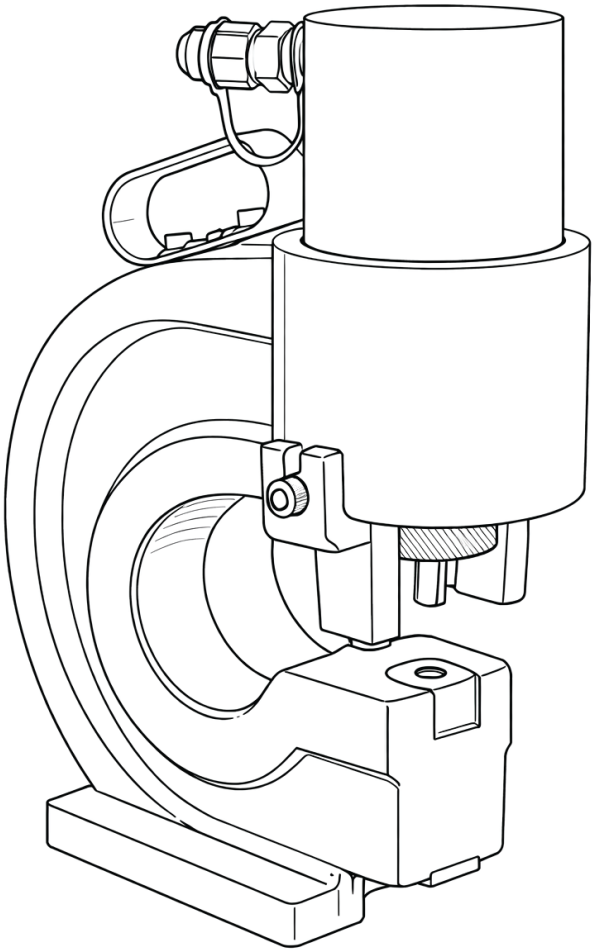
BARTON TOOLS

Instruction Manual

Hydraulic Busbar Punching



CH-70 & Ch-70L

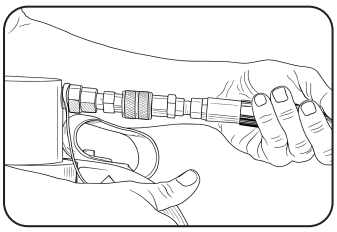
For your safety, please read and understand this instruction carefully before you use it. Please keep this instruction in good order. Please give the instruction to the new user when the product is changed.

Introduction

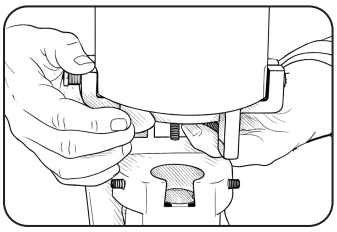
The CH-70 and CH-70L Hydraulic Busbar Punching Tools are designed to deliver high-efficiency and precise punching performance for industrial applications.

With a powerful 35-ton punching force, these tools are suitable for processing copper, aluminum, and steel materials. The compact yet robust design ensures durability, ease of operation, and consistent results in demanding environments.

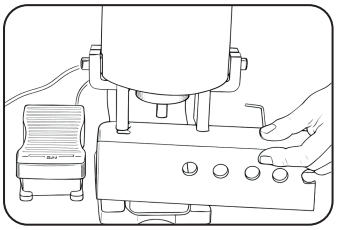
Operation Instructions



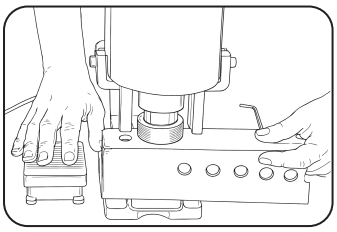
1. Connect the tool to a compatible hydraulic pump securely.



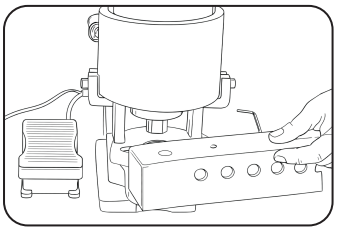
2. Install the appropriate die set according to the required hole size.



3. Position the material properly within the punching area.



4. Activate the hydraulic pump to begin punching operation.



5. Release the pressure after completing the punching process. Remove the material carefully and inspect the result.

Safety Precautions

- Read this manual before operating the tool.
- Always wear safety gloves and protective eyewear.
- Do not exceed the rated punching capacity.
- Keep hands away from punching area during operation.
- Ensure all hydraulic connections are properly secured.
- Do not operate in wet or hazardous environments.
- Release hydraulic pressure before maintenance.

⚠ WARNING ⚠

Risk of serious injury due to high pressure. Keep hands clear of moving parts. Do not exceed rated capacity. Always release pressure before maintenance.

Troubleshooting (Basic Guide)

Problem	Possible Cause	Solution
No punching force	Pump not connected	Check hydraulic connection
Weak performance	Low hydraulic pressure	Check pump and oil level
Uneven holes	Incorrect die installation	Reinstall die properly
Oil leakage	Loose connection/seal	Tighten or replace components

Maintenance

- Clean the tool after each use.
- Check hydraulic connections regularly.
- Inspect dies for wear or damage.
- Replace worn-out components immediately.
- Store in a clean and dry environment.
- Perform routine inspection for optimal performance.