

Troubleshooting Guide for Hydraulic Press-200

Coolant Leakage

Though less common, hydraulic presses can develop leaks due to deteriorating seals or hose cracks. If hydraulic fluid levels drop unexpectedly, inspect the system for leaks and replace any damaged seals. Ensuring that the hydraulic reservoir is properly maintained can help prevent such issues.

Overheating Motor

An overheating motor in a hydraulic press is often due to prolonged operation under high loads or inadequate cooling. If overheating occurs, check the hydraulic fluid levels and cooling mechanisms. Ensuring proper lubrication and monitoring pressure buildup can help in preventing motor burnout.

Tool Misalignment

Misalignment can result in inconsistent cuts and improper forming. Bolts securing the tooling might loosen with repeated use, so it's important to inspect them periodically. The hydraulic piston should also be checked to ensure it's moving smoothly. If misalignment is affecting production, using a dial indicator to realign tools could help restore precision.

Excessive Vibration

Shaking and rattling during operation can be caused by loose base anchoring, low hydraulic fluid levels, or an unbalanced workpiece. Hydraulic fluid should be checked regularly, as leaks or blockages can disrupt normal press operations. If vibrations persist, inspecting the motor mounting and torque settings may be necessary.

Additional Notes:

- Hydraulic pressure fluctuations are common in older machines. Keeping an eye on pressure readings and addressing drops early can prevent bigger failures.