

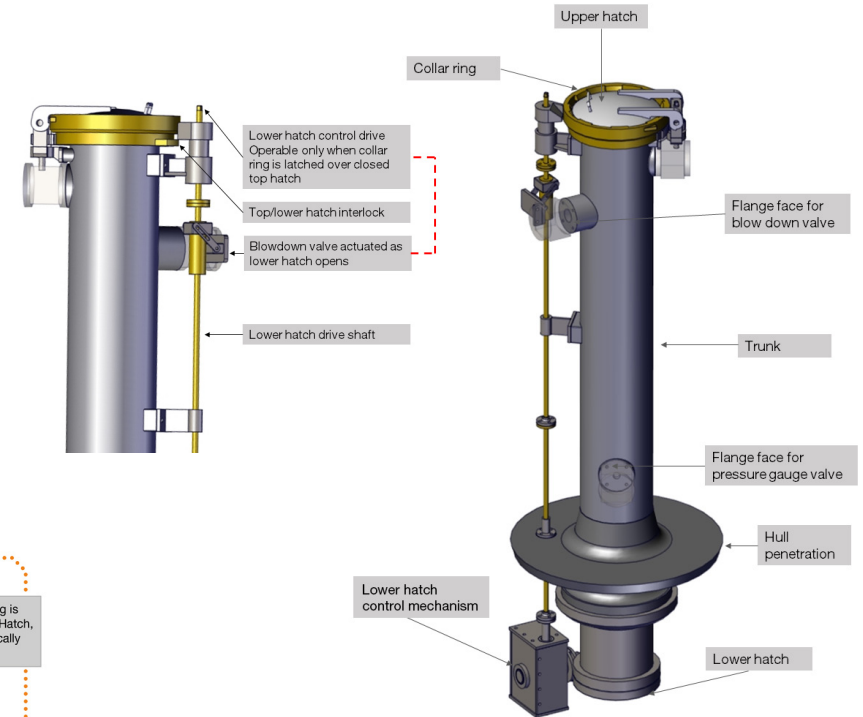
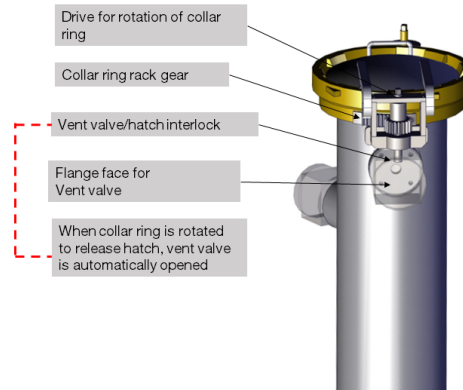
Garbage Disposal Unit



OVERVIEW

JFD can design and manufacture Garbage Disposal Units (GDU) for use onboard submarines to allow the discharge of waste overboard whilst operating at depth.

The GDU can be designed to either be welded directly into the hull or mounted to a hull penetrator via the ejection valve. The GDU is manufactured from high integrity high strength corrosion resistant materials to ensure it withstands the harsh underwater environment as well as shock and vibration qualification.



STANDARDS

The GDU features a safety interlocked valving arrangement to ensure the outer pressure boundary cannot be opened whilst the internal hatch is unlocked, and to prevent unintentional opening whilst pressure is still contained with the GDU to protect the operator.

The unit as standard is designed to meet MIL-STD-901D for shock and MIL-STD-167-1A for vibration qualification testing.

Designed and constructed to meet PD5500 pressure vessel code and with design approval and manufacturing survey under Lloyd's Register or DNVGL as standard.

