

CYLINDER REFURBISHMENT

Significant cost-savings can be achieved when refurbishing existing compressor cylinders versus buying new ones. With over 300 cumulative years of reciprocating compressor experience, ACI is simply the best source for reapplication, revamping or upgrading existing compressor equipment.

Efficient and proven design philosophies are incorporated into each reapplication, whether using new or refurbished equipment.

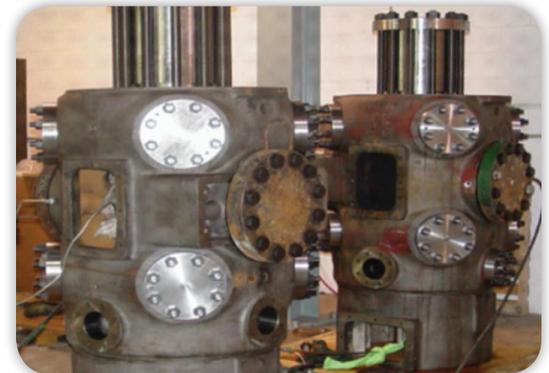
ACI conducts comprehensive performance evaluations using the powerful eRCM™ reciprocating compressor modeling software. Optimum cylinder selections are quickly identified that meet the project requirements. All selected equipment is chosen and designed to comply with OEM specifications.

Compression solutions are then developed based on a full evaluation of equipment availability versus optimum capability. This critical check is necessary since the actual desired cylinders may not be available, delivery times are too long, used cylinders may be the wrong bore size, or available cylinders are from a different OEM.

Reconditioned cylinders go through a thorough inspection, hydro-testing, and include new components when necessary. For example, cylinders may be lined with either slip-fit liners or interference-fit liners to achieve the most efficient bore size to meet project specifications. Cylinders may be equipped with ACI's state-of-the-art performance control devices. The end result is a refurbished cylinder that meets and exceeds customer expectations.



AVAILABLE USED CYLINDERS IDENTIFIED



REFURBISHING & HYDRO-TESTING CYLINDERS



REFURBISHED CYLINDERS IN USE

