



SAFETY AND OPERATING INSTRUCTIONS
AIR POWERED CAN CRUSHER CA-3000/CA-3000T
M111

⚠ WARNING

**READ AND UNDERSTAND THIS MANUAL AND ALL INSTRUCTIONS
BEFORE OPERATING THIS OPENER.**

INTRODUCING THE EDLUND CA-3000 & CA-3000T CAN CRUSHERS

This manual will help you set up and safely operate your new Edlund CAN CRUSHER. Careful adherence to the safety and operating instructions in this manual will ensure many years of productive use.

Please let us know of any questions you may have. To expedite your call, please have your serial number and/or order number handy. For technical assistance, please call Toll-Free 1-800-772-2126 and one of our Technical Support Representatives will be happy to help you.

Conventions used in this manual

WARNING (ORANGE)

THIS INDICATES A POTENTIALLY HAZARDOUS SITUATION, WHICH, IF NOT AVOIDED, COULD RESULT IN DEATH OR SERIOUS INJURY.

CAUTION (YELLOW)

THIS INDICATES A POTENTIALLY HAZARDOUS SITUATION, WHICH, IF NOT AVOIDED, MAY RESULT IN MINOR OR MODERATE INJURY.

NOTICE!

THIS INFORMATION IS IMPORTANT IN THE PROPER USE OF YOUR OPENER. FAILURE TO FOLLOW THIS INSTRUCTION COULD RESULT IN DAMAGE TO YOUR OPENER.

Tip: This is a helpful hint to guide you in getting the most out of your Edlund CROWN PUNCH CAN OPENER.

Tools Needed: This indicates you will need a specific tool to perform a maintenance function on your Edlund CROWN PUNCH CAN OPENER.

NOTE: The information in these labels may be helpful to you.



MODEL CA-3000(T) CAN CRUSHER
PRESSURE=4CFM@85 PSIG MIN. 
(10.5 kg/cm² @ 0.6 MPa)
EDLUND CO. INC. PH# 802-862-9661
MADE IN U. S. A. 01/07
SERIAL NO. _____ L231

Installation: Install the extension chute with the two 1/4-20 x 3/8 hex screws, lock washers and flat washers. The extension chute's interlock must be angled into place before aligning the extension chute with the screw holes. This ensures contact with a switch necessary for activation of the device. Position the unit on a tabletop where it will be easy to put a trash container under the chute. The air pressure requirements are a minimum of 85 PSI, maximum 125 PSI. Continuous operation of 10 crushing cycles/minute will consume 8 to 10 CFM @ 85 PSI, requiring at least a 3 HP continuous duty compressor. **Dry, filtered air without lubrication is recommended.** A quick disconnect is supplied.

Operation:

1. With air line attached, open the door and place the can in the opening with the **opened end towards the chute.**
2. Close the door. Press and hold the activation button. The unit will build pressure until the can is crushed and drops out of the chute. Wait until the crushing ram returns (about 2 seconds after the crushed can falls out) before opening the door. If the door is opened or the button is no longer being held, all air pressure is dumped. If this occurs, closing the door and holding the button will restart the crushing cycle, and you will have to wait for the cycle to complete to open the door and put in another can.

Troubleshooting

Possible Cause

- | | |
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| 1. With air connected and door closed unit will not operate. | <ol style="list-style-type: none">a. Tab on door not actuating V008 valve. Adjust or replace.b. V025 pulse valve faulty. Check output and replace if necessary.c. V047 pressure sensor valve leaking or not resetting. Adjust with a gauge or replace.d. V048 valve sticking or leaking. Lubricate or replace.e. Cylinder sticking. Lubricate, repair, or replace.f. Chute extension interlock not actuating. Reposition chute to ensure contact with actuator. Replace valve if necessary. |
| 2. Can crushes but cylinder will not return. | <ol style="list-style-type: none">a. Insufficient air pressure (less than 85 PSI). Adjust output of compressor.b. V047 pressure sensing valve has no output and needs adjusting or replacement.c. V025 pulse valve leaking. Replace end plug if leaking or replace valve.d. V048 valve sticking. Lubricate or replace.e. Cylinder sticking. Lubricate, repair, or replace. |

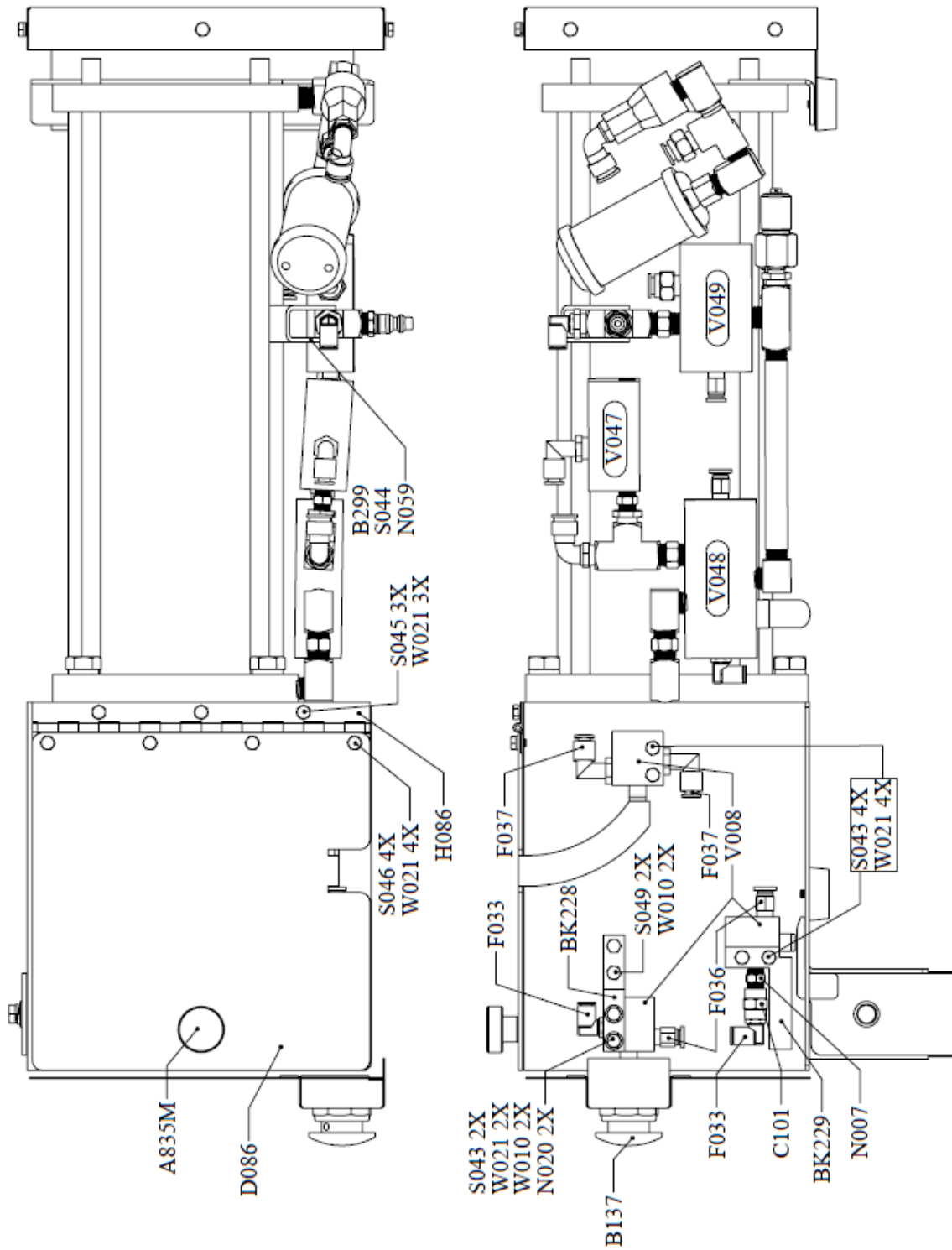
- 3. Air leakage
 - a. Loose hoses or fittings. Tighten or seal threads.
 - b. Worn cylinder or valve seals. Repair or replace.

Parts List Air Powered Can Crusher

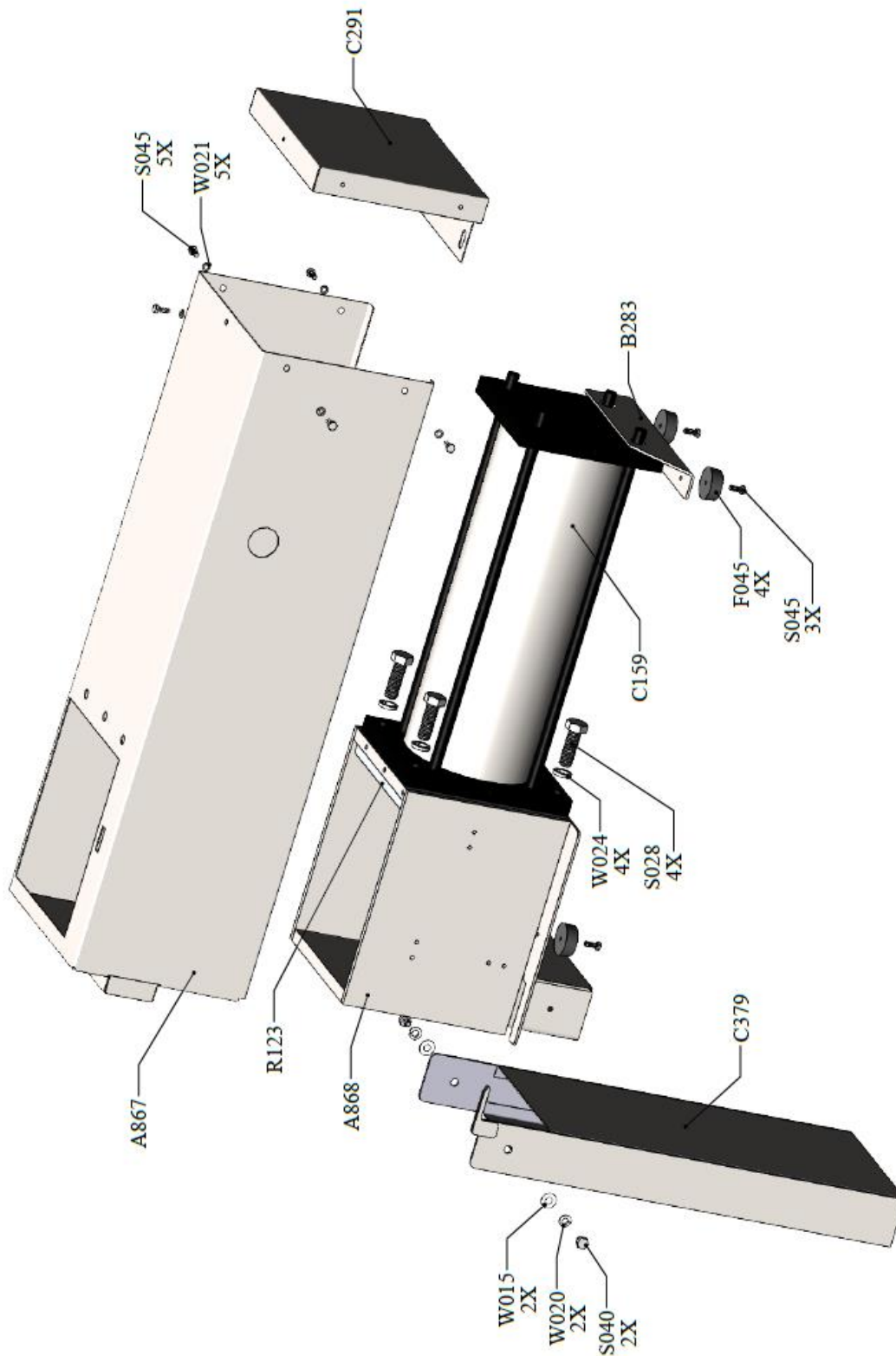
Item	Description
A835M	ASSEMBLY, CH-5000 KNOB W/SCREW CUTOFF
A867 (3000 ONLY)	WELDMENT, CA-3000 COVER
A867T (3000T ONLY)	WELDMENT, CA-3000T COVER
A868 (3000 ONLY)	WELDMENT, CA-3000 CRUSHER BOX
A868T (3000T ONLY)	WELDMENT, CA-3000T CRUSHER BOX
B132	BUSHING, REDUCTION, 1/4 TO 1/8 NPT
B137	BUTTON, GREEN MSHRM PUSH
B283	BRACKET, CA-3000 CYLINDER FOOT PAD
B299	BRACKET, CA3000 COUPLIN SUPPORT
BK228	VALVE BRACKET, CA-3000 & CA-3000T
BK229	GUIDE BRACKET, CA-3000 & CA-3000T
C101	COUPLING, 1/8 NPT BRASS
C103	COUPLING, AIR, #210-3003, 1/4" NPT MALE
C104	COUPLING, #210-3003, 1/4" FEMALE
C159 (3000 ONLY)	CYLINDER, STARCYL 5 X 6
C159L (3000T ONLY)	CYLINDER, MULTIPOWER #MP5X9-2-1FF
C291	COVER, CA-3000 REMOVABLE END
C379	CHUTE, CA-3000 EXTENSION
D086 (3000 ONLY)	DOOR, CA-3000 S/S
D086T (3000T ONLY)	DOOR, CA-3000T S/S
E003	ELBOW, 1/8 NPT BRASS
E004	ELBOW, 1/4 NPT BRASS STREET
E007	ELBOW, 1/4 NPT 90 MALE x FEMALE (VMI)
F009	FITTING, 1/4 NPT BRANCH T BRASS
F020	FITTING, 1/4 NPT BRASS TEE
F022 (3000 ONLY)	FITTING, 1/4"NPT BRASS ST T #3750X4 (VMI)
F033	FITTING, SHORT 1/4" OD PUSH-IN 90 DEG. SW
F036	FITTING, 1/4" OD PUSH-IN TO 1/8 NPT MALE
F037	FITTING, 90 DEG. 1/4"OD PUSH-IN TO 1/8" P
F045	FOOT, #625 MECH., BLACK
F050	FITTING, 3/8" OD PUSH-IN ELBOW TO 1/4 NPT
F051 (3000 ONLY)	FITTING, 3/8" OD PUSH-IN TO 1/4 NPT MALE
FT007 (3000T ONLY)	FITTING, 1/2"OD TUBEx1/4NPT ELBOW
H024 (3000T ONLY)	HOSE, 1/2" OD POLY TUBE
H027	HOSE, 3/8" OD CLEAR
H028	HOSE, 1/4" OD CLEAR
H086	HINGE, CA-3000 DOOR
L228	LABEL, READ MANUAL
L229	LABEL, CRUSH HAZARD
L231	LABEL, RATING/SERIAL #
M087	MUFFLER, 1/4" NPT CANNISTER 1.7/8" D.X4"
N001	NIPPLE, 1/4 NPT X 1" HEX HI PRES. STEEL
N003	NIPPLE, 1/4 NPT HEX
N007	NIPPLE, 1/8 NPT HEX
N020	NUT, 10-32 S/S HEX
N059	NUT, 10-32 S/S NYLOCK
N061	NIPPLE, 1/4" NPT BRASS X 6" LONG
R123	RAM, CA-3000 W/WELDED 3/4-16 STUD
S027 (3000T ONLY)	SCREW, 1/2-13 X 1-1/2 S/S HH
S028 (3000 ONLY)	SCREW, 1/2-13 x 1-1/2" S/S HEX HEAD
S040	SCREW, 1/4-20 X 3/8 S/S HEX
S043	SCREW, 10-32 X 1 S/S HEX HEAD

S044	SCREW, 10-32 X 1-1/4 S/S HEX HEAD (VMI)
S045	SCREW, 10-32 X 1/2 S/S HEX HEAD
S046	SCREW, 10-32 X 1/4 S/S HEX HEAD
S049	SCREW, 10-32 X 3/8 S/S HEX HEAD
S130	SILENCER, 1/4"
V008	VALVE, 3 WAYS
V013	VALVE, 1/4" QUICK EXHAUST
V025	VALVE, PULSE
V047	VALVE, AIR PRESSURE SENSING
V048	VALVE, 4-WAY DBL. AIR PILOT
V049	VALVE, 3-WAY DBL. AIR PILOT
W010	WASHER, #10 S/S FLAT
W015	WASHER, 1/4" S/S FLAT
W020	WASHER, 1/4" S/S LOCK
W021	WASHER, #10 S/S LOCK
W024	WASHER, 1/2" S/S LOCK

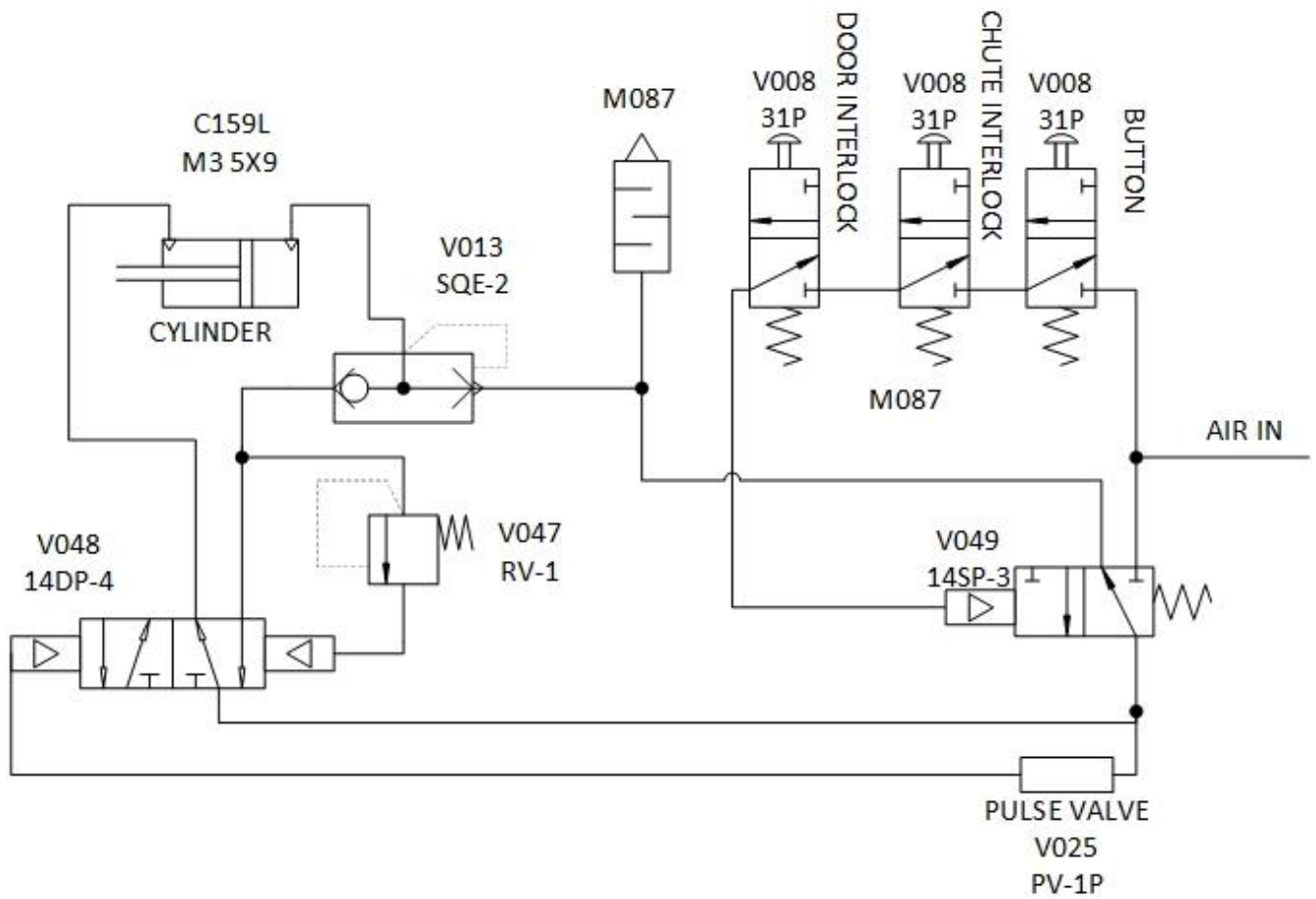
CA-3000 DIAGRAM



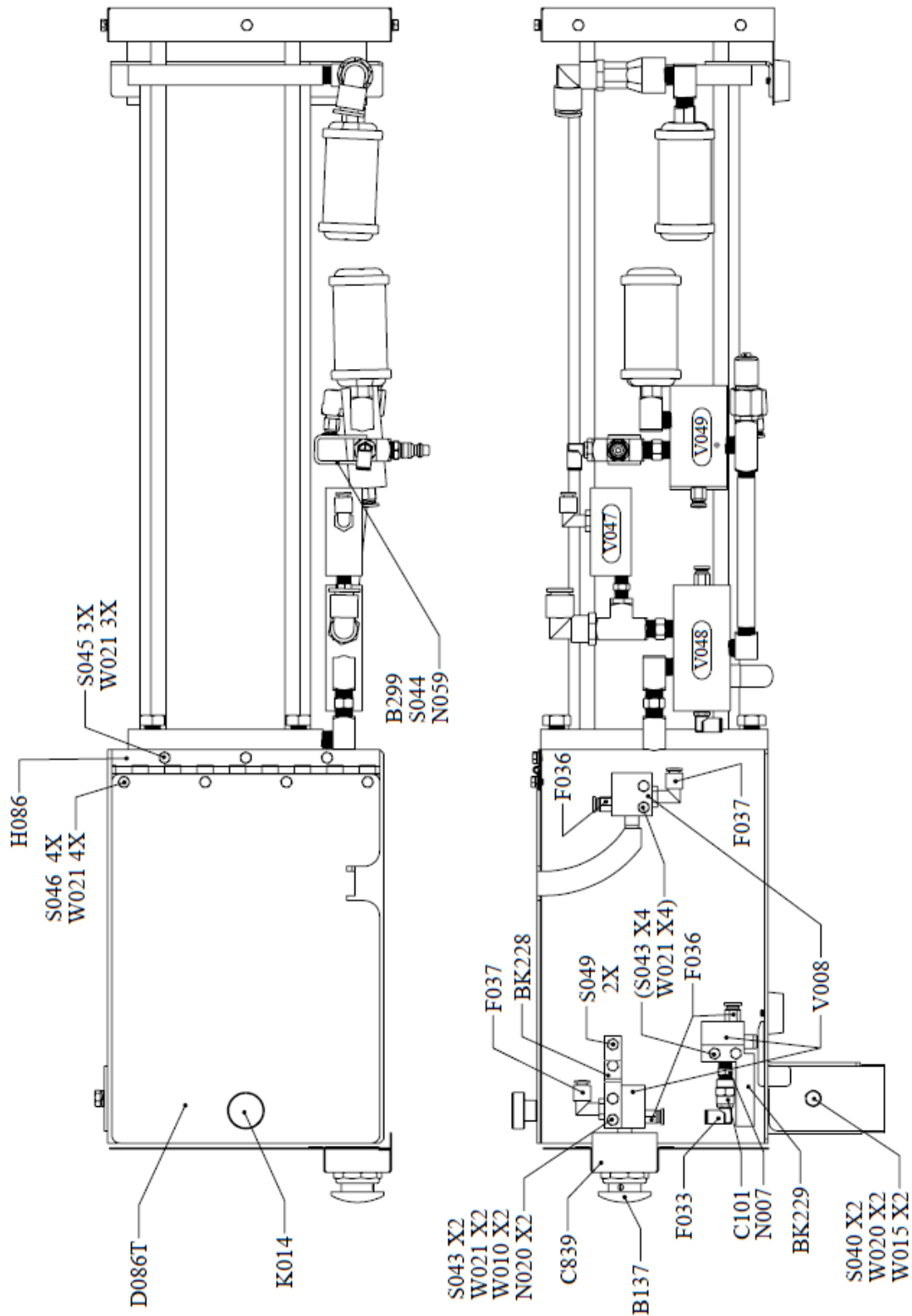
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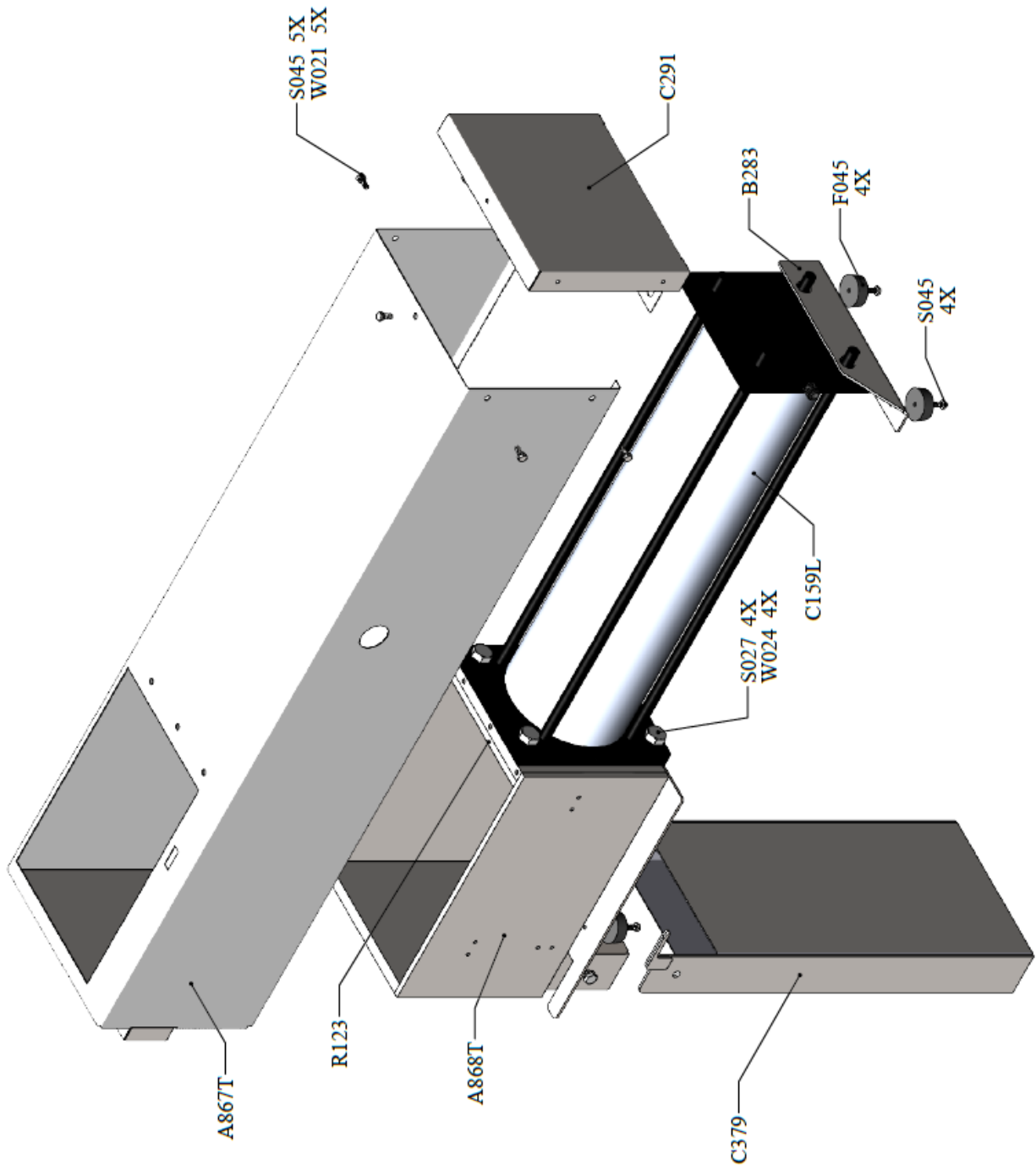
CA-3000 AIR LOGIC SCHEMATIC



CA-3000T DIAGRAM



CA-3000T DIAGRAM



CA-3000T AIR LOGIC SCHEMATIC

