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# C058

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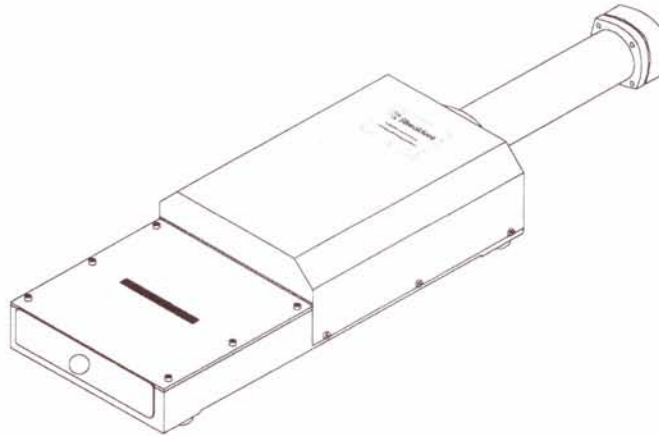
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## OPERATING INSTRUCTIONS

May 2000

Serial Number \_\_\_\_\_



## TABLE OF CONTENTS

|     |                                   |      |
|-----|-----------------------------------|------|
| 1.0 | GENERAL DESCRIPTION .....         | 1    |
| 2.0 | SETTING UP THE MACHINE .....      | 1    |
| 3.0 | OPERATION .....                   | 1    |
| 4.0 | CUTTING BLADE EXCHANGE .....      | 2, 3 |
| 5.0 | PREVENTIVE MAINTENANCE            |      |
| 5.1 | Daily .....                       | 4    |
| 5.2 | Quarterly .....                   | 4    |
| 6.0 | TECHNICAL SPECIFICATIONS .....    | 4    |
| 7.0 | PARTS LIST .....                  | 5    |
| 8.0 | ILLUSTRATED PARTS BREAKDOWN ..... | 6    |
| 9.0 | PNEUMATIC DIAGRAM .....           | 7    |

**Note:** Some machines may vary from pictorials and illustrations as shown.

## 1.0 GENERAL DESCRIPTION:

The Streckfuss model C058 is designed to cut the leads of loose radial components with lead diameters up to .100". The machine is supplied with a blank, unhardened shear plate at a thickness of .140". Custom hole patterns are quoted on a per order basis. The C058 utilizes heavy mass cutting blade drawn across the bottom surface of the shear plate to provide the cutting action. Components are hand fed into the machine with the leads extending through the appropriate hole pattern. Once the component is seated against the shear plate the foot pedal is depressed and the cutting blade is advanced cutting the leads evenly.

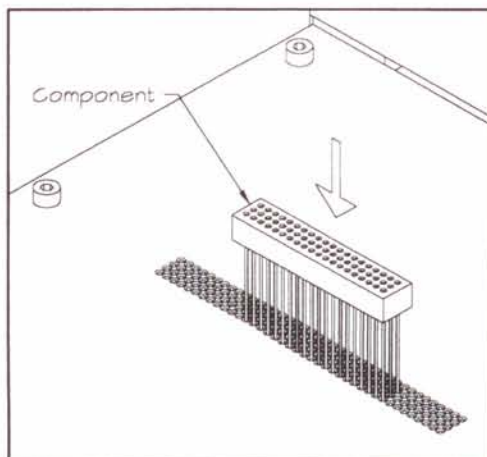
## 2.0 SETTING UP THE MACHINE:

1. Place the C058 on a suitable work surface with the foot pedal in a convenient location on the floor.
2. Connect one end of one of the PU-6 air hoses provided to the air fitting located at the front of the air cylinder and the other end to the top right port located on the back of the foot pedal.
3. Connect one end of one of the PU-6 air hoses provided to the air fitting located at the rear of the air cylinder and the other end to the top left port located on the back of the foot pedal.
4. Connect one end of one of the PU-6 air hoses provided to the bottom port located on the back of the foot pedal and the other end to a clean, dry air supply rated at 60 to 90 psi.

**Note:** Refer to the pneumatic diagram as needed for further instructions.

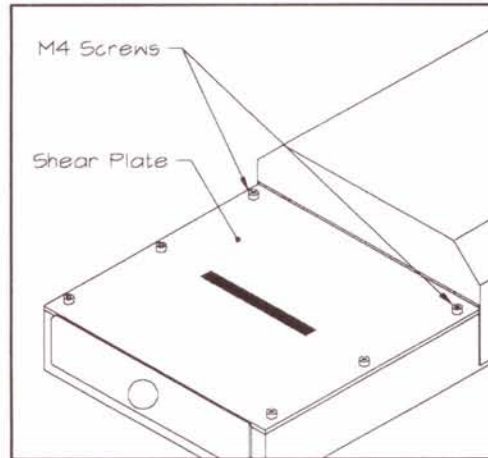
## 3.0 OPERATION:

1. Select a component to be cut and insert its leads into the appropriate hole pattern location on the shear plate. Insert the component until its body is fully seated against the shear plate.
2. Depress the foot pedal once and the cutting blade will advance cutting the leads evenly. Release the foot pedal and remove the component.

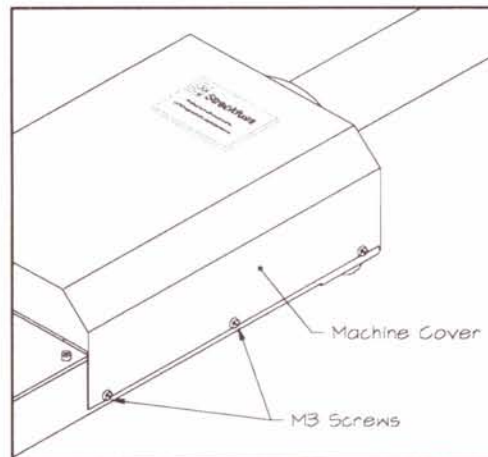


#### 4.0 CUTTING BLADE EXCHANGE:

1. Remove the six M4 screws securing the shear plate and remove the shear plate.

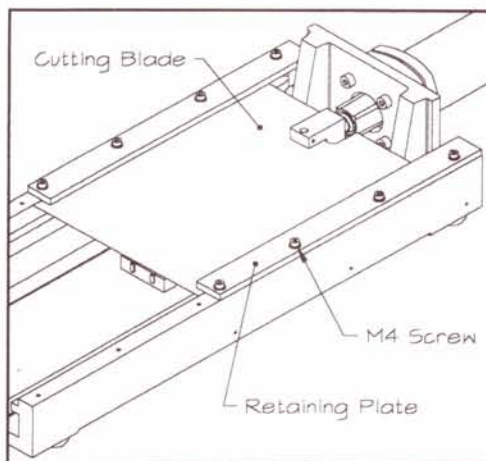


2. Remove the six M3 screws securing the machine cover and remove the cover.

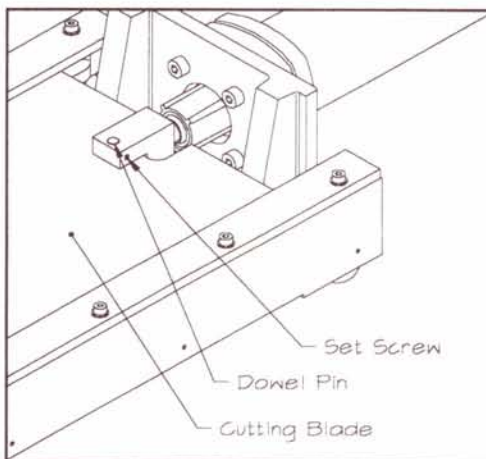


#### 4.0 CUTTING BLADE EXCHANGE:

3. Remove the eight M4 screws securing the two retaining plates and remove the plates.



3. Using a 2mm hex key loosen the set screw securing the dowel pin connecting the cutting blade to the coupling block.



4. Remove the old cutting blade by pushing it toward the front of the machine.
5. Install the new cutting blade, reconnect it to the coupling block using the dowel pin and tighten the set screw to secure the dowel pin.
6. Re-install the retaining plates, machine cover and shear plate.

**5.0 PREVENTIVE MAINTENANCE:**

5.1 Daily

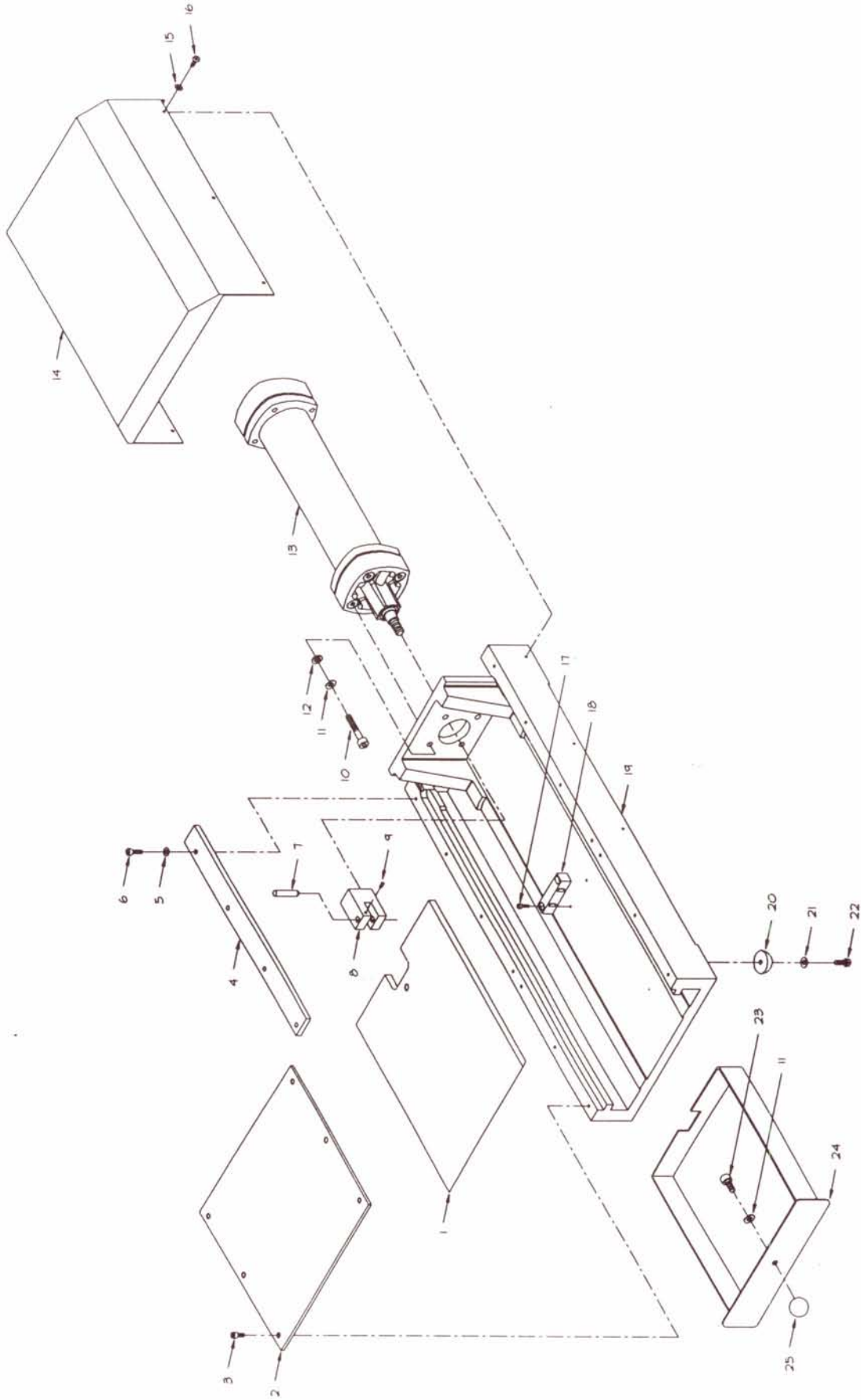
1. Clean any scrap leads or other debris from the machine using a brush or vacuum.
2. Apply a light coating of 10w oil to the top surface of the shear plate.

5.2 Quarterly

1. Clean any scrap leads or other debris from the machine using a brush or vacuum.
2. Remove the eight screws (Dwg. 40.0, Item 3) and the shear plate (Dwg. 40.0, Item 2).
3. Apply a small amount of a light weight grease to the machine casting (Dwg. 40.0, Item 19) where the cutting blade (Dwg. 40.0, Item 1) traverses.
4. Inspect the bottom surface of the shear plate and the cutting edge of the cutting blade for wear.
5. Apply a light coating of 10w oil to both surfaces of the shear plate and to the top surface of the cutting blade.
6. Re-install the shear plate and secure with the eight screws.

**6.0 TECHNICAL SPECIFICATIONS:**

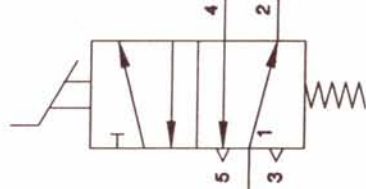
|                        |                                      |
|------------------------|--------------------------------------|
| Production Rate:       | 500 - 1000 pcs/hr                    |
| Machine Dimensions:    | 9.0" W x 30.0" L x 4.5" H            |
| Pneumatic Requirement: | 60 - 80 psi                          |
| Shear Plate:           | Blank & Unhardened @ .130" Thickness |
| Workable Area:         | 7.5" x 7.5"                          |



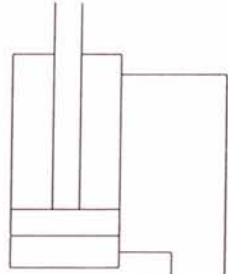
NOTES:  
 1. SOME ITEMS MAY BE REMOVED FOR CLARITY  
 2. SOME MODELS MAY VARY FROM ILLUSTRATION AS SHOWN

|   |                              |  |  |  |       |  |  |                                      |                                       |
|---|------------------------------|--|--|--|-------|--|--|--------------------------------------|---------------------------------------|
|  | PARTS IDENTIFICATION DRAWING |  |  |  | TITLE | MODEL NO. C056<br>DRAWN BY A. SPRINGER |  | DRAWING NO. 40.0<br>DATE 8/15<br>REV | SHEET<br>1/1<br><small>34-100</small> |
|   | Streckfuss USA, Inc.         |  |  |  |       |  |  |                                      |                                       |

FOOT PEDAL  
F-5-1/4-B

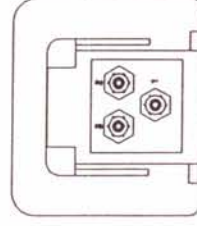


CYLINDER  
DC-50-200-PV



● SUPPLY RATED ● 60-90 PSI

FOOT PEDAL



NOTES:  
1. SOME MODELS MAY VARY FROM ILLUSTRATION AS SHOWN



**7.0 PARTS LIST:**

| Dwg # | Item # | Part Number | Description                             | Qty | Notes        |
|-------|--------|-------------|---|-----|--------------|
| 40.0  | 1      | T-C058-001  | Cutting Blade                           | 1   | <sup>1</sup> |
| 40.0  | 2      | T-C058-002  | Standard Shear Plate - Blank (3.5mm)    | 1   |              |
| 40.0  | 3      | P-C058-013  | DIN 912 4x8 Socket Head Cap Screw       | 6   |              |
| 40.0  | 4      | P-C058-002  | Retaining Plate                         | 2   |              |
| 40.0  | 5      | P-C058-014  | DIN 125 M4 Flat Washer                  | 8   |              |
| 40.0  | 6      | P-C058-008  | DIN 912 4x12 Socket Head Cap Screw      | 8   |              |
| 40.0  | 7      | P-C058-015  | DIN 6325H 6x30 Dowel Pin                | 1   |              |
| 40.0  | 8      | P-C058-001  | Coupling Block                          | 1   |              |
| 40.0  | 9      | P-C058-016  | DIN 913 3x8 Flat Point Socket Set Screw | 1   |              |
| 40.0  | 10     | P-C058-017  | DIN 912 6x35 Socket Head Cap Screw      | 4   |              |
| 40.0  | 11     | P-C058-018  | DIN 127-B M6 Lock Washer                | 5   |              |
| 40.0  | 12     | P-C058-019  | DIN 125 M6 Flat Washer                  | 4   |              |
| 40.0  | 13     | P-C058-003  | Cylinder (DC-50-200-PV)                 | 1   |              |
| 40.0  | 14     | P-C058-004  | Machine Cover                           | 1   |              |
| 40.0  | 15     | P-C058-026  | DIN 125 M3 Flat Washer                  | 6   |              |
| 40.0  | 16     | P-C058-020  | DIN 85 3x6 Pan Head Machine Screw       | 6   |              |
| 40.0  | 17     | P-C058-021  | DIN 912 3x12 Socket Head Cap Screw      | 2   |              |
| 40.0  | 18     | P-C058-007  | Scrap Tray Magnet                       | 2   |              |
| 40.0  | 19     | P-C058-022  | Machine Base Casting                    | 1   |              |
| 40.0  | 20     | P-C058-006  | Rubber Foot                             | 4   |              |
| 40.0  | 21     | P-C058-023  | DIN 125 M5 Flat Washer                  | 4   |              |
| 40.0  | 22     | P-C058-009  | DIN 85 5x12 Pan Head Machine Screw      | 4   |              |
| 40.0  | 23     | P-C058-024  | DIN 912 6x10 Socket Head Cap Screw      | 1   |              |
| 40.0  | 24     | P-C058-005  | Scrap Tray                              | 1   |              |
| 40.0  | 25     | P-C058-025  | Plastic Knob                            | 1   |              |
|       |        | P-C058-012  | Foot Guard (4500 FH)                    |     |              |
|       |        | P-C058-011  | Foot Pedal (F-5-¼B)                     |     |              |

<sup>1</sup> Denotes Recommended Spare Part