

# Diamond-5

(ACR-50)

## Electric Corner Rounder



## User Manual and Parts List



Advanced Document Systems & Supply, Inc.

Phone: 800-808-2377 · Fax: 888-237-7329

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**G. Parts list**

01	Body	AD5-01	1	35	M4X8L round head screw	#	16
02	Levelling block	AD5-02	1	36	Fuse	#	1
03	Left adjusting plate	AD5-03	1	37	Buckle element	#	2
04	Right adjusting plate	AD5-04	1	38	Foot switch	#	1
05	Up blade	AD5-05	1	39	Power cord	#	1st
06	Down blade	AD5-06	1	40	M5X20L post head screw	#	4
07	Pressure plate	AD5-07	1	41	M5X10L post head screw	#	3
08	Tool apron	AD5-08	1	42	Taper pin	#	1
09	Right starting rail	AD5-09	1	43	M4X10L post head screw	#	4
10	Main shaft	AD5-10	1	44	M4X20L post head screw	#	2
11	Main shaft base	AD5-11	1	45	M5X15L post head screw	#	2
12	Nut	AD5-12	2	46	M4X15L post head screw	#	2
13	Motor holder	AD5-13	1	47	M4X10L round head screw	#	4
14	Trash bin	AD5-14	1	48	M5X25L post head screw	#	4
15	Sealing cover	AD5-15	1	49	5X30L key	#	1
16	Rear plate	AD5-16	1	50	M8X20L post head screw	#	4
17	Front plate	AD5-17	1	51	Motor	#	1
18	Power plate	AD5-18	1	52	M4 nut	#	4
19	Right baffle plate	AD5-19	1	53	Radiative fan	#	1
20	Left baffle plate	AD5-20	1	54	Safety net	#	1
21	Accessories	AD5-21	1	55	M4X25L round head screw	#	4
22	Regulation board	AD5-22	1	56	Wire assembly	#	1st
23	Control board	AD5-23	1	57	Terminal	#	1
24	CF8 Roller	#	1	58	Micro-switch	#	1
25	M3X5L headless screw	#	1	59	M3X15L round head screw	#	2
26	M8 Nut	#	1				
27	Bearing 6205	#	1				
28	Bearing 51105	#	1				
29	M3X5L round head screw	#	2				
30	Switch	#	1				
31	M4X5L round head screw	#	2				
32	Handle bar	#	1				
33	M5X10L round head screw	#	1				
34	M6X10L post head screw	#	4				

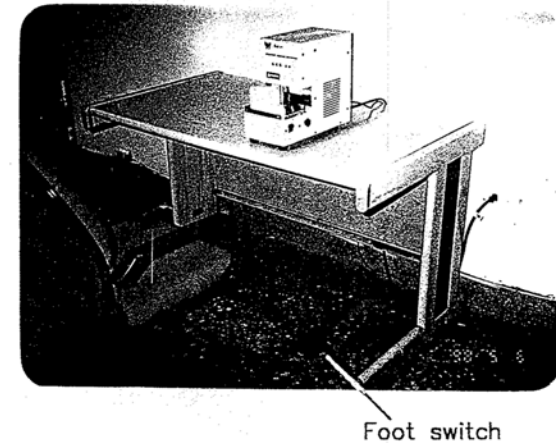
# Standard hardware item,available locally.

⊙ All specifications and designs are subject to change without notice.

**B. Installation of the cutting** (refer photo 4)

1. Put the machine on the working table.
2. Plug in the socket of the machine.Be careful the same power between the machine and the socket.
3. Put the foot switch on the ground.
4. Put the trash collecting boxes in the same place.
5. Turn on the power switch and then use it.

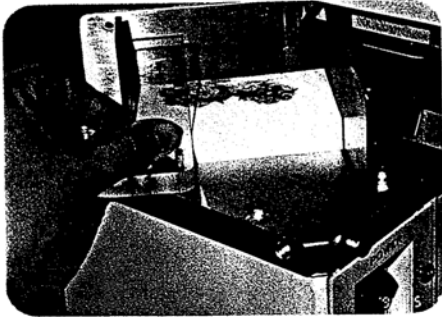
&lt;PHOTO 4&gt;

**C. Special precautions**

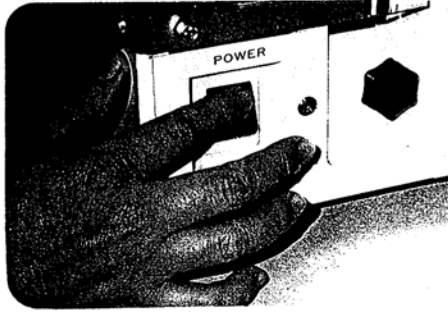
1. Watch the instructions of the power voltage. Do not press the voltage.
2. Cutting thickness of paper within 50mm every time.
3. Turn on the power switch and do not use your hands to touch the blade.
4. Do not cut the materials such as ALUMINUM BOARD,IRON PLATE, COPPER PLATE and COTTON.
5. Please turn off the power while wiping and maintenance.
6. Please switch off the power while stopping use it.

**D. Operation method**

**a. Machinery Operational Steps**



1. Put the inverted angle plate on the machine.



2. Turn on the power. (Red light is on)

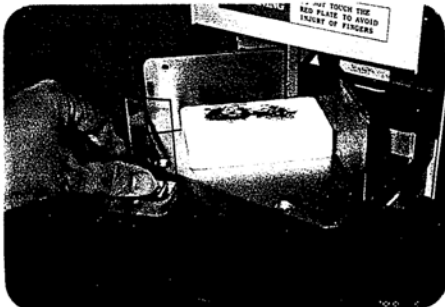


3. Turn on the foot switch and the machine will invert the angle automatically.

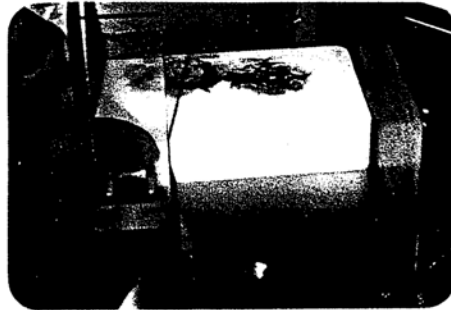
4. Follow the step 3. the paper will invert the angle.

to be close to the left and right sides of the Adjusting Plate. then, it's available to cut the paper when the right hand holds on it.

**b. How to use the Regulation Board**



1. Place the paper that needs to cut on the Levelling Block, together with the Regulation Board.

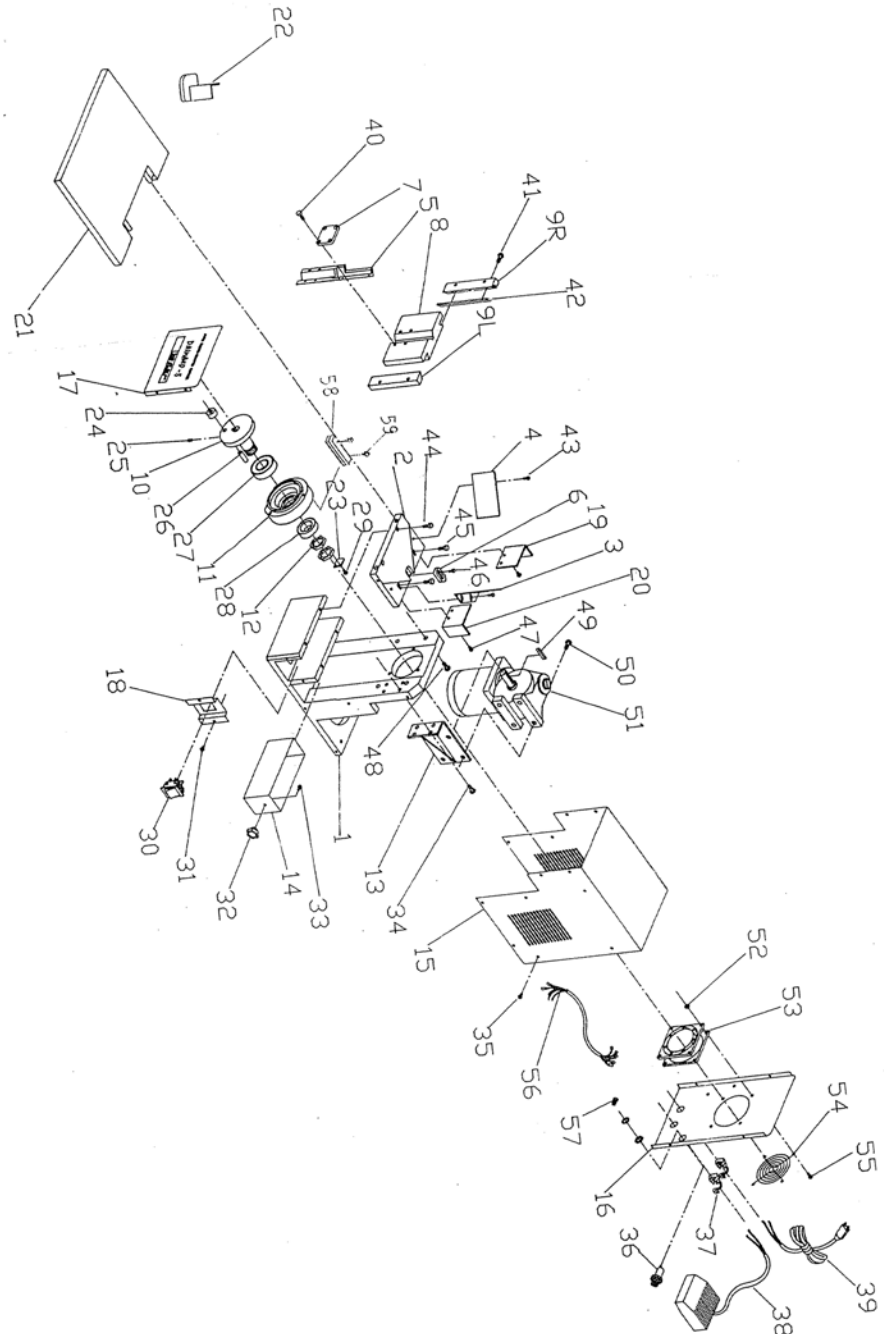


2. Use the left hand to make the Regulation Board rceline one angle of the paper and hold the paper

**F. Constitutional diagram**

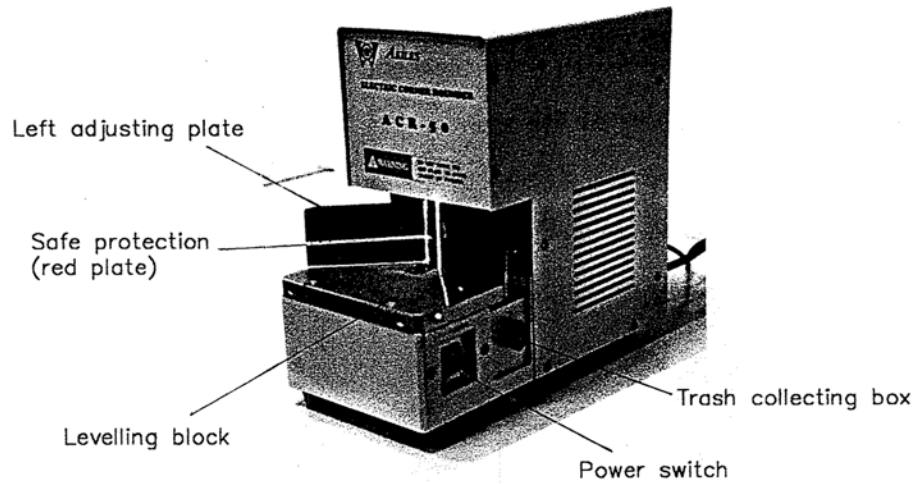
Please offer the following information if it's necessary

- Machine model number
- Machine number
- Please refer to the namelist of the parts regarding the number and the name



**A. Functional manuals**

< PHOTO 1 >



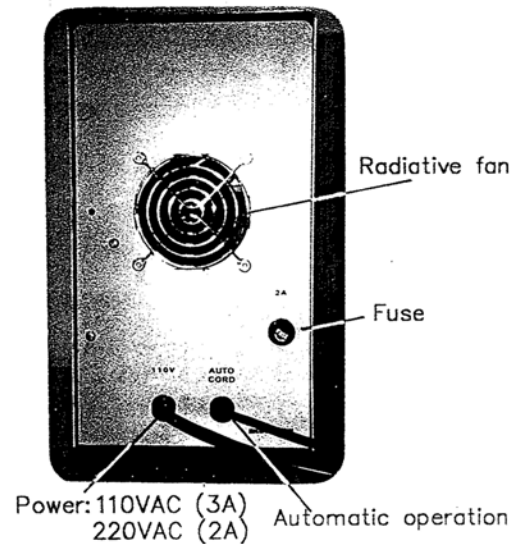
— Left side —

— Back of instrument board —

< PHOTO 2 >



< PHOTO 3 >



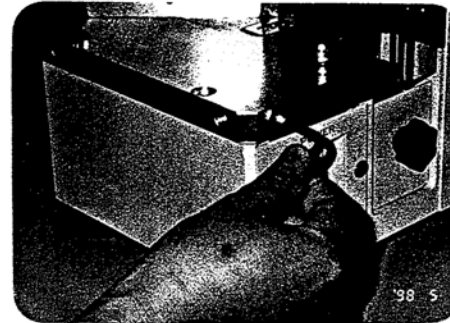
**SPECIFICATIONS :**

MODEL	AD-5
ROUND RADIUS	S (R3.5) , M (R6) L (R10)
CUT CAPABILITY	50 <sub>mm</sub> THICK
DIMENSION (WXHXT)	340x165x315 <sub>mm</sub>
WEIGHT	19 <sub>KG</sub>
POWER (50/60Hz)	110/220VAC
MOTOR	60W

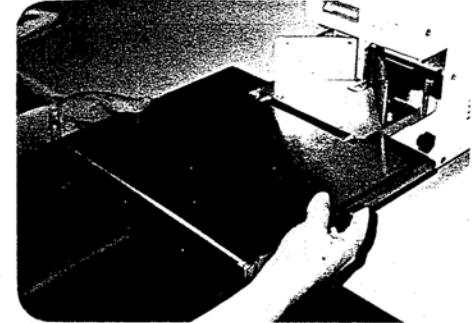
### E. Checkup and care of the unit

1. Before use it, please check front cutting edge, back cutting edge and cutting lips daily.
2. Clean trash collecting sump dialy.

### c. How to assemble the Large Levelling Block

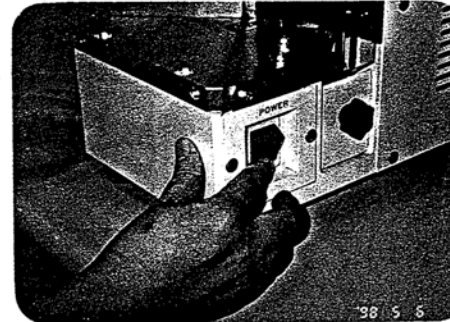


1. Use a 4mm of hexagonal wrench to unscrew the fixed screws.

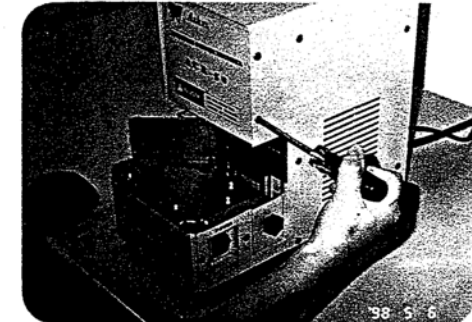


2. Insert the Large Levelling Block into the two holes of the Levelling Block, and fix the screws well as being inserted at the bottom.

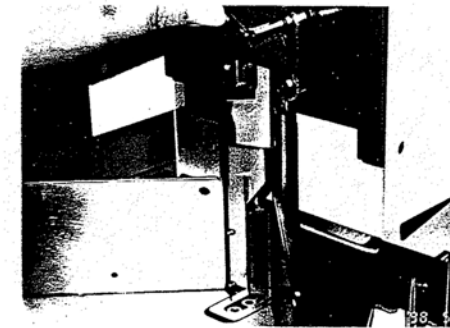
### d. How to exchange the blade



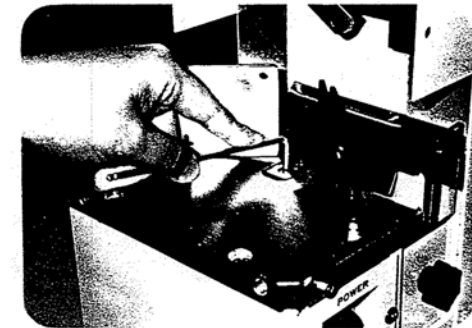
1. Turn off the power.



2. Disassemble the plate.



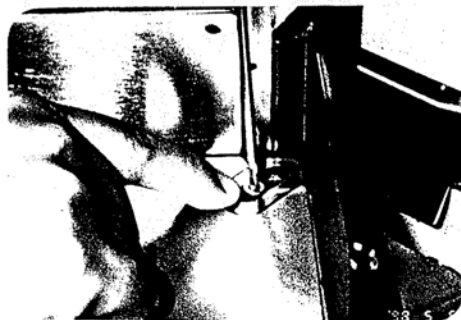
3. Disassemble the up blade.



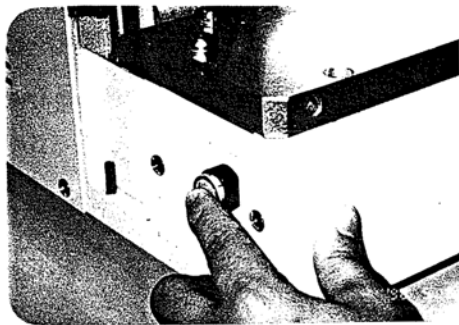
4. Disassemble the down blade.



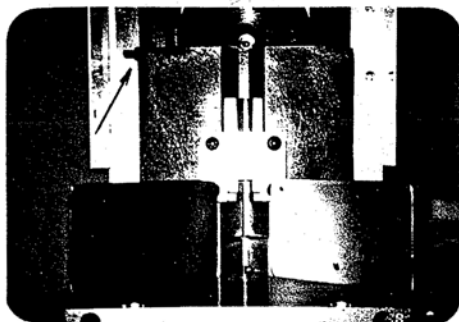
5. Install the up blade and fix it well.



6. Install the down blade, and pull the down blade to the last position and fix it.



7. Turn on the power. Press the menu switch. (Let go the up blade holder to stop the up and down motions.)



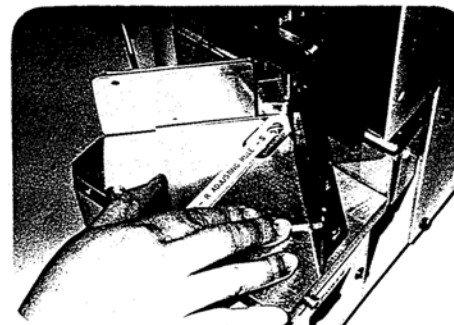
8. Adjust the up blade holder to the lowest point. (Show as the position of one screw, like the arrow indicates.)



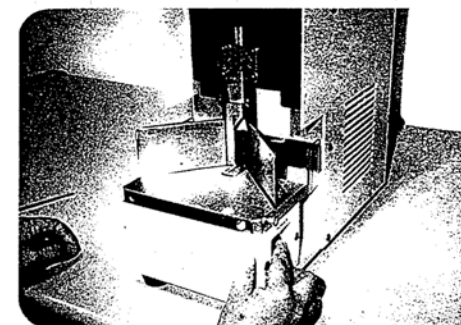
9. **TURN OFF THE POWER.** Adjust the position of the up blade. The lip of the up blade (as arrow 1) shall be the 2mm below the lip of the down blade (as arrow 2). Then, the up blade is available to be fixed well.



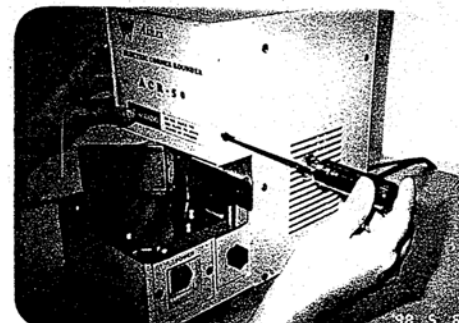
10. Adjust the down blade and unscrew the fixed screws. Push the small driver against the down blade to go ahead slightly, which makes the up blade and the down blade close well, then, fix them well.



11. Make the right and the left adjusting plates loose, and take the scaler of regulation against the up blade, then, the right and the left adjusting plates shall be close to the scaler tightly and fix them.

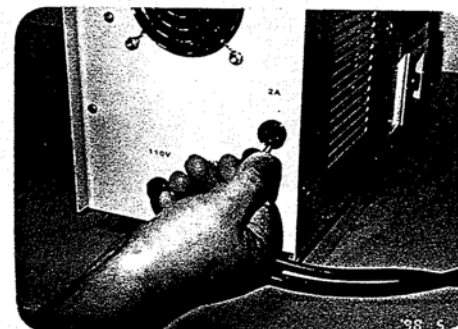


12. Turn on the power. Press the foot switch to make the up blade holder back to the highest point and cut an angle of the paper. Turn off the power after finishing the scanning.



13. Finally, the motions of changing the blade are completed as the plate is locked.

#### e. How to change the fuse



Unscrew the nut of the fuse holder to take out the damaged fuse. Exchange the new fuse in accordance with the specifications on the plate, and fix it well.