# Akiles Diamond 6 Heavy Duty Electric Corner Rounding Machine

# **Instruction Manual**



Call Us at 1-800-944-4573

# **Akiles Diamond 6 Operation Manual**

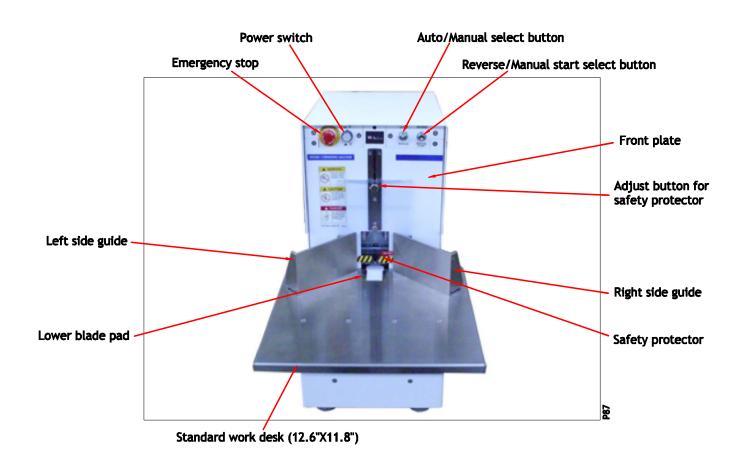
# **OPERATIONAL MANUAL**

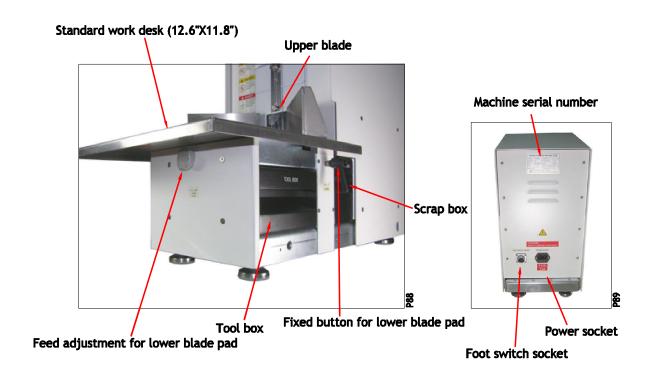


ITEM NO: AD-6

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# A. Name of machine parts





# B. Safety instructions (Before setting up the machine, carefully read all the manual)

| $\triangle$ | Make sure the outlet with the correct volgate and type              |
|-------------|---|
| 0           | Blade is sharp, non-operator please keep away from machine.         |
|             | Do not put fingers into the safety protector during operating time. |
|             | Do not cut staples, paper clips and other metal objects.            |
| $\triangle$ | Always turn off power when changing blade.                          |
| $\triangle$ | Always turn off power when work completed.                          |

## C. All kinds of blade

1 Upper blades (3 radius upper blades, 1 straight blade, total 4 kinds)



AD6-K3.5 Upper blade Size:R1/8"



AD6-K6 Upper blade Size: R1/4"



AD6-K10 Upper blade Size:R3/8"



AD6-C15 Straight blade Size: 5/8"

(2) Lower blade pads (straight blade can be with any kinds of lower blade pad)



AD6-K3.5-2 Lower blade pad Size:R1/8"

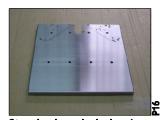


AD6-K6-2 Lower blade pad Size: R1/4"



AD6-K10-2 Lower blade pad Size:R3/8"

# D. Standard parts & accessories (total 8 parts)



Standard work desk - 1 pc Size: 12.6" X 11.8"



Left and right side guide each 1 pc



Tool and scrap box - each 1 pc



Maintenance tools:

- 1. Cross-head and flat-head screwdriver each 1 pc
  2. T-type hex wrench (2.5,3) -
- each 1 pc
  3. Hex wrench (1.5/2/2.5/3/4)
   each 1 pc
  4. Fuse (4A) 5 pcs



Maintenance screw set

- 1. Round-head hex screw(M4X8) 5 pcs
  2. Flat-head hex screw(M4X8) 10 pcs
  3. Truss-head cross screw(M4X8) 5 pcs
  4. Socket-head hex screw(M4X12) 4 pcs
  5. Washers (Ø4X2t) 4 pcs



Operational manual - 1 book



1. 1/4" upper blade - 1 pc

- 2. 1/4" lower blade pad 10 pcs
- 3. 1/4" blade base 1 set



Safety protector - 1 set

# E. Optional parts & accessories (total 8 parts)



L guide



Straight blade Size: 5/8"



Straight blade base



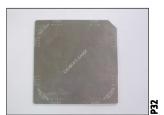
Upper blade Size: 1/8", 1/4", 3/8"



**Blade** base Size: 1/8", 1/4", 3/8"



Lower blade pad Size: 1/8", 1/4", 3/8"



Calibrate gauge



Oil stone Size: 8" X 2" X 1"

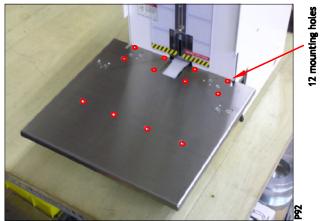
# F. Machine operation

#### CAUTION: Before operating machine, carefully read all the manual

#### 1 Installation and cutting test



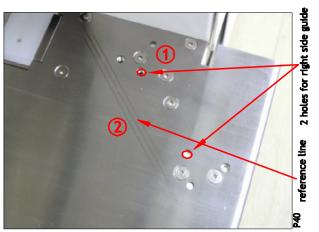
Place machine on top of a sturdy work table.



Place the work desk onto the machine as shown. Align the machine screw holes to the 12 mounting holes as arrows indicate.



Take the 2.5mm hex wrench, fasten the 12 pcs flat-head hex screw(size: M4x8).



As arrow 1 shown the 2 holes are for right side guide hole.

2) shown the reference line for the right side guide place and adjust the reference.

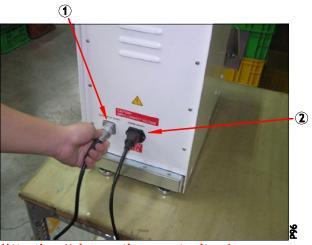


Place front edge of the right side guide on the central reference line, target the 2-hole shown in P40 on the fixed holes.

Use 3mm hex wrench lock the M4X12 socket-head hex screw. Fixed left side guide same as above.



Above figure show the ready position for right and left side guide.



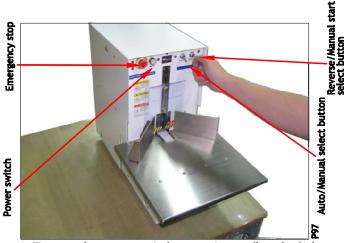
(Attention: Make sure the correct voltage)
Plug foot switch cord ① into the socket, then power cord ② into the socket.



- 1. Turn the operation mode to auto. (for manual mode, leave the upper blade slightly off the top position, and step on the foot switch to start)
- 2. Test with the foot switch see if normal operation. (push-down the switch to finishing a cycle, release the foot switch then start again)



Check if the corner rounder is tidy or any cutting edge remain. If yes, make a new lower blade pad cutting is requested. How to operate as shown P50~P51.



- 1. Turn on the power switch motor is standby, the light is on but motor not rotation.
- 2. Turn the operation mode to manual.
- 3. Push-down manual start button, push-down to start release to stop motor, make upper blade slowly down intermittently touch the lower blade pad, check blade if ready for working. (blade has been calibrate by original)



Put one sheet of paper close to right and left side guide. (Keep finger out of safety protector) Step the foot switch for cutting testing.

(When the upper blade to rise up, if heard a sharp noise. Can be add a little lubricating oil on upper blade's flank then dried to resolve the noise.)



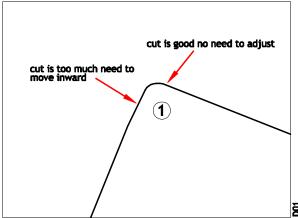
- Release the fixed button of lower blade pad counterclockwise.
- 2. Fixed button can be pulled out and turn around to change position. Adjusted to the best position between scrap box and tool box.
- 3. To lock, hold the handle while rotating clockwise and inward to press.



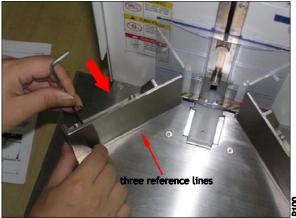
Turn counterclockwise one section of feed adjustment as shown, the lower blade pad will move 0.125mm. (one time one section can get better incision) Then lock the fixed button and try cutting again, if the situation remains the same, please repeat P50-P51. (a lower blade pad can be use 80 sections)

#### 2 Right and left side guide adjustment

#### a. Without calibrate gauge



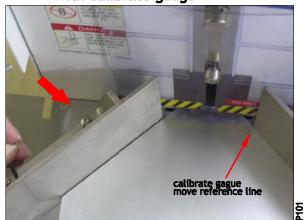
Above shown the right side cut is good no need to adjust. Left side cut is too much need to move inward of left paper guide.



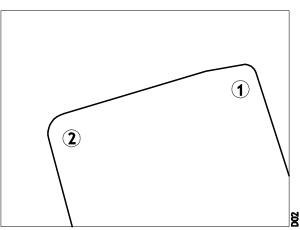
Release 2 fixed screw on left side guide. Refer the three lines on work desk, ① arrow is the direction of inward movement, keep front edge of the left side guide and reference line are parallel then fixed it for once cutting.

If the situation remains the same, please repeat above procedures unit get perfect corner rounder.

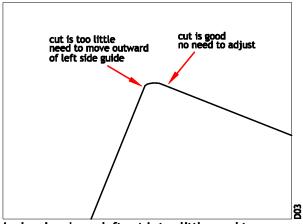
#### b. With calibrate gauge



Keep calibrate gauge close to right and left side guide. Check the relative position between calibrate gauge and right side guide, micro adjustment the calibrate gauge to right as red arrow shown. Hold the gauge with right hand and loosen the 2 pcs fixed screw of left side guide by left hand, then move the left side guide close to calibrate gauge and fixed tightly.



As drawing ① shown the left cut is too much need to adjust left side guide to right. Drawing ② is the perfect cutting after adjustment.



As drawing shown left cut is too little need to move outward (to left) of left side guide.

#### (3) Changing blades

#### a. Changing the upper blade



- 1. Turn off the power.
- 2. Remove the front plate.
- 3. Take 2.5mm T-type hex wrench, counterclockwise loosen 4 pcs of fixed screw.



Caution: V-type blade is sharp, do not touch with fingers.

As shown use left hand two finders hold on bottom of upper blade, and hold the top with right hand index finger, slow-shake to remove the blade out.

Same as above take a new blade, aligned and press inward to the 2 locating pin as arrow shown. Take 2.5mm T-type hex wrench to look the 4 pcs screw. (Please check again for well looking)

#### b. Changing the lower blade pad

#### (3 upper blade with 3 lower blade; Ex: K6 lower blade with K6 upper blade)



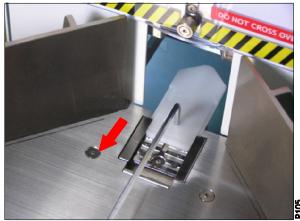
Turn off the power, relaese the fixed button of lower blade pad counterclockwise.



As photo shown, rotate the feed adjustment in a clockwise to the end.



Take screwdriver to get bottom-under the lower blade pad, forward the pad to scrap box.



Take short-side of 3mm hex wrench and push inside to new lower blade pad hole for fixing(as shown), then take hex wrench align to the guider and push down until touch to the end. Then take the hex wrench out and lock the fixed button of lower blade pad.

#### c. Changing the blade base



Attention: Turn off the power first

- 1. Blade base corresponding to upper blade, Ex: K6 blade base use for K6 upper blade.
- 2. Take 2.5mm hex wrench to loose 2 pcs of fixed screws.



Use finger push and forward the blade base to scrap box and take the base out.



Take the new base, install the base plate from the front and pull back to the end, not lock now.



- 1. Install the front plate.
- 2. Turn on the power and keep manual button, Use manual start button operation and stop upper blade on lowest point.
- 3. Turn off the power and remove the front plate.
- Push and forward the blade base align with fixed hole.
   Check if enough security gaps between upper blade and blade base before fixing. (Please check again for well locking)

#### d. Changing the straight blade C15



- 1. Turn off power and release the front plate.
- 2. Use left hand's hold upward the white protector to the base and close to the positioning plate, right hand take 3mm T-type hex wrench and screw tightly the 2 pcs of M4X16 screws, make sure fasten tightly.
- 3. Remove the white protector, and replace front plate. The C15 blade is now complete.



- 1. Picture shown how to change new C15 blade.
- First, put on the white protector on used blade, take5mm T-type hex wrench to remove the 4 pcs fixing screws.
- 3. Same, put on the white protector on new blade before changing. Replace it on blade base then 4 pcs of fixing screw, make sure screws fasten tightly.

#### 4 How to use the "L" guide



Adjust the safety protector and keep stack of paper about 5mm height distance, fix the adjust button.



Put the "L" guide on table, use "L" guide left and right edges to tap the stack of paper in parallel till paper is neatly. At the same time, make sure "L" guide close to the outside corner of the paper. Right hand fingers hold "L" guide at the bottom(as shown), slightly press the "L" guide let it close to the paper for cutting.

#### G. Maintenance

#### (1) Changing fuse and discharge capacitor



Replace the fuse

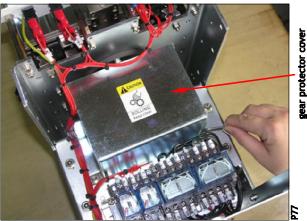
- 1. Unplug the power cord.
- Take flat-head screwdriver, pry-open the hole as picture shown outward, pull out the fuse holder by another hand.
- 3. Remove the damaged fuse and replace a new one that meet the specification, then re-plug the power cord for using.



Before disassembly the circuit, user must to discharge the capacitor's surplus electricity. And pay attention fingers do not to touch the metal part when using the screwdriver.

- 1. Use the flat-head screwdriver pry open the cover of the terminal blocks.
- Use the cross-head screwdriver to hold the M5 junction of the screw, and use flat-head screwdriver to hold the M6 junction of the screw, then move both screwdriver to touch. At same moment will have sparkles caused from the touch.
- 3. After disassembly, replace the cover of the terminal blocks.

# 2 Lubrication applying (Refuel lubricant every 30 days for using frequently. for not often use every 90 days)



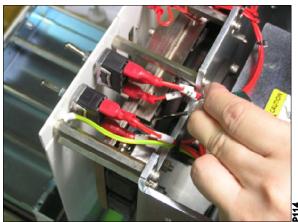
- 1. Turn off power, unplug the power cord.
- 2. Remove the 10 pcs screw of outside the shield, both hands hold the shield and move upward slowly.
- 3. As shown remove the 2 pcs screw on gear protector cover.
- 4. Move the gear protector upward slowly.



As shown smear a little grease lubricant on bevel gear, then covered the gear protector cover by the 2 pcs fixing screws and fasten tightly.



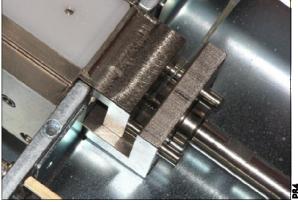
As shown is the lubricating linear slider(2 sliders each left and right), carefully press a little grease lubricant by grease nozzle into the sliders.



As shown is the cam track for lubrication, take few lubricant by flat-head screwdriver and spread lubricant on both sides of cam track.



P84/P115 is shown how to lubricating for blade pad system
1. Remove the left and right side guide and work desk.
2. Lubricate the movement blade pad feeding device.



As shown lubricate the feeding thread and shaft, apply with a little lubrication while rotating.



As shown when the scrap box accumulated up to seven full please empty the scrap, in order to prevent the risk when upper blade work down cutting.

## 3 Blade sharpened (K3.5/K6/K10 upper blades and straight blade are all available to sharpen by oil stone)



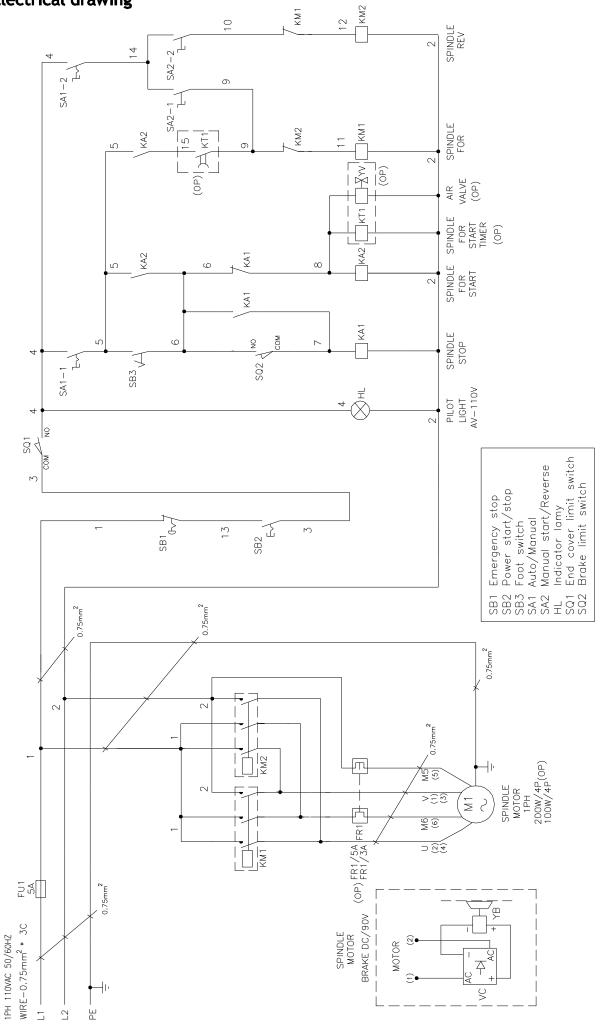
Blade is sharp, do not touch with finger.

As shown put radius V-shaped blade on the oil stone. Add a little lubricate on the oil stone, smooth moves back and forth sharpened blade.

For straight blade, same operation as radius blade.

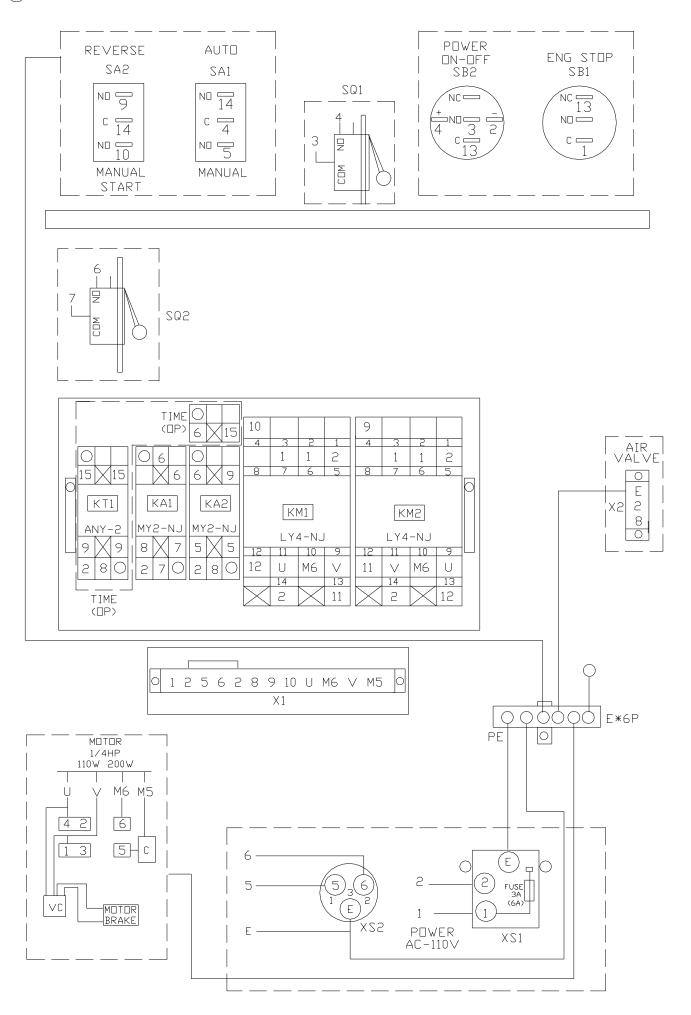
# H. Electronic control system (110V)

# 1 Electrical drawing



POWER SUPPLY

#### **(2)** Position chart



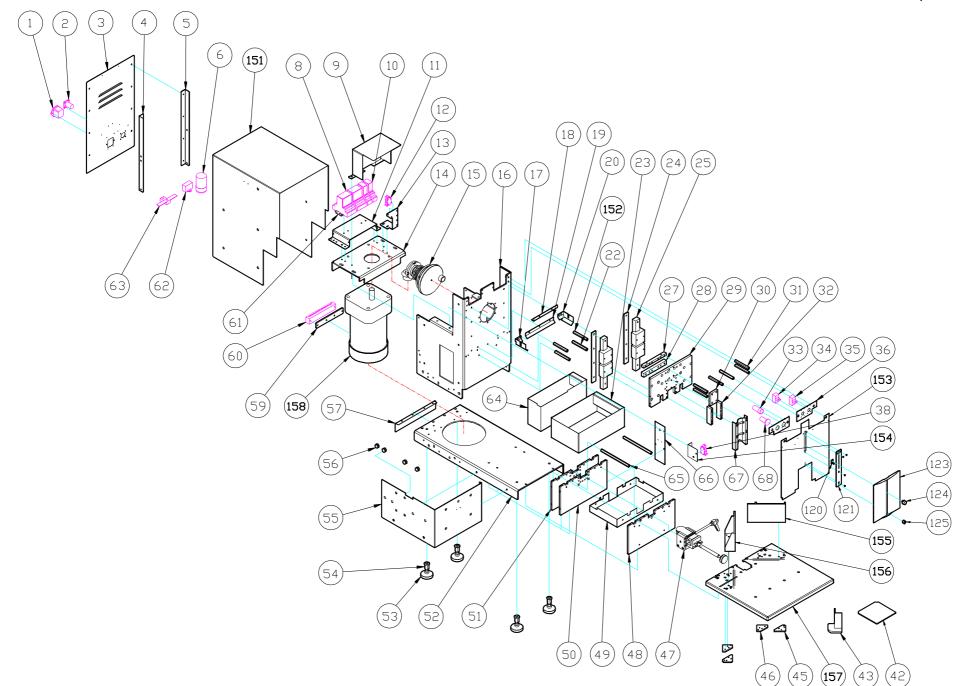
#### I. Diagram and parts list

1 Machine main structure

After service will request below information:

1. Model number

- Machine serial number (marked behind on machine)
   Parts number, name and quantity

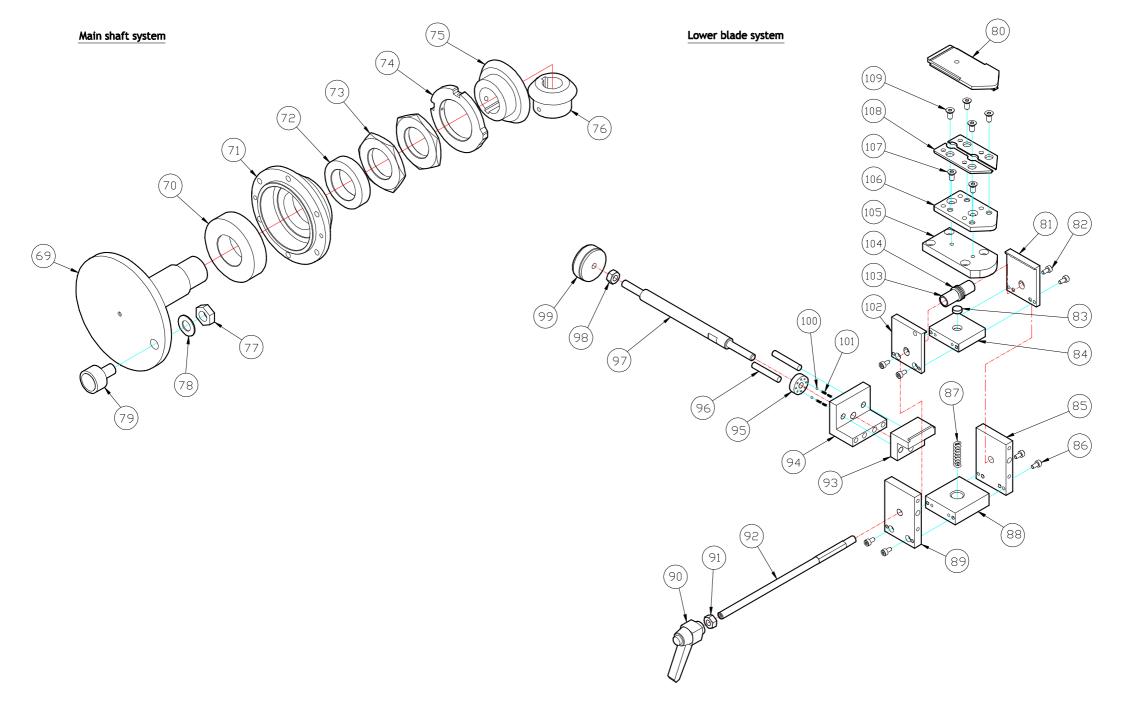


## Parts list

| No.        | Description             | Diagram no.         | Q'ty | No. | Description             | Diagram no. | Q'ty |
|------------|-------------------------|---------------------|------|-----|-------------------------|-------------|------|
| 1          | Power socket            | #                   | 1    | 49  | Inner shutter           | D03-01      | 1    |
| 2          | Foot switch socket      | #                   | 1    | 50  | Middle structural plate | D05-02      | 1    |
| 3          | Back plate              | D03-03              | 1    | 51  | Front structural plate  | D05-01      | 1    |
| 4          | Right back fixing plate | D03-04              | 1    | 52  | Main base               | D01-01      | 1    |
| 5          | Left back fixing plate  | D03-05              | 1    | 53  | Adjustable leg-glides   | D01-06      | 4    |
| 6          | Condenser               | #                   | 1    | 54  | Adjustable nut          | D01-08      | 4    |
| 8          | Large relay             | #                   | 2    | 55  | Left cover              | D03-02      | 1    |
| 9          | Gear protector cover    | D04-08              | 1    | 56  | Magnet seat             | D07-11      | 4    |
| 10         | Small relay             | #                   | 2    | 57  | Back shutter            | D01-10      | 1    |
| 11         | Relay base              | D04-02              | 1    | 59  | Terminal blocks seat    | D04-09      | 1    |
| 12         | Brake limits switch     | #                   | 1    | 60  | Terminal blocks         | #           | 1    |
| 13         | LS fixing plate         | D04-01              | 1    | 61  | Relay guide seat        | D04-10      | 1    |
| 14         | Motor base              | D04-03              | 1    | 62  | Rectifier               | #           | 1    |
| 15         | Main shaft system       | Followed by details |      | 63  | Earth copper plate      | #           | 1    |
| 16         | Main structural         | D02-01-1            | 1    | 64  | Scrap box               | D04-05      | 1    |
| 17         | Left scrap plate        | D01-03              | 1    | 65  | Reinforcement axle      | D14-09      | 2    |
| 18         | Upper scrap plate       | D01-02              | 1    | 66  | Right cover             | D03-06      | 1    |
| 19         | Middle scrap plate      | D01-05              | 1    | 67  | Upper blade (R6)        | D09-11      | 1    |
| 20         | Right scrap plate       | D01-04              | 1    | 68  | Emergency stop switch   | #           | 1    |
| 22         | Lower fixing axle       | D14-07              | 2    | 120 | Slide block             | D16-03      | 1    |
| 23         | Tool box                | D04-06              | 1    | 121 | Slideway                | D16-02      | 1    |
| 24         | LG washer               | D04-07              | 2    | 123 | Safety protector        | D16-01      | 1    |
| 25         | Linear guideway         | #                   | 2    | 124 | adjust button           | D16-04      | 1    |
| 27         | CF upper guide          | D07-13              | 1    | 125 | Location axle           | D16-06      | 1    |
| 28         | CF lower guide          | D07-14              | 1    | 151 | Outside the shield      | D13-01      | 1    |
| 29         | Main slide seat         | D07-01              | 1    | 152 | Middle fixing axle      | D14-08      | 2    |
| 30         | Limiting board          | D07-15              | 1    | 153 | Front plate             | D14-02      | 1    |
| 31         | Upper fixing axle       | D14-06              | 6    | 154 | Front LS fixing plate   | D02-08      | 1    |
| 32         | Blade base              | D07-08              | 2    | 155 | Right side guide        | D02-05-1    | 1    |
| 33         | Power switch            | #                   | 1    | 156 | Left side guide         | D02-04-1    | 1    |
| 34         | Function switch         | #                   | 1    | 157 | Standard work desk      | D15-01-1    | 1    |
| 35         | Manual start switch     | #                   | 1    | 158 | Motor (100W)            | #           | 1    |
| 36         | Control parts plate     | D14-01              | 2    |     |                         |             |      |
| 38         | End cover limits switch | #                   | 1    |     |                         |             |      |
| <b>42</b>  | Calibrate gauge         | D02-06              | 1    |     |                         |             |      |
| <b>4</b> 3 | L guide                 | D02-07              | 1    |     |                         |             |      |
| 45         | Back pad                | D02-02              | 2    |     |                         |             |      |
| 46         | Front pad               | D02-03              | 2    |     |                         |             |      |
| 47         | Lower blade system      | Followed by details |      |     |                         |             |      |
| 48         | Back structural plate   | D05-03              | 1    |     |                         |             |      |

2 Parts of structure: Main shaft system and Lower blade system

- After service will request below information:
  1. Model number
  2. Machine serial number (marked behind on machine)
  3. Parts number, name and quantity



# Parts list

| No. | Description                  | Diagram no. | Q'ty | No. | Description           | Diagram no. | Q'ty |
|-----|------------------------------|-------------|------|-----|-----------------------|-------------|------|
| 69  | Main shaft                   | D07-05      | 1    | 104 | Cam                   | D06-06      | 4    |
| 70  | Angular contact ball bearing | # (7206)    | 1    | 105 | Baseboard             | D05-04      | 1    |
| 71  | Main shaft seat              | D07-06      | 1    | 106 | Blade base            | D05-13 (R6) | 1    |
| 72  | Thrust bearing               | # (51106)   | 1    | 107 | Setscrew              | # (M4X10L)  | 2    |
| 73  | Fixing nut                   | D07-10      | 2    | 108 | Blade fastening plate | D05-18      | 2    |
| 74  | Control ring                 | D07-09      | 1    | 109 | Setscrew              | # (M4X6L)   | 4    |
| 75  | Large bevel gear             | D07-16      | 1    |     |                       |             |      |
| 76  | Small bevel gear             | D07-18      | 1    |     |                       |             |      |
| 77  | Nut                          | D07-21      | 1    |     |                       |             |      |
| 78  | Washer                       | D07-20      | 1    |     |                       |             |      |
| 79  | Cam followers                | # (CFH10)   | 1    |     |                       |             |      |
| 80  | Lower blade pad              | D05-08 (R6) | 1    |     |                       |             |      |
| 81  | Left fastening plate         | D06-01      | 1    |     |                       |             |      |
| 82  | Setscrew                     | # (M3X6L)   | 4    |     |                       |             |      |
| 83  | Cam washer                   | D06-16      | 1    |     |                       |             |      |
| 84  | Cam baseboard                | D06-03      | 1    |     |                       |             |      |
| 85  | Left outer plate             | D06-04      | 1    |     |                       |             |      |
| 86  | Setscrew                     | # (M3X10L)  | 4    |     |                       |             |      |
| 87  | Return spring                | D06-10-1    | 1    |     |                       |             |      |
| 88  | Baseboard                    | D06-05      | 1    |     |                       |             |      |
| 89  | Right outer plate            | D06-04      | 1    |     |                       |             |      |
| 90  | Locking handle               | D06-15      | 1    |     |                       |             |      |
| 91  | Nut                          | # (M6)      | 1    |     |                       |             |      |
| 92  | Cam shaft                    | D06-09      | 1    |     |                       |             |      |
| 93  | Push plate                   | D06-12      | 1    |     |                       |             |      |
| 94  | Feed base                    | D06-11      | 1    |     |                       |             |      |
| 95  | Positioning plate            | D06-14      | 1    |     |                       |             |      |
| 96  | Slideway                     | D06-17      | 2    |     |                       |             |      |
| 97  | Feed shaft                   | D06-13      | 1    |     |                       |             |      |
| 98  | Nut                          | # (M6)      | 1    |     |                       |             |      |
| 99  | Feed knob                    | D06-08      | 1    |     |                       |             |      |
| 100 | Steel ball                   | # (Ø3)      | 4    |     |                       |             |      |
| 101 | Spring                       | MP-19       | 4    |     |                       |             |      |
| 102 | Right fastening plate        | D06-02      | 1    |     |                       |             |      |
| 103 | Shrink-ring                  | D06-07      | 2    |     |                       |             |      |

## **4** Screws and other standard hardware parts list

| No. | Hardware description    | Specifications | Q'ty | No.                             | Hardware description         | Specifications   | Q'ty |
|-----|-------------------------|----------------|------|---------------------------------|------------------------------|--|------|
| 1   | Hex flat head screws    | M3X10L         | 2    | 156                             | Hex socket head screws       | M4X16L   | 2    |
| 2   | Hex button head screws  | M3X8L          | 4    |                                 | Washers                      | Ø4X2t  | 2    |
| 3   | Hex button head screws  | M4X8L          | 8    | 157                             | Hex flat head screws         | M4X8L  | 12   |
| 4   | Hex socket head screws  | M4X6L          | 2    | 45                              | Hex flat head screws         | M3X10L   | 4    |
| 5   | Hex socket head screws  | M4X6L          | 2    | 46                              | Hex flat head screws         | M3X10L   | 4    |
| 6   | Hex socket head screws  | M4X6L          | 2    | 48                              | Hex socket head screws       | M4X12L   | 2    |
| 151 | Hex flat head screws    | M4X8L          | 10   | 49                              | Hex socket head screws       | M4X6L  | 4    |
| 9   | Hex socket head screws  | M4X8L          | 2    | 50                              | Hex socket head screws       | M4X12L   | 2    |
| 11  | Hex socket head screws  | M4X8L          | 4    | 51                              | Hex socket head screws       | M4X12L   | 2    |
| 12  | Cross round head screws | M3X16L         | 2    | 54                              | Washers                      | Ø8×2t  | 4    |
| 13  | Hex socket head screws  | M4X6L          | 2    | 55                              | Hex flat head screws         | M4X8L  | 10   |
| 14  | Hex socket head screws  | M6X20L         | 4    | 57                              | Hex flat head screws         | M4X8L  | 4    |
|     | Washers                 | Ø6X2t          | 4    | 158                             | Hex socket head screws       | M8X25L   | 4    |
|     | Hex nuts                | M6             | 4    |                                 | Washers                      | Ø8x2t  | 4    |
| 16  | Hex socket head screws  | M5X10L         | 8    |                                 | Hex nuts                     | M8   | 4    |
|     | Location pins           | Ø5x10L         | 2    | 59                              | Cross round head screws      | <sup>13</sup> / <sub>16</sub> " X <sup>3</sup> / <sub>8</sub> "L | 2    |
| 17  | Cross round head screws | M4X8L          | 2    | 60                              | Hex socket head screws       | M4X10L   | 2    |
| 18  | Hex socket head screws  | M4X8L          | 2    | 61                              | Hex socket head screws       | M4X8L  | 2    |
| 19  | Cross round head screws | M4X8L          | 3    | 62                              | Hex socket head screws       | M4X12L   | 1    |
| 20  | Cross round head screws | M4X8L          | 2    | 63                              | Hex socket head screws       | M5X10L   | 1    |
| 152 | Hex socket head screws  | M4X12L         | 2    | 65                              | Hex socket head screws       | M4X12L   | 2    |
| 22  | Hex socket head screws  | M4X12L         | 2    |                                 | Hex socket head screws       | M4X8L  | 2    |
| 25  | Hex socket head screws  | M5X25L         | 8    | 66                              | Hex flat head screws         | M3X10L   | 4    |
| 27  | Hex socket head screws  | M5X12L         | 4    | 67                              | Hex button head screws       | M4X8L  | 4    |
|     | Location pins           | Ø5X16L         | 2    | 70                              | Angular contact ball bearing | 7206   | 1    |
| 28  | Hex socket head screws  | M5X12L         | 4    | 71                              | Hex socket head screws       | M5X12L   | 6    |
|     | Location pins           | Ø5X16L         | 2    |                                 | Location pins                | Ø4X10L   | 2    |
| 29  | Hex socket head screws  | M5X10L         | 8    | 72                              | Thrust bearing               | 51106  | 1    |
| 30  | Hex socket head screws  | M4X16L         | 4    | 74                              | Hex socket head screws       | M3X8L  | 2    |
| 31  | Hex socket head screws  | M4X12L         | 6    | <i>7</i> 5                      | Hex headless screws          | M5X8L  | 2    |
| 32  | Hex socket head screws  | M4X20L         | 6    |                                 | Square keys                  | 5X20L  | 1    |
|     | Location pins           | Ø3X10L         | 6    | 76                              | Hex socket head screws       | M5X8L  | 2    |
| 36  | Hex flat head screws    | M4X8L          | 4    |                                 | Square keys                  | 5X20L  | 1    |
| 153 | Hex flat head screws    | M4X8L          | 2    | 79 Cam followers CFH10          |                              | CFH10  | 1    |
| 38  | Cross round head screws | M3X20L         | 2    | 81 Hex socket head screws M3X8L |                              | M3X8L  | 2    |
|     | Hex nuts                | М3             | 2    | Location pins Ø3X10L            |                              | Ø3X10L   | 2    |
| 154 | Hex socket head screws  | M4X8L          | 2    | 85                              | Hex socket head screws       | M3X12L   | 2    |
| 155 | Hex socket head screws  | M4X16L         | 2    |                                 | Hex socket head screws       | M4X8L  | 2    |
|     | Washers                 | Ø4X2t          | 2    |                                 | Hex socket head screws       | M4X12L   | 2    |

| No. | Hardware description   | Specifications | Q'ty | No.      | Hardware description | Specifications | Q'ty |
|-----|------------------------|----------------|------|----------|----------------------|----------------|------|
| 85  | Location pins          | Ø3X12L         | 2    |          |                      |                |      |
|     | Location pins          | Ø5X12L         | 2    |          |                      |                |      |
| 89  | Hex socket head screws | M3X12L         | 2    |          |                      |                |      |
|     | Hex socket head screws | M4X8L          | 2    |          |                      |                |      |
|     | Hex socket head screws | M4X12L         | 2    |          |                      |                |      |
|     | Location pins          | Ø3X12L         | 2    |          |                      |                |      |
|     | Location pins          | Ø5X12L         | 2    |          |                      |                |      |
| 93  | Location pins          | Ø5X28L         | 2    |          |                      |                |      |
| 94  | Hex socket head screws | M4X28L         | 2    |          |                      |                |      |
|     | Location pins          | Ø5X10L         | 2    |          |                      |                |      |
| 95  | Steel ball             | Ø3             | 4    |          |                      |                |      |
| 102 | Hex socket head screws | M3X8L          | 2    |          |                      |                |      |
|     | Location pins          | Ø3X10L         | 2    |          |                      |                |      |
| 105 | Hex socket head screws | M4X10L         | 4    |          |                      |                |      |
| 106 | Hex flat head screws   | M4X10L         | 2    |          |                      |                |      |
| 108 | Hex flat head screws   | M4X6L          | 4    |          |                      |                |      |
|     | Location pins          | Ø4X6L          | 4    |          |                      |                |      |
|     |                        |                |      |          |                      |                |      |
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# **SPECIFICATIONS**

| Item No.             | AD-6                           |        |      |      |  |   |  |  |
|----------------------|--------------------------------|--------|------|------|--|---|--|--|
| Four Kinds           | Radius                         | 1/8"   | 1/4" | 3/8" |  |   |  |  |
| of Blades            | Straight                       | length | 5/8" |      |  | ' |  |  |
| Cutting Capacity     | 23.6" ( 600 sheets )           |        |      |      |  |   |  |  |
| <b>Cutting Speed</b> | 46 rpm                         |        |      |      |  |   |  |  |
| Dimensions           | 24.6"(W) X 12.6"(D) X 17.5"(H) |        |      |      |  |   |  |  |
| Weight / Volumn      | 103 lbs / 3.14 CbFt            |        |      |      |  |   |  |  |
| Power                | 110vac Single-Phase (50~60Hz)  |        |      |      |  |   |  |  |
| Motor                | 100 W                          |        |      |      |  |   |  |  |