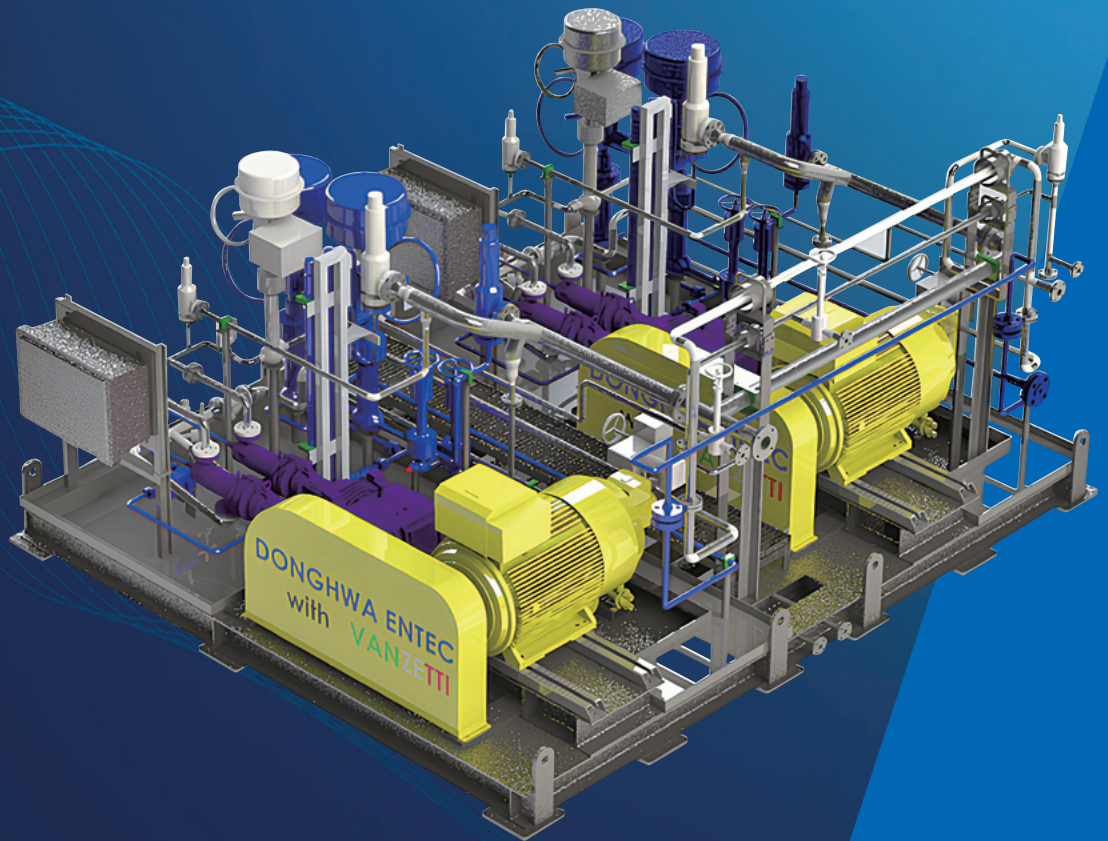


▶ **First Mover** for low carbon and green energy technologies

LNG HP PUMP PKG



LNG HP PUMP PKG

Donghwa Entec – Vanzetti Engineering High Pressure pump

Conducting R&D and boasting expert knowledge in cryogenic applications, Donghwa Entec, has been working on Liquefied Natural Gas for the marine field since 2006. Today the company is one of the most successful players in LNG Fuel Gas Systems for Marine applications. In recent years, the company has also approached High-Pressure LNG Fuel Gas Systems applications, aiming to become one of the market leaders in this domain as well.

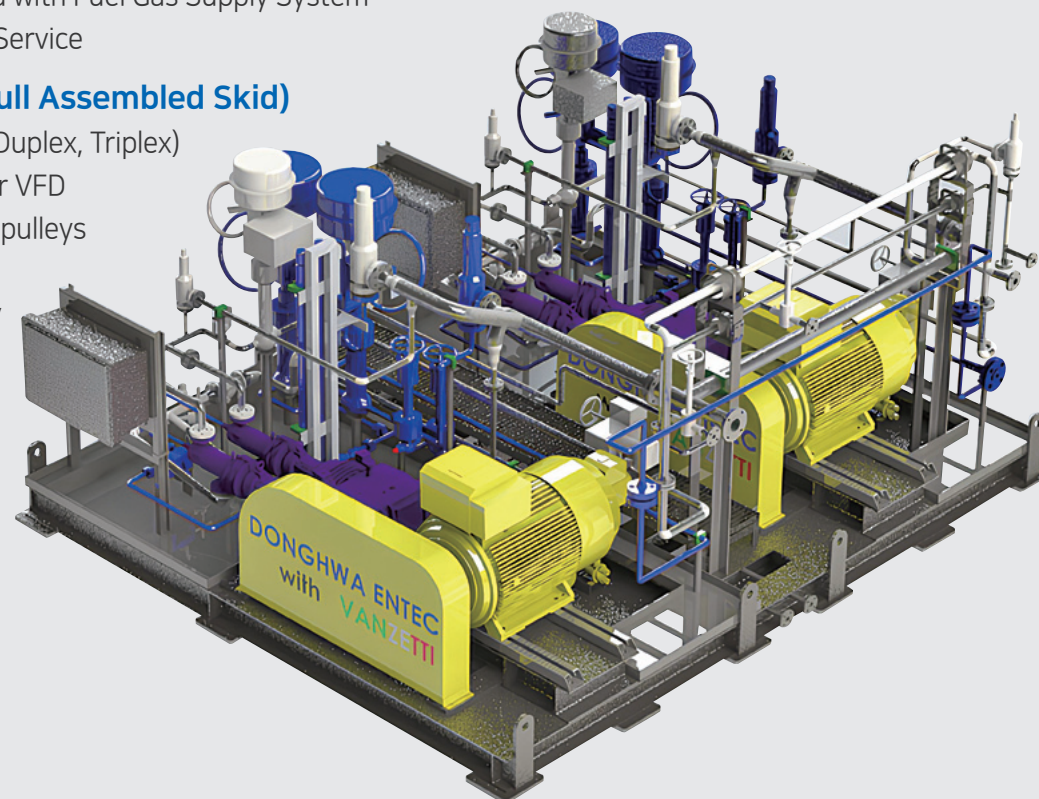
Reciprocating pumps can be supplied in simplex, duplex or triplex versions depending on the required flow rate, with a maximum pressure of 420 bar. These pumps can be assembled on skids class approved, with all the accessories such as sensors, instruments and valves for a safe and reliable pump control.

PRODUCT ADVANTAGE

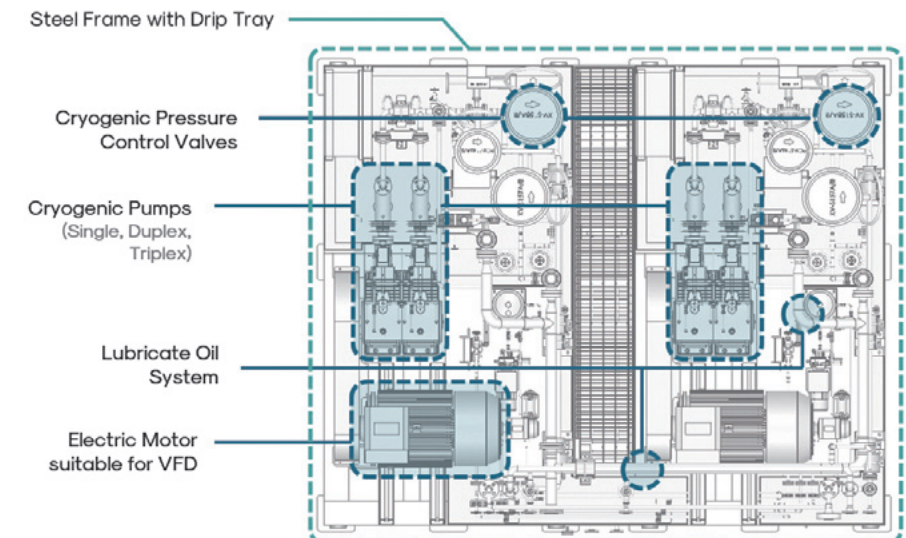
- Short Lead Time,
- Optimized HP Pump Skid with Fuel Gas Supply System
- One-Stop Maintenance Service

STANDARD SUPPLY (Full Assembled Skid)

- Cryogenic pump (Single, Duplex, Triplex)
- Electric motor suitable for VFD
- Transmission by belt and pulleys or gearbox and couplings
- Steel frame with drip tray
- Double pulsation damper

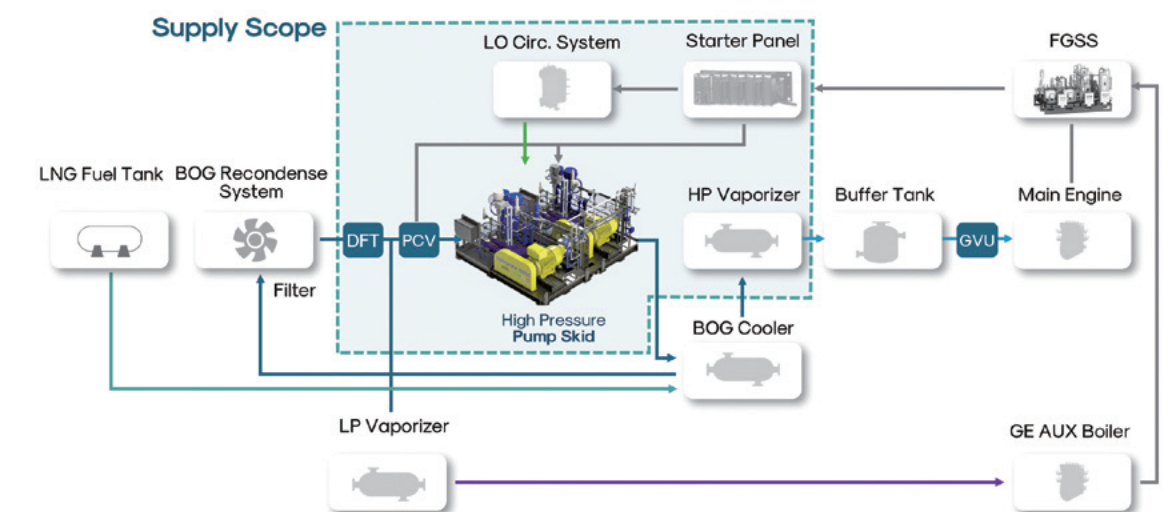


SUPPLY SCOPE



TECHNICAL FEATURES

- Modular assembly
- High efficiency
- Motor suitable for inverter/VFD use
- Low operating noise
- Aval. with gearbox or belt-pulley configuration
- Quick maintenance to the integrated cartridge seal system



CAPACITY

HP Pump Model	Simplex HP Pump	Duplex HP Pump	Triplex HP Pump
HP Pump Model			
Flow Rate (M³/h)	Min. 1.2 ~ Max. 3.0	Min. 2.4 ~ Max. 6.0	Min. 3.6 ~ Max. 9.0
Max. Allowable Suction / Working Pressure	20 bar / 420 bar		
Power Installed	37 ~ 90 kW	45 ~ 110 kW	75 ~ 160 kW
Vessel Type	PCTC, Oil Tanker, Bulk Carrier, Container		
Performance			

First Mover for low carbon and green energy technologies

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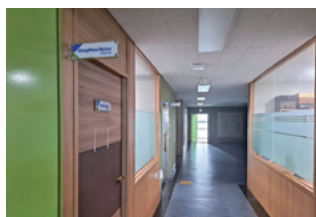
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