Wärtsilä Hamworthy has been designing and manufacturing multi stage compressor applications for over 70 years.

During this time we have become established as a major supplier of medium and high pressure compressors to various marine vessels, offshore facilities and industrial applications worldwide.

Wärtsilä Hamworthy has developed an enviable reputation for reliable machinery, backed up by an efficient spares and service capability.

Our seismic compressors offer an integrated and compact solution to your high-pressure needs.

Wärtsilä Hamworthy seismic compressors feature a low lift concentric valve and generous inter-stage cooling to minimise the amount of absorbed power. This results in very high overall efficiency. Each machinery package includes a choice of drive, skid base and control system, and is engineered to suit your seismic requirements.

The low unit noise and vibration improves reliability and reduces interference with survey results. Flexibility in vessel utilization is available to contractors and operators via the containerised option.

Thanks to the easy access features and simple modular construction, it enables low and easy maintenance. A multiple unit control system provides local and remote operation of two or more compressors.
Wärtsilä supports its customers throughout the lifecycle of their installations by optimizing efficiency and performance. We offer expertise, proximity and responsiveness for all our customers in the most environmentally sound way.

Our Services & Support solutions range from basic support, installation and commissioning, performance optimization, upgrades and conversions to service projects and agreements focusing on overall equipment performance and asset management.

FUGRO GALAXY
M.V. Fugro Galaxy (pictured below) has been built to the highest standards demanded of a dedicated North Sea / International survey vessel. Wärtsilä Hamworthy supplied 4 x 185E high pressure seismic compressors to the vessel to enable high efficiency with low lift concentric valve and generous inter-stage cooling minimising the amount of absorbed power. The M.V. Fugro Galaxy is also capable of supporting larger seismic sources and longer streamers if required.

M.V. Fugro Galaxy (pictured above)

STANDARD FEATURES OF A WÄRTSILÄ HAMWORTHY SEISMIC COMPRESSOR
- Air pressure gauge and safety valve for each stage
- Oil pressure gauge and relief valve
- Suction filter and silencer
- Cooler drain valves
- Integral inter-stage and after coolers
- High efficiency low lift concentric valves at each stage
- Air delivery non-return valve
- Separator column

- Automatic cooler drainage and unloading systems
- High air temperature switch
- Low lubricating oil pressure switch
- Anti vibration mounting system
- Flexible hoses for all terminal points
- Integral SW/FW tube heat exchanger
- Cooling water flow/indicator switch
- Full control panel (including starter for electric motor driven units)

CORE COMPETENCES
- Product knowledge
- Skilled engineering resources
- Project management
- Lifecycle support
- Worldwide service and spares

- Capacities from 35 to 1600 cfm (60 - 2718 m³/hr)
- Working pressure 3000 psi g (207 bar)