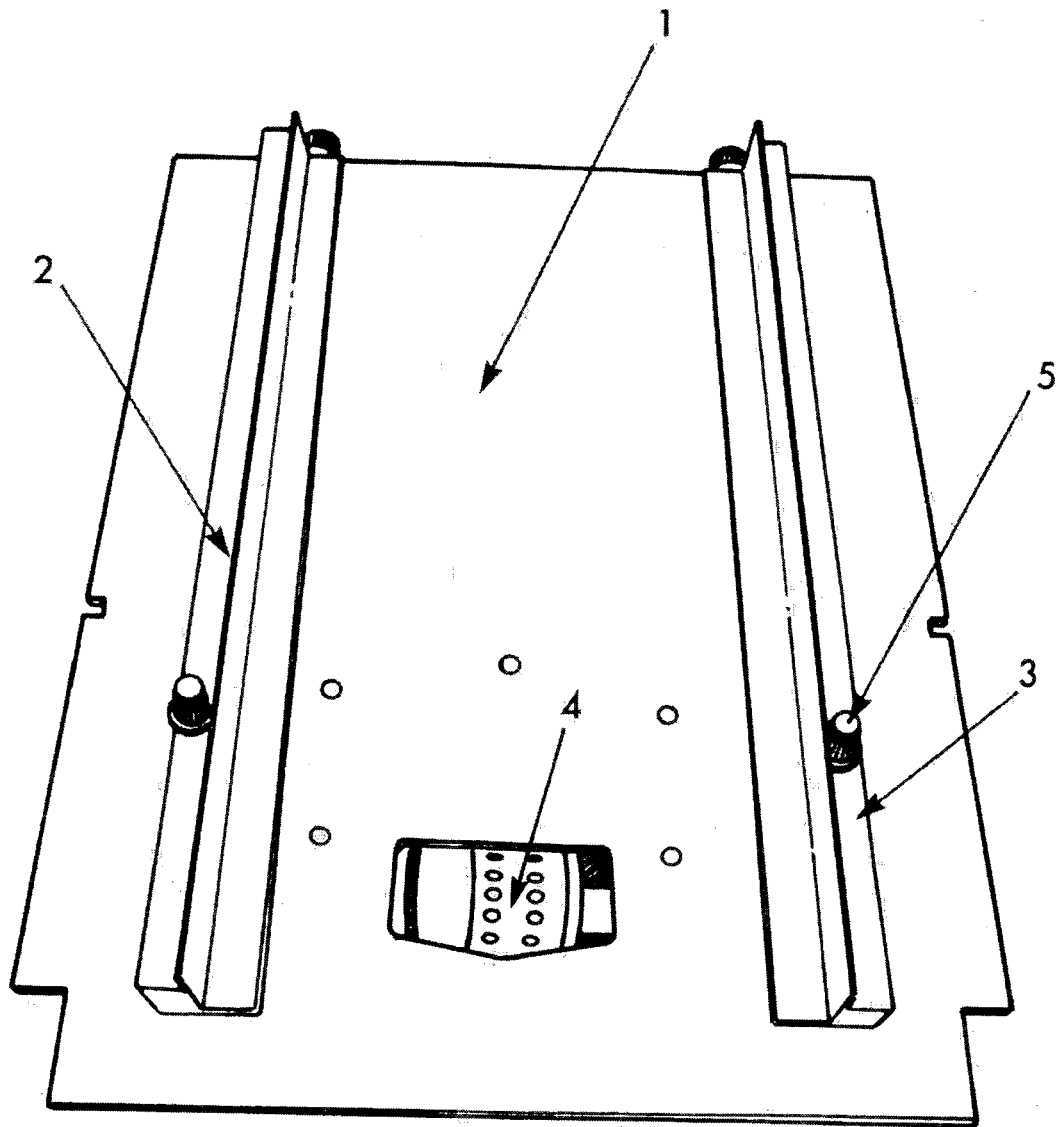


Figure 14

ITEM	PART NO.	DESCRIPTION
1	M10013	Feed Table
	M10027	A.H. Air Feed Guide 'Sub Assembly
	M10029	L.H. Air Feed Guide alb ASsembly
	139559	Vacuum Wheel Assembly
	139442	Cpupling Insett ,Straight

BOTTOM FEED DRIVE ASSEMBLY (139559):

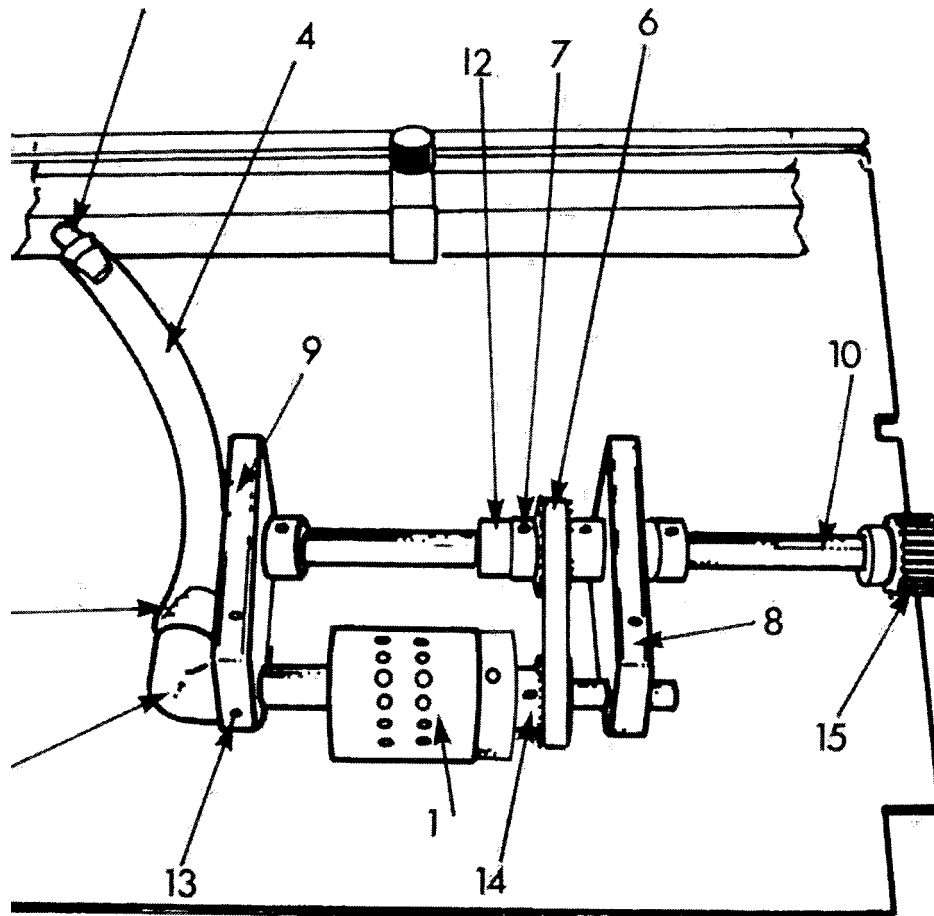


Figure 15

	PART NO.	DESCRIPTION
	139560	Vacuum Wheel Assembly
	139386	Elbow Combination
	139316	Bose Nipple
	139314	TUbing
	139308	Hose Barb
	139565	Timing Belt
	139562	Timing Pulley AsseMbly
8	139551	R.H. Side Plate Sub Assembly
9	139500	L.H. Side Plate Sub Assembly
10	138391	Feed Drive Shaft Assembly
11	138306	Bottom Feed Guard (Not Shown)
12	931703	Collar
13	900062	Set Screw 10-24 X 1/4
14	139566	Timing Pulley
15	109666	Gear

PAPER STOP CALIPER ASSEMBLY & SIDE GUIDE Am HOOKUP

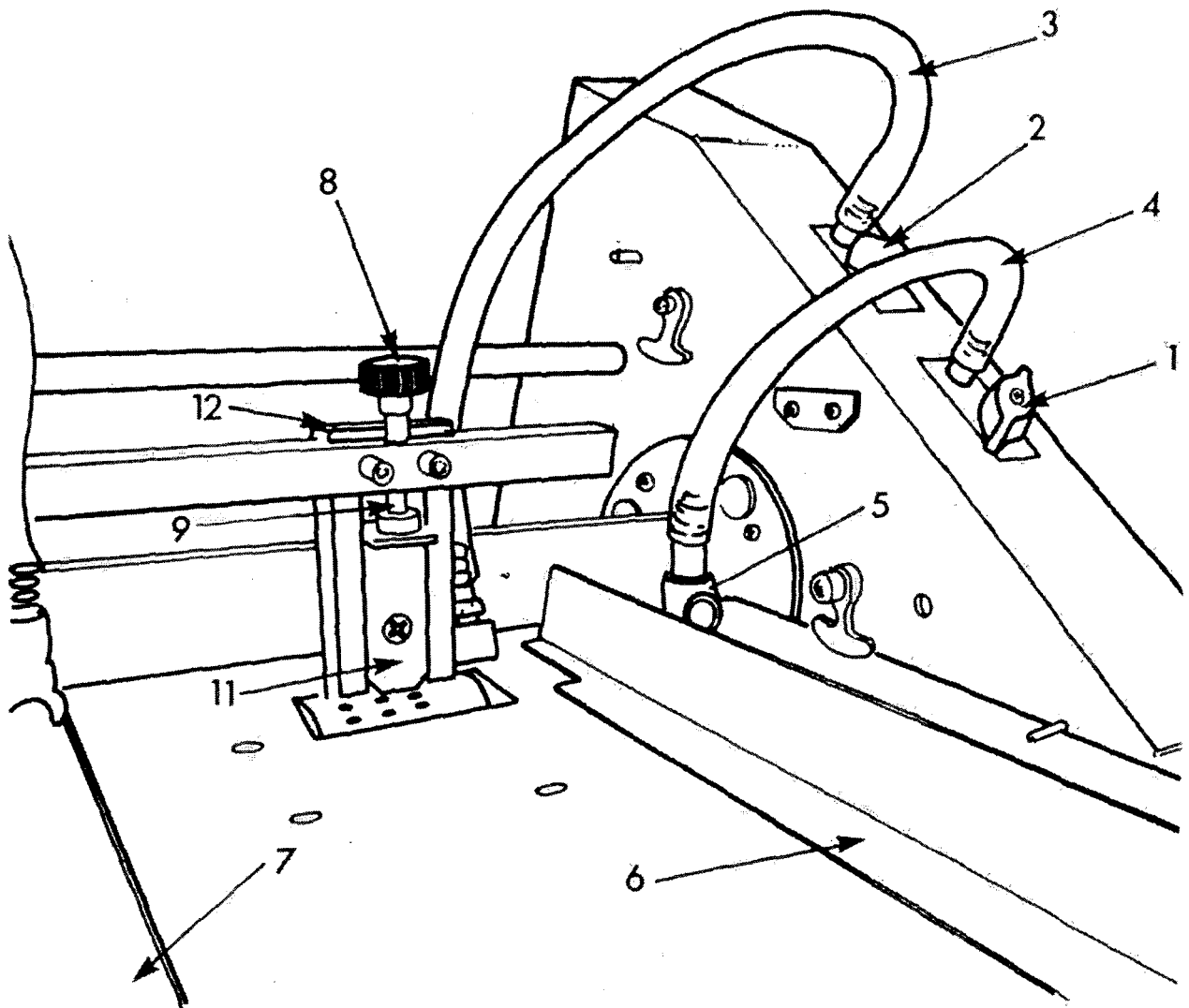


Figure 16

II	PARP NO.	DESCR.Inrcti
1	139375	Air Blast Valve - pido GUiDe
2	139375	Air Blast Valve - Front Paper Stop
3	139107	Front Air Blast Tubing
4	139107	Side Air Blast Tubing
5	139294	Quick Disconnect Fitting (Female)
6	M10027	R.H. Side Guide
7	M10029	L.H. Side Guide
8	139419	Front Paper Stop Caliper Adj. Rndb
9	139418	Caliper Adj. Rod
10	139543	Front Paper Stop Caliper Plate
11	139340	Front Paper Stop Body

VACUUM FEED DRIVE & AIR, MANIFOLD ASSEMBLY

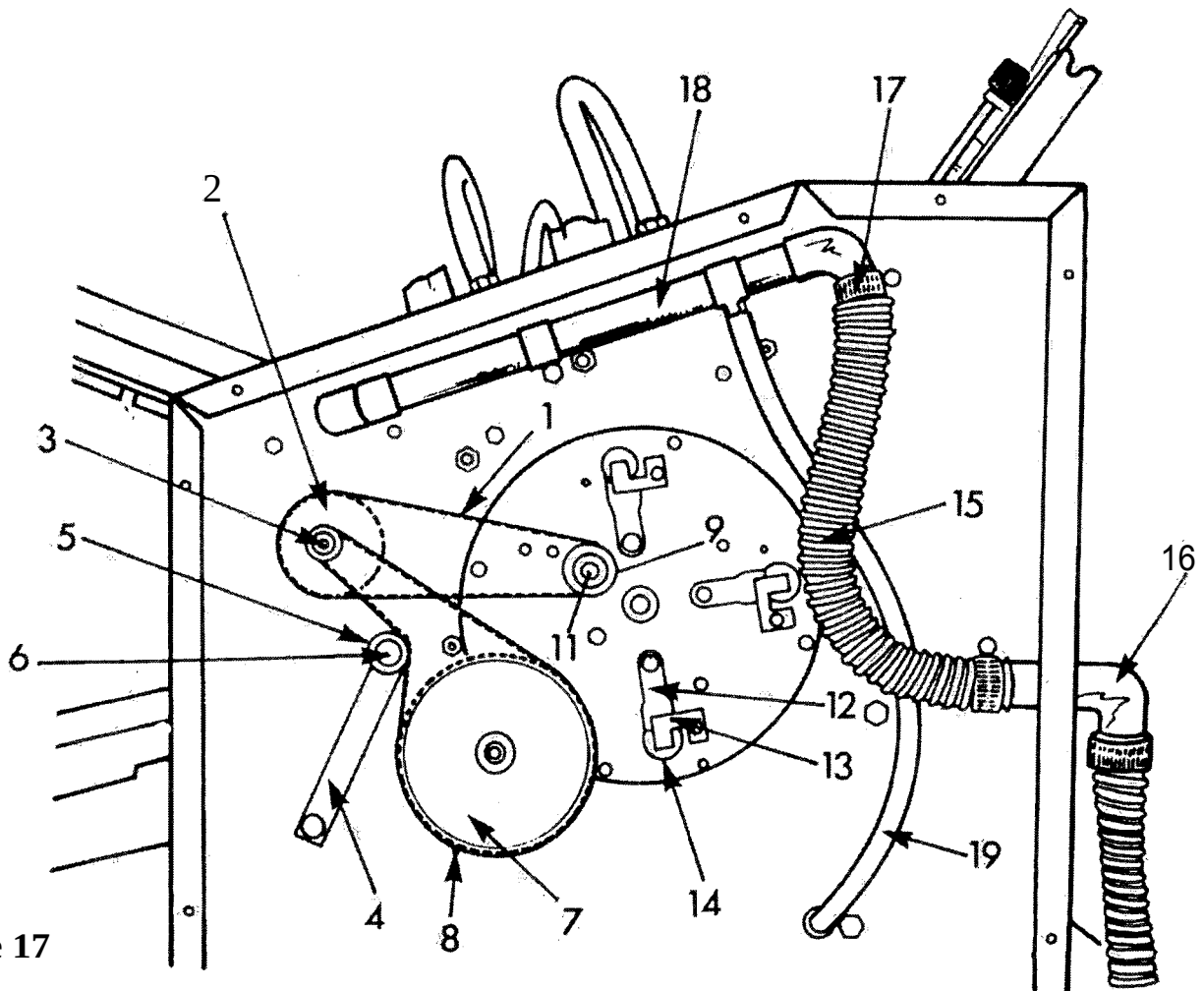


Figure 17

ITEM	PAM' NO.	DESCRIPTION
1	138045	180 XL Belt-Feed Drive
	138051	Feed Wheel ,Pulley
3	M10038	Drive Shaft
4	138048	Belt Tightener AsseMblY
5	138047	Belt Take-up Wheel
	3021	Stud
7	109683;	Pulley - 72 T0oth
8	109876	220 XL Belt
9	138044	Pulley
10	109725	Retainer Lock
	PART NO.	DESCRIPTION
11	109665	Idler Shaft
12	109663	wooden Bearing Block
13	109620	Bearing Spring.
14	109664	Spring Retainer
15	139431	Air Hose
16	139446	PVC R.A. Fitting
17	964002	Hose Clamp
18	M10040	Air Manifold AsseMblY
19	139107	Hose

VACUUM FEED DRIVE & VACUUM MANIFOLD ASSEMBLY

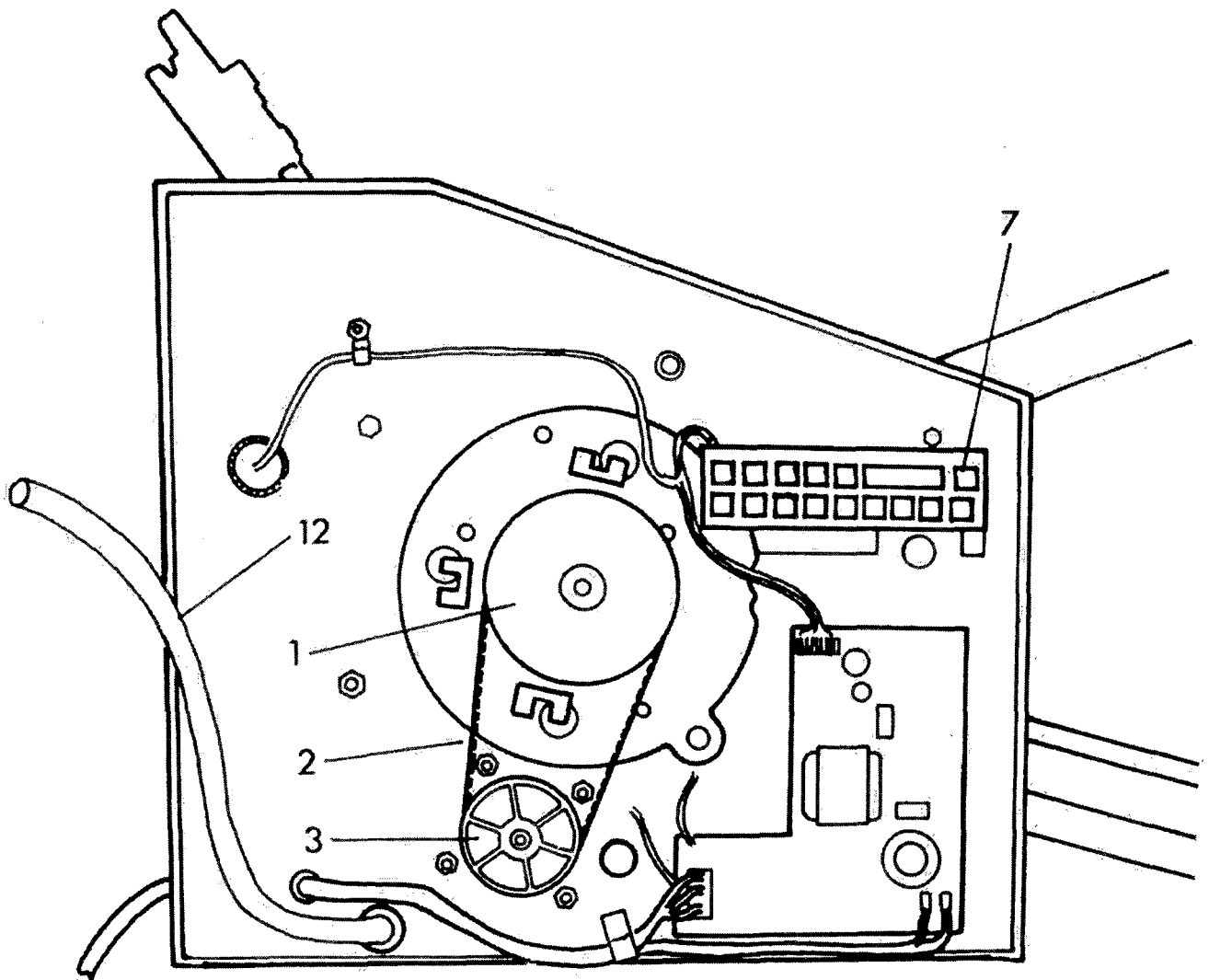
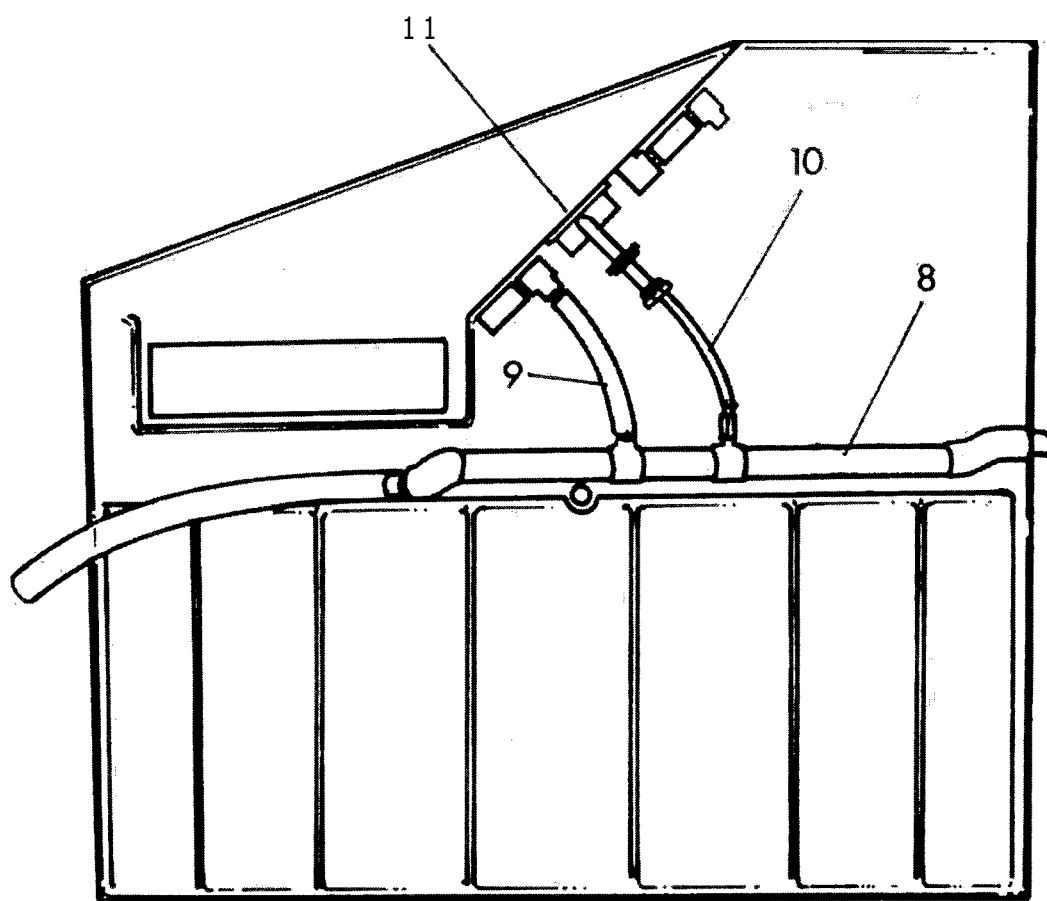


Figure 18

	PART NO.	DESCRIPTION
1	109683	Pulley - 72
	120597	230 XL Belt
3	138177	Pulley
4	109734	Fuse (Not Shown)
5	M10054	D.C. Motor (Not Shown)
		Variable Speed Control (Not Shown)
7	109607	Folder On-Off Switch
	180004	Vacuum Manifold Assembly
	139314	Vacuum Bleeder Hose
10	139427	Vacuum Gauge Tubing
11	139426	Vacuum Gauge
12	139107	Air Hose to-tL.H. Side Guide Valve
	1383(a'	1eAVE fkr70r2., BROsi4E5 (W.¹⁻ S¹⁴o^tql)
	doe	/ 'e' .



inside cover

OP. Side

Figure 18 cont.

AIR & VACUUM CONTROLS, FRONT PAPER STOP ASSEMBLY
AND PULL-OUT ASSEMBLY

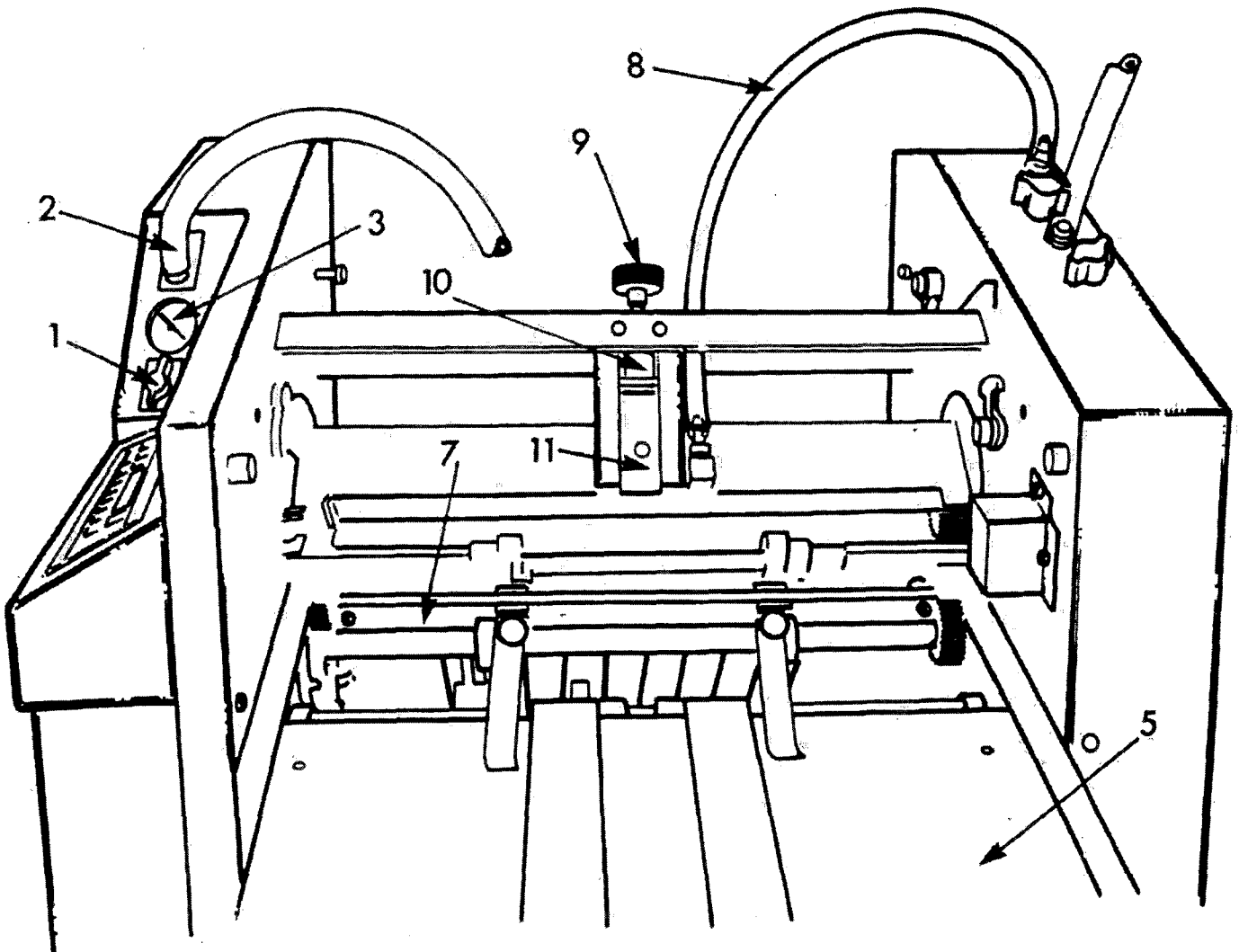


Figure 19

ITE24	PART ND.	IESCRIFfriai
1	139375	Air Blast Valve
	139375	Vacuum Control Valve
3	139426	Vacuum Gauge
4	139385	Paper Front Stop Tie Bar
5	M10016	Stacker Table
6	139293	Vacuum Manifold Hookup
7	138393	Pull-out Assembly
8	139107	Front Air Blast Tubing
9	139419	Front Paper Stop Caliper Adj. Knob
10	139418	Caliper Adjustment Rod
11	139543	Front Paper Stop Caliper Plate

AIR/VACUUM PUMP ASSEMBLY (139531)

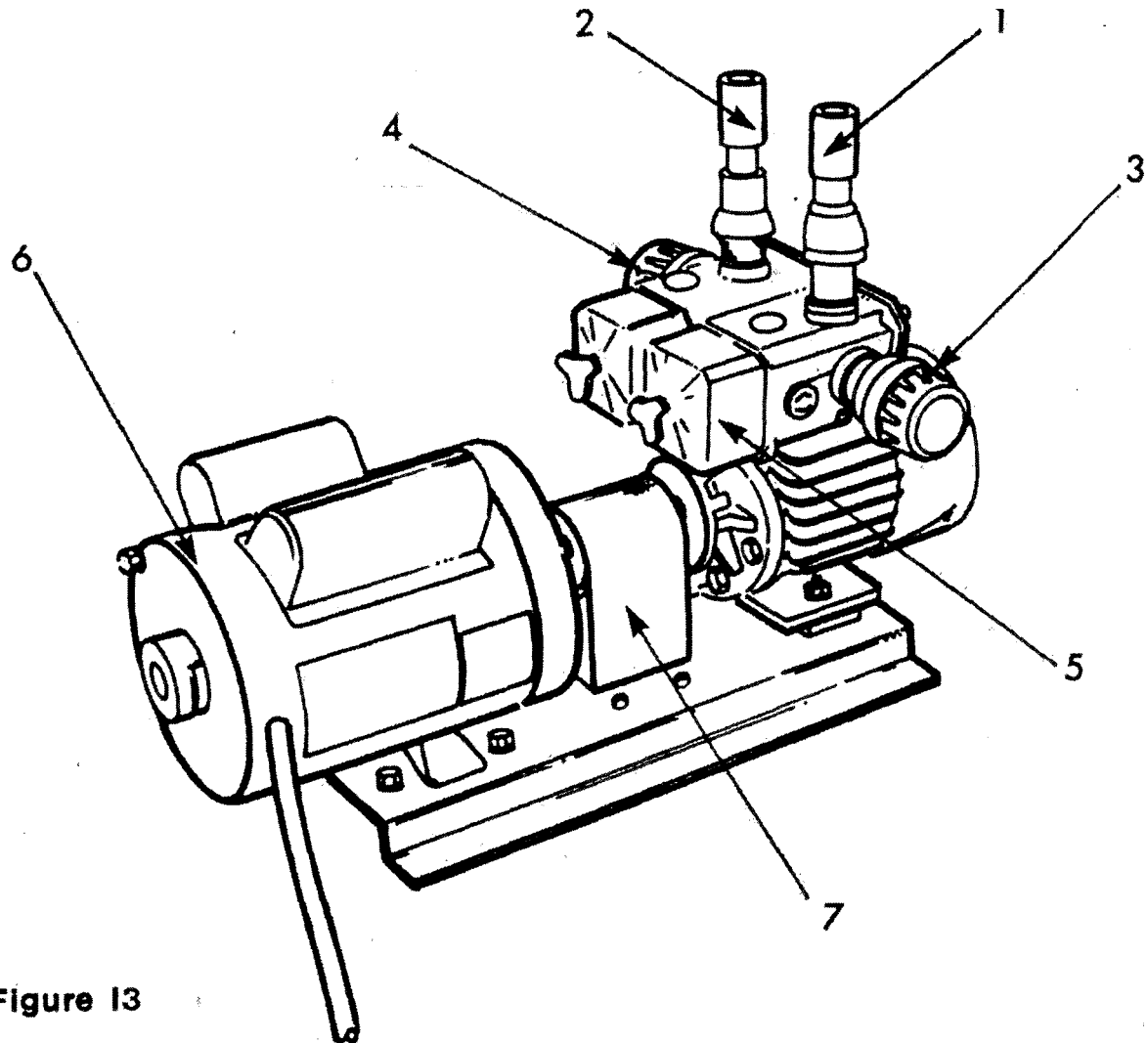


Figure 13

ITEM	PAM' D.	DESCRIPTION
1	139534	Vacuum Hose Connection
2	139534	Air Pressure Hose Connection
*3	139545	Vacuum Relief Valve
*4	139546	Air Pressure Relief Valve
5	139536	Vacuum Filter (Change Regularly)
6	139535	Motor
7	139537	Guard
*3	139545	SET AT FACTORY (DONT ADJUST)
*4	139546	SET AT FACTORY

FEED TABLE (VACUUM FEEDER) ASSEMBLY

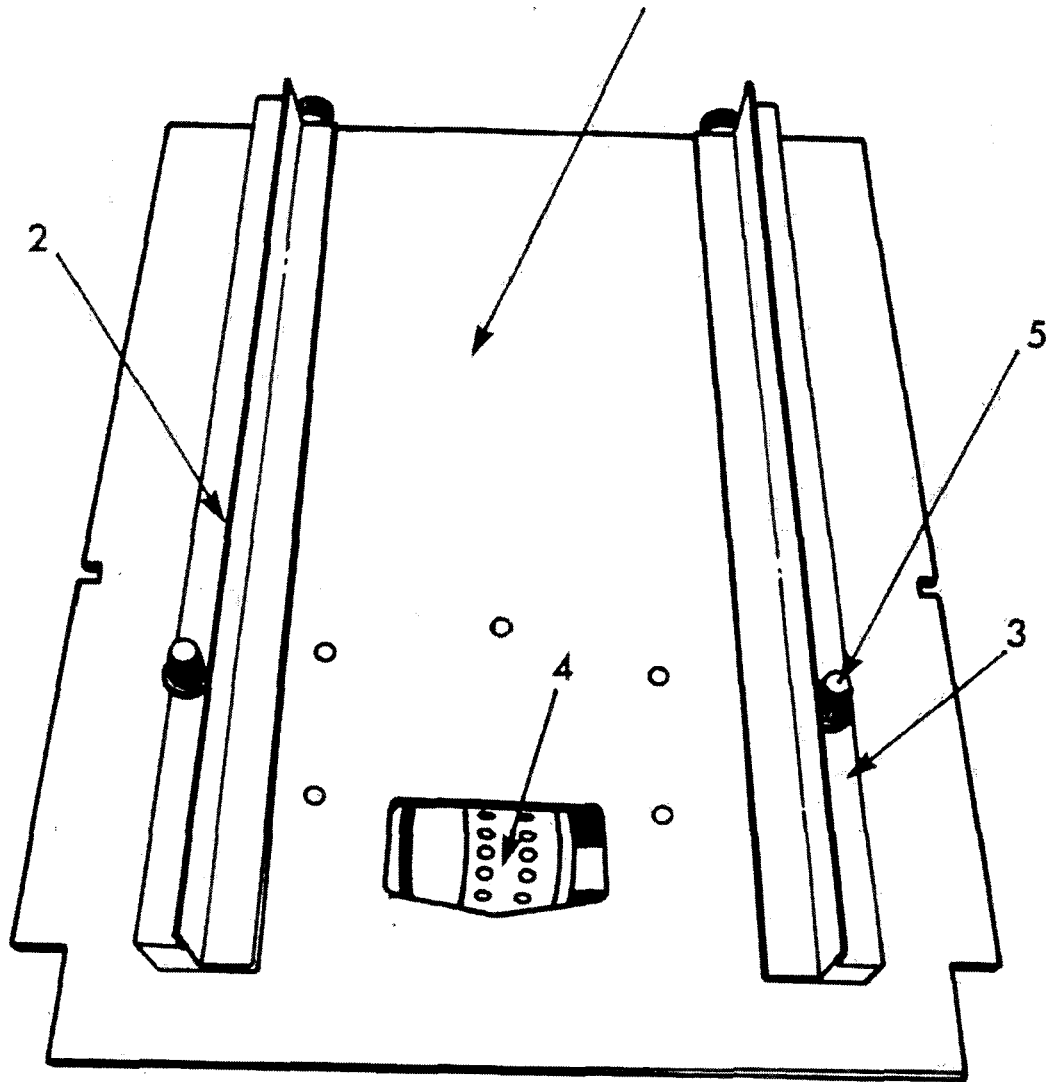


Figure 14

1"184

PAM' N3.

rescRipmcv

1

M10013

Feed Table

2

M10027

ft.H. Air Peed Guide Sub Assembly

3

M10029

L.H. Air Feed Guide Sub Asserrbly

4

139559

Vacuum Wheel As9aMbly

5

139442

Coupling insert - Straight

BOTTOM FEED DRIVE OSEMBLY (139559)

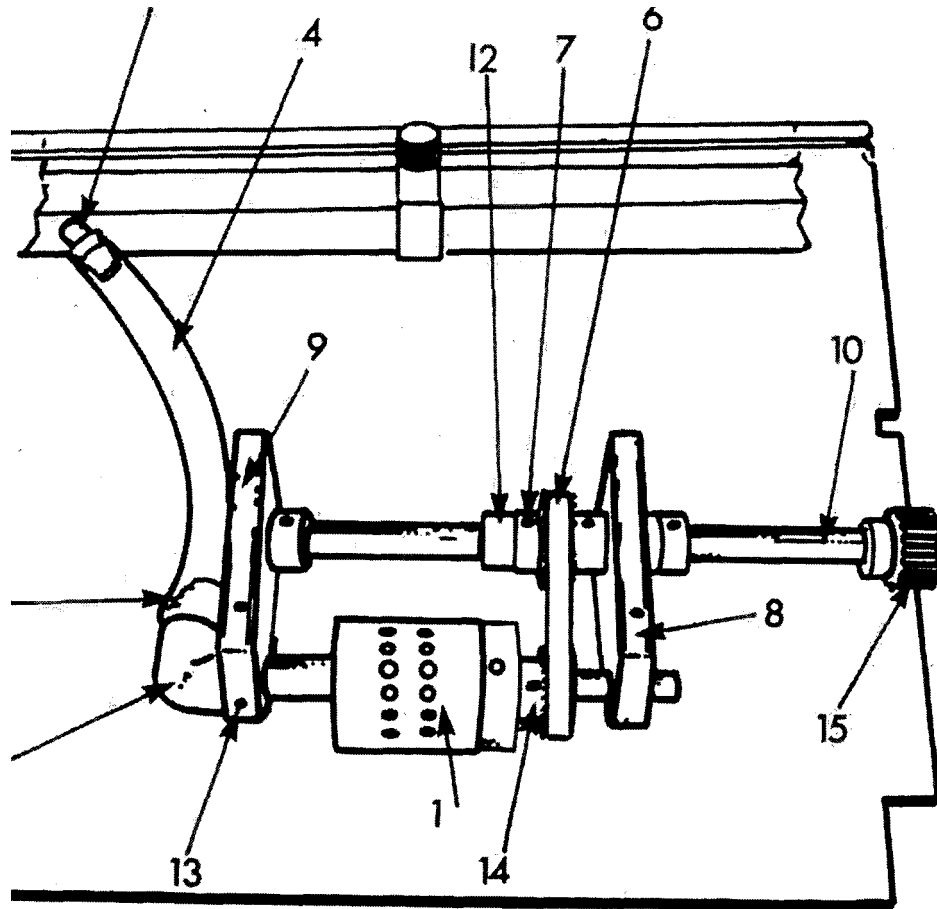


Figure 15

ITM	PART NO.	DESCRIPTION
1	139560	Vacuum Wheel Assembly
	139386	Elbow Combination
3	139316	Hose Nipple
4	139314	Tubing
5	139308	Hose Barb
6	139565	Timing Belt
7	139562	Timing Pulley Assembly
8	139551	R.H. Side Plate Sub Assembly
9	139500	L.H. Side Plate Sub Assembly
10	138391	Feed Drive Shaft Assembly
11	138306	Bottom Feed Guard (Not Shown)
12	931703	Collar
13	900062	Set Screw 10-24 X 1/4
14	139566	Timing Pulley
15	109666	Gear

PAPER STOP CALIPER ASSEMBLY & SIDE GUIDE AIR HOOKUP

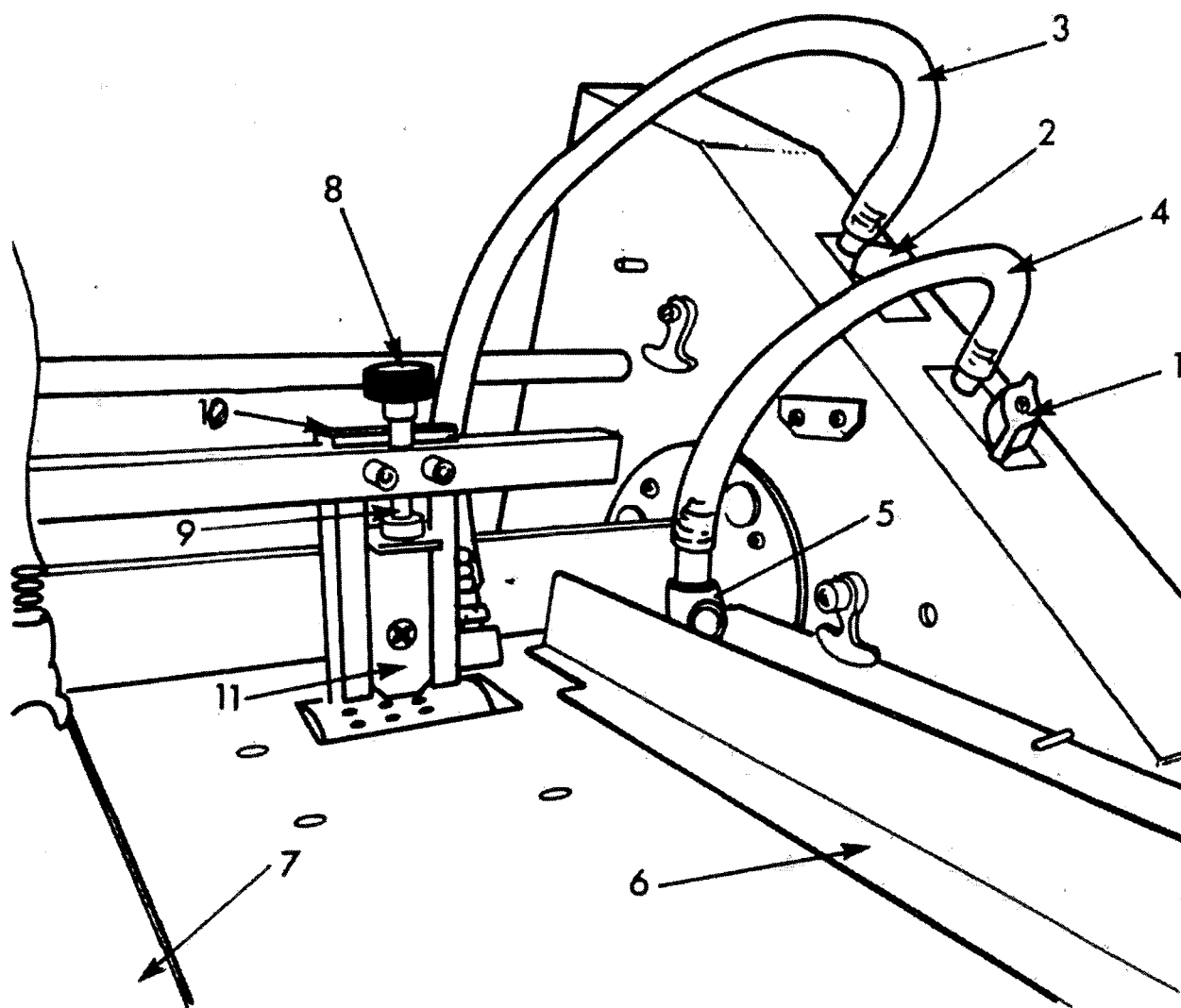


Figure 16

ITEM	PART tn.	DESCRIPTICV
1	139375	Air Blast Valve -Side GUiDe
2	139375	Air Blast Valve - Front Paper Stop
3	139107	Front Air Blast Tubing
4	139107	Side Air Blast Tubing
5	139294	Quid(Disconnect Fitting (Female)
6	M10027	R.H. Side Guide
7	M10029	L.H. Side Guide
8	139419	Front Paper Stop Caliper Adj. Knob
9	139418	raliper Adj. Rod
10	139543	Front Paper Stop Caliper Plate
11	139340	Front Paper Stop Body

VACUUM FEED DRIVE 6 AIR MANIFOLD ASSEMBLY

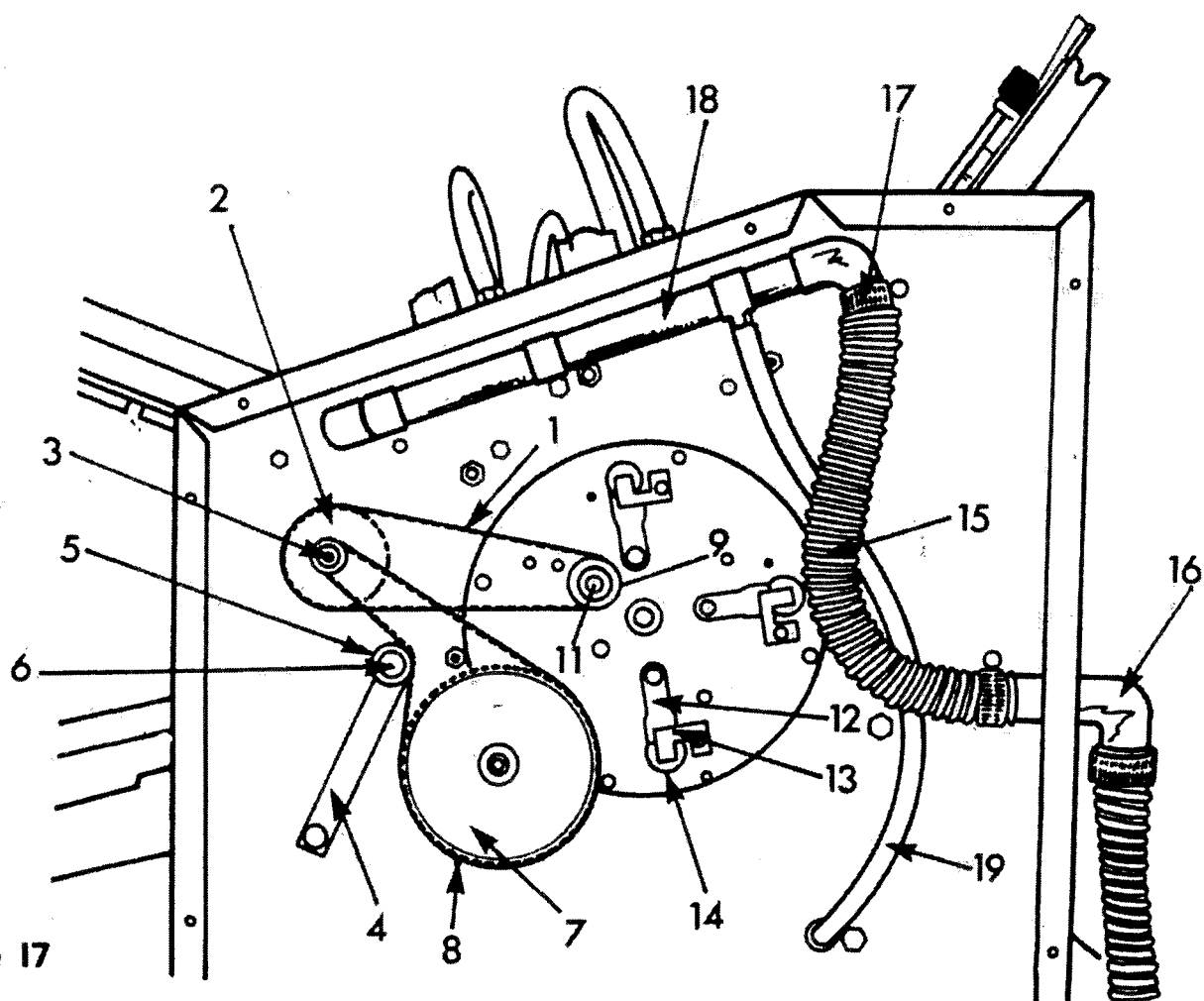


Figure 17

ITEM	PAM' NO.	DESCRIPTION
1	138045'	180 XL Belt-Feed Drive
2	138051	Feed Wheel Pulley
3	M10038	Drive Shaft
4	138048	Belt Tightener Assembly
5	138047	Belt Take-up Wheel
6	3021	Stud
7	109683	Pulley - 72 Tooth
	109676	220 XL Belt
9	138044	Pulley
10	109725	Retainer Lock

ITEM	PARC t30.	DESCRIPTION
11	109665	Idler Shaft
12	109663	Wooden Bearing Block
13	109620	Bearing Spring
14	109664	Spring Retainer
15	139431	Air Hose
16	139446	PVC R.A. Fitting*
17	964002	Hose Clamp
18	M10040	Air Manifold Assembly
19	139107	Hose

VACUUM FEED DRIVE & VACUUM MANIFOLD ASSEMBLY

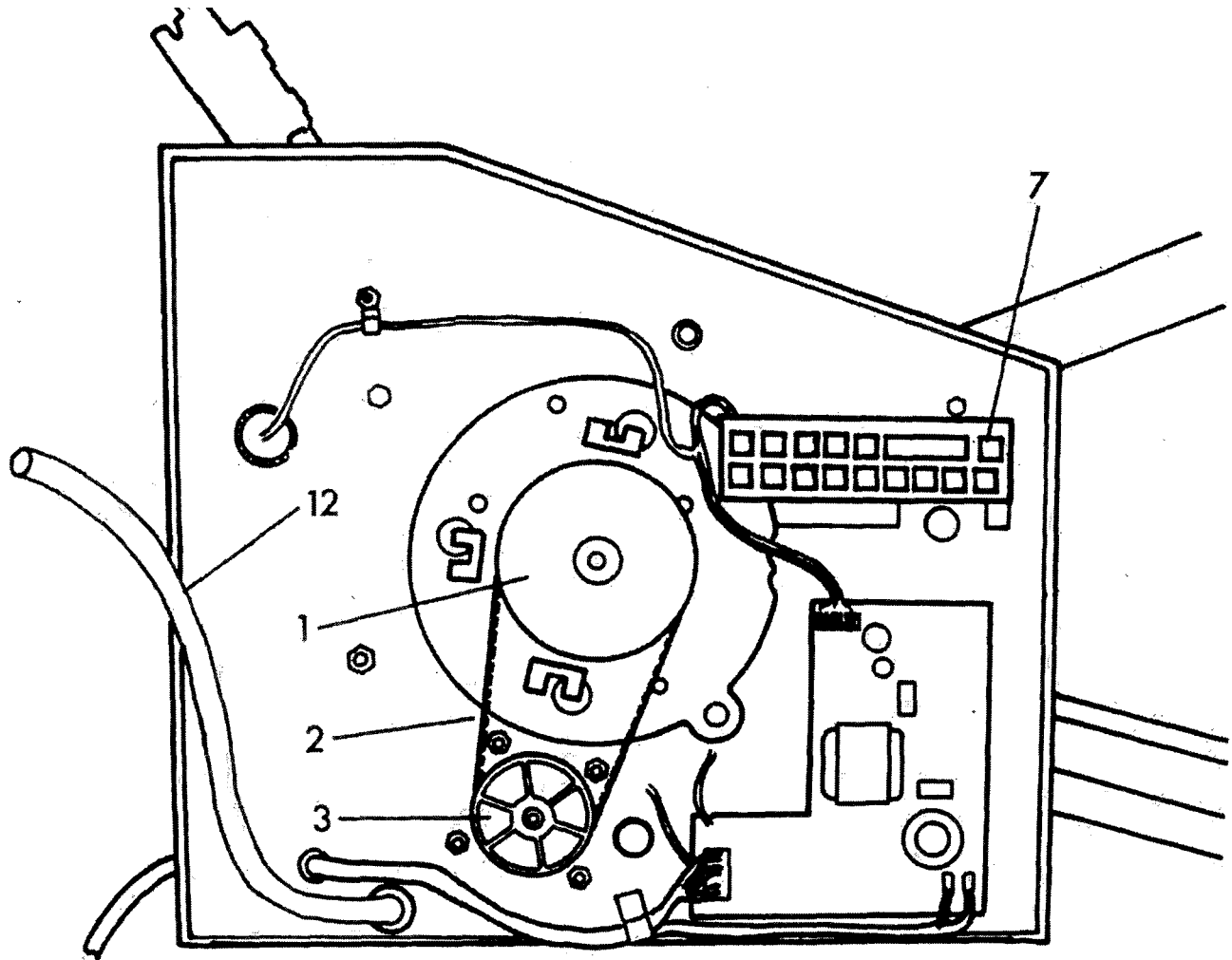


Figure 18

ITEM	PART NO.	DESCRIPTION•
1	109683	Pulley - 72 T0oth
	120597	230 XL Belt
3	138177	Raley
4	109734	Fuse (Not Shown).
5	M10054	D.C. Otor (Not Shown)
6		Variable 'Speed Control (Not Shcwn)
7	109607	Folder On-Off Switch
8	180004	Vacuum Manifold Assembly
9	139314	Vacuum Bleeder Hose
10	139427	Vacuum Guage Tubing
11	139426	Vacuum Guage
12	139107	Air Hose to L.H. Side Guide Valve

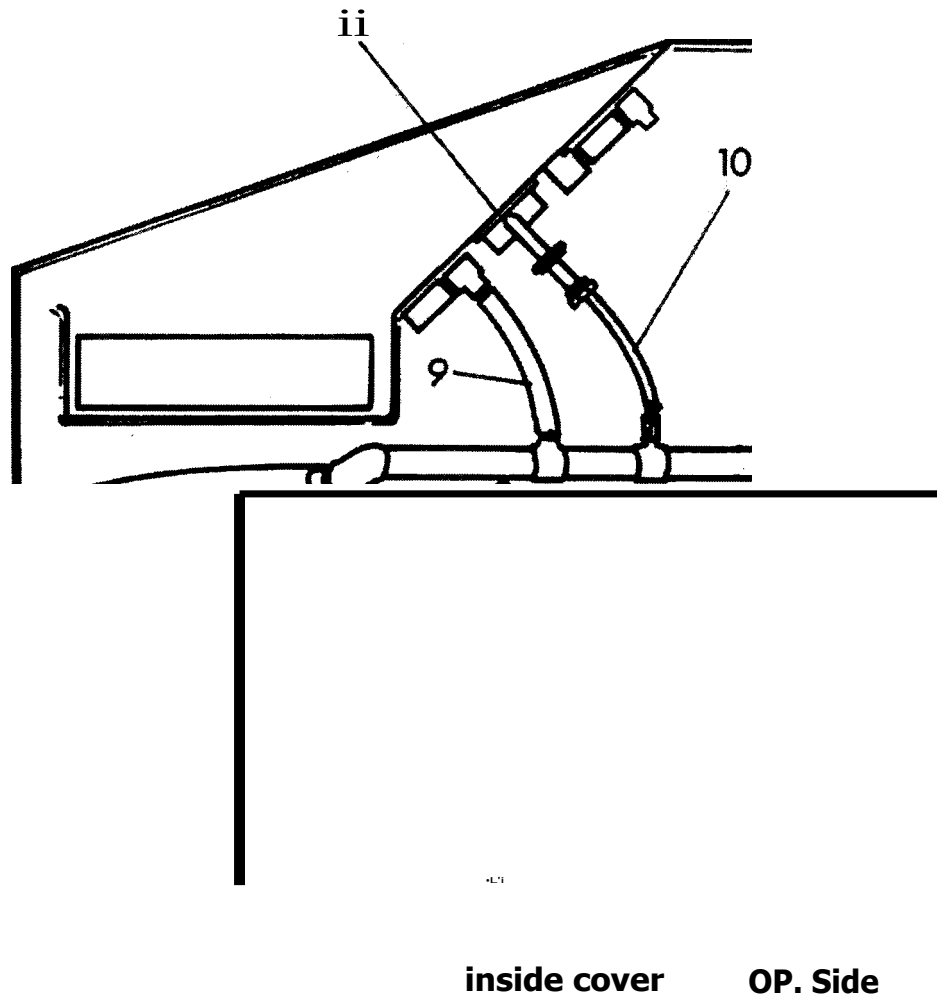


Figure 18 cont.

