

For anything outside of the scope of this document please contact Flowfit or a qualified hydraulic engineer. This is provided in good faith and without liability and does not form part of any contract.

General Safety Precautions

- Wear appropriate PPE such as gloves, safety goggles, and steel-toed boots.
- Check the pump, hoses, and connections for damage or wear before each use.
- Ensure the workspace is clean, dry, and free of obstructions.
- Only trained personnel should operate the hydraulic handpump.

Pre-Operational Checklist

1. Visual Inspection: Inspect the pump for cracks, leaks, or deformities. Examine hoses and connections for fraying, kinks, or leaks.
2. Fluids Levels: Check that hydraulic fluid levels are adequate and clean.
3. Pressure Settings: Verify that the pump's pressure settings match the requirements of the task.
4. Compatibility: Ensure the pump is compatible with the system or tools being used.

Safe Operation

1. Setup: Secure the pump on a stable surface to prevent tipping or shifting during use. Connect hoses and tools securely to avoid leaks or accidental disconnection.
2. Starting the Pump: Operate the pump handle slowly and steadily to build pressure. Monitor pressure gauges to avoid exceeding the system's rated capacity.
3. During Operation: Stand clear of hoses and connections under pressure. Avoid sudden or excessive force on the handle.
4. Shutting Down: Slowly release pressure through the pump's release valve. Disconnect tools and hoses carefully to prevent fluid spray or leaks.



Maintenance and Storage

- Routine Maintenance: Clean the pump and hoses after each use and replace damaged or worn components immediately.
- Storage: Store the pump in a clean, dry location away from direct sunlight and extreme temperatures.
- Hydraulic Fluid Management: Use only manufacturer-approved hydraulic fluid.

Emergency Procedures

- In Case of Leaks: Stop operation immediately, depressurize the system before attempting any repairs and do not use the pump until the leak is fully repaired.
- Equipment Failure: Cease use and inspect for the cause of failure or replace faulty components; do not attempt temporary fixes.
- Accidents and Injuries: Seek medical attention for injuries caused by hydraulic fluid exposure or equipment failure.

Warnings

- Never exceed the pump's rated pressure capacity.
- Do not modify the pump or use unauthorized accessories.
- Avoid using damaged or improperly maintained equipment.
- Hydraulic fluid can be hazardous; avoid skin or eye contact.



Following these safety guidelines ensures that hydraulic handpumps are used effectively and safely. Always prioritize safety by adhering to protocols and maintaining the equipment in optimal condition.