



Stucchi®

A CONSTANT FLOW OF SOLUTIONS

STUCCHI SOLUTIONS HYDRAULIC THUMB PLUMBING

OVERVIEW

Excavator operators switch attachments on demolition jobs to utilize the best tool for the job. Historically, there were gaps in available plumbing options when using a hydraulic thumb which were hard plumbed without quick release couplers. This made it difficult to prevent oil spillage when changing attachments and created safety and environmental issues.

CHALLENGE

The use of auxiliary quick release couplers is an improvement over hard plumbing, although issues still exist when using conventional coupling connections. When using a hydraulic hammer, the auxiliary couplers attached to hoses in a conventional straight line should be fine. When using the hydraulic thumb, however, this type of connection can be a real problem as the thumb attachment can come into contact with hydraulic hoses and literally snap them off.

SOLUTION

Many demolition contractors may not be aware that a better solution exists.

Stucchi developed a solution for plumbing the hydraulic thumb by incorporating a 45° adapter with our heavy duty quick coupler, the VEPHDL. This threaded, flat-face, heavy-duty coupler combined with the 45° adapter prevents the possibility of snapped lines. This plumbing solution keeps hydraulic hoses out of harm's way, while providing a much cleaner and safer operation.

The Stucchi Solution—adding a 45° adapter to our heavy duty VEPHDL Series keeps hydraulic hoses out of harm's way.

RESULTS

Stucchi's VEPHDL is designed to hold up in heavy-duty applications, with a threaded, locking connection. The flat-face design is easier to clean and prevents contamination to the environment and the hydraulic circuit.

Stucchi partners with one equipment dealer who plumbs all their hydraulic thumbs with the Stucchi solution to provide added value to their customers.

BENEFITS

Plumbing hydraulic thumb attachments with Stucchi's VEPHDL and the 45° adapter provides many benefits such as:

- Prevents operator injury from leaking, pressurized hydraulic fluid
- Prevents environmental contamination, fines and clean-up costs
- Prevents broken auxiliary hydraulic hoses, equipment damage and costly repairs

Oil & Gas

Mobile

Industrial

Agricultural