



S-700 CORNER CUTTER



OPERATING MANUAL

***Read this manual before operating the machine.**

***Keep hands away from the clamping and cutting area.**

1. Summary

Electric Corner Cutter S-700 is driven through electric power and triggered through clutch. It is used for cutting rounded corner for paper, PVC etc. It can cut various specifications of rounded corner. It is characterized by sense in control, ease of operation and maintenance. It is ideal equipment for the packaging industry. (Structure refers to Figure 1)

2. Main Technical Data

- (1) Max thickness of paper: 3.15” / 80mm
- (2) Cutting speed: 130 times/min
- (3) Slide stroke: 3.54” / 90mm
- (4) Blade specification: R3-R13mm
- (5) Rotation of motor: 1400r/min
- (6) Weight: 231.5 lbs / 105Kgs
- (7) Measurement: 22.44” x 24.02” x 55.12” / 570×610×1400mm not including big table

3. Installation and operation

3.1 The machine shall be installed on the flat floor with the four feet on the floor.

3.2 Add some machine grease to the lubricating parts of machine referring to Figure 1.

3.3 Open the front door, tread on the foot pedal (No.10), manually rotate the major wheel in the anticlockwise direction, observing if the gap between the upper and lower cutter is suitable. If it is not suitable, adjust it according to the following description. Then rotate the major wheel some rounds, observing if the other parts are working normally.

3.4 Turn on the power switch. The indicator lamp for the switch is lighting and the motor is running.

3.5 Tread on the foot pedal (No.10) , observing if the machine is working normally. Particularly check that the machine has no single stroke locking

function for the stroke criteria. If you want the single stroke criteria, you shall step on the timer controller for foot pedal. Tread on the foot pedal till the flywheel runs for nearly a circle, then step off. But if you tread on the foot pedal, it doesn't work, and then the slide will continually run.

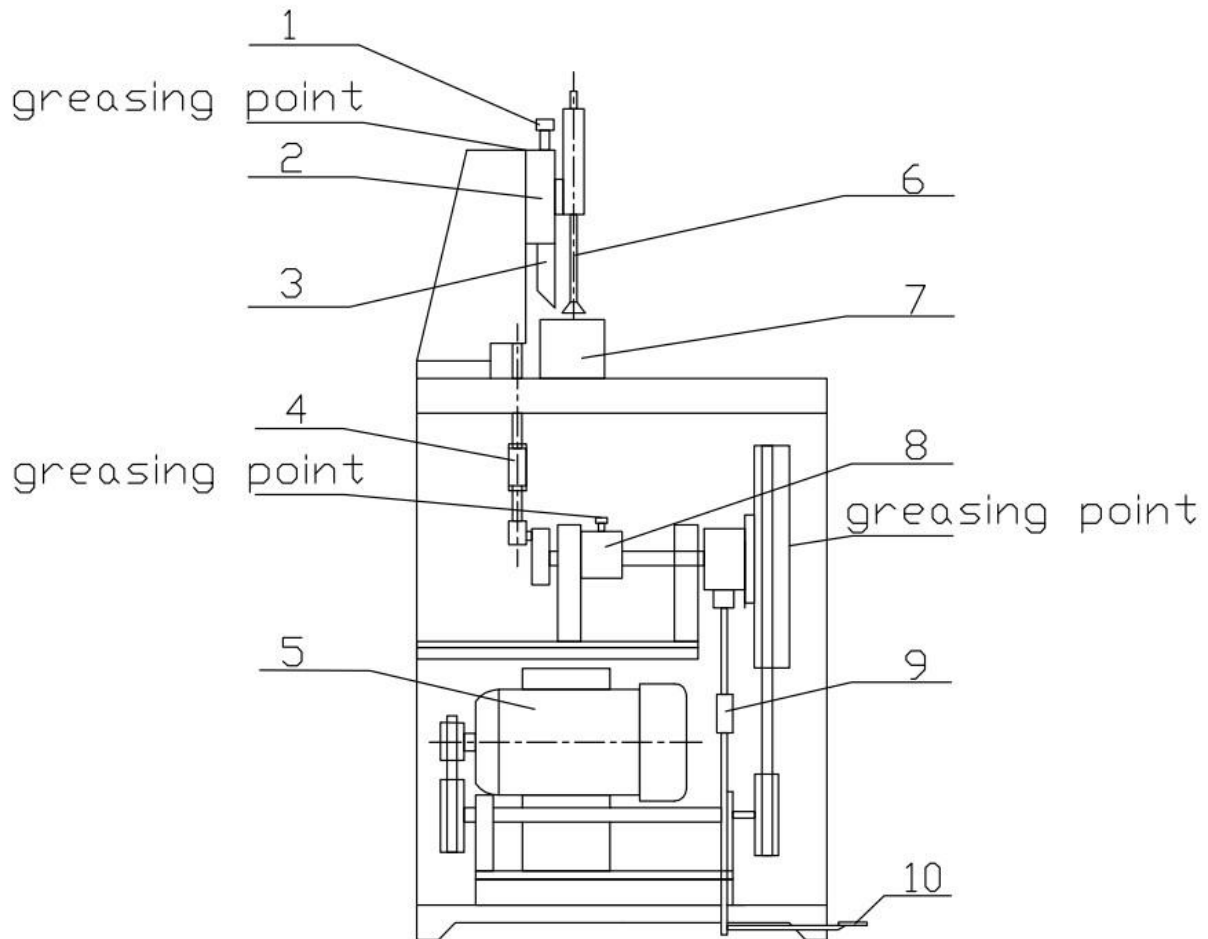


Figure 1

| | |
|------------------------------------|--|
| 1. Top screw for blade | 6. Clamp |
| 2. Slide | 7. Side gauge |
| 3. Blade upper | 8. Damper |
| 4. Limit adjusting screw for blade | 9. Adjusting screw for foot pedal position |
| 5. Motor | 10. Foot pedal |

4. Adjustment

4.1 Adjustment for the blade upper

The adjustment for the upper blade is to adjust the top and bottom position for the upper blade. The round arc intaglio the of the upper blade should insert into the lower blade port at 1-2mm. Loose the three screws on right of the slide (See 2 of Figure1). Let the upper blade go up and down to be the proper position. After adjustment tighten the three screws.

4.2 Adjustment for the lower blade (See Figure2)

To adjust the gap between the upper and the lower blade, please refer to the figure 2.

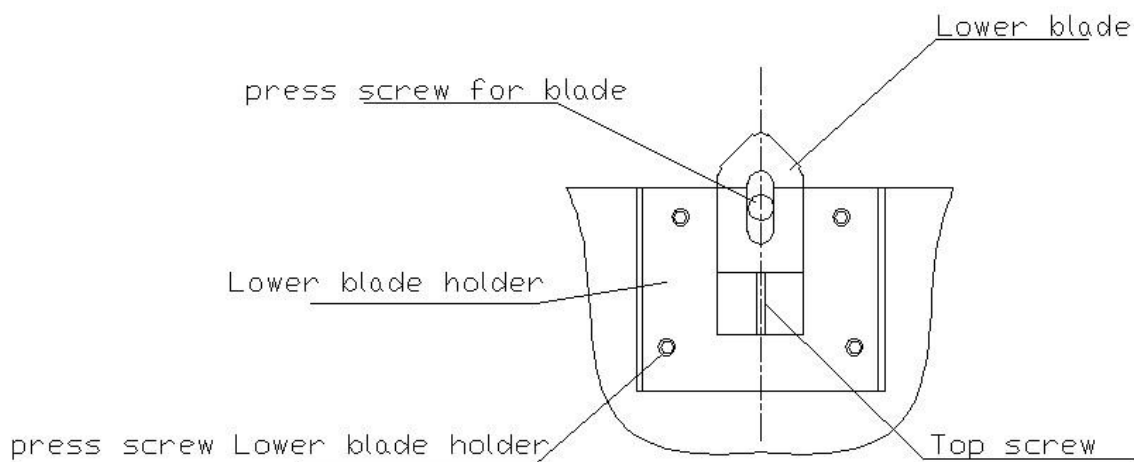


Figure2

4.2 You can adjust the locking screw upper the damper (No.8 in Figure 1) in order to have the main shaft keep balance in running and overcome the inheritance at stop for damper function. This screw can be adjusted for time but it shall not be too screw or tightened, or it will lock the main shaft, making it not to move.

4.3 Adjust side gauge

It is done only by loosening the screw behind it. Then you can move it random. Tighten it after it is well adjusted.

5. Lubricating

The lubricating points are pointing out in Figure 1. It needs to add grease every week.