

CLIENT REFERENCE/PROJECT <i>Cliente/Nome del progetto</i>	Vapor Gas Equipments Ltd/Heat Ranger Ltd – Protect from frosts some of the top red wines in the world/Proteggere dalle gelate alcuni tra i migliori vini rossi al mondo
PLACE/Luogo	New Zealand / destination France
YEAR/Anno	2021
FLUID/Fluido	LPG
PRODUCT USED/Prodotto utilizzato	Water bath feed-out vaporizer Vapeg 200 kg/h hot water/ <i>Vaporizzatore feed-out Vapeg ad acqua calda 200 kg/h</i>
DESCRIPTION/Descrizione	Water bath feed-out vaporizer Vapeg hot water 200 kg/h integrated on heating machines. <i>Vaporizzatore feed-out Vapeg ad acqua calda 200 kg/h integrato su macchine riscaldanti.</i>
STANDARD	2014/68/EU PED



Early stages of base frame assembly in Cook & Galloway's Workshop in Belfast place Frankton.



Once the wheel sets from TWL go on the frame is moved to Bentech Electronics at 4 King Street to have the very sophisticated electronics installed that enables us to monitor the machines activities in real time anywhere in the world. We also have Aflame fitting the gas and setting up the **vaporizers VAPEG model supplied by Vapor Gas in Auckland brought in from Pegoraro Gas Technologies Italy.**



Re purposed Subaru Engines are sourced through Mark at Subwrecks and The Flamingbodyshop in Mahana Rd brings them up like new ready for Collins Automotive to do the electrical wiring. Monteith & Parker supplied new alloy radiators and Wholesale and Industrial across the road add the hoses and clamps.



While Chris from Frankton Mufflers and Brakes managed to tailor the exhaust piping round everything else. Thorburn Engineering did some very smart Stainless steel brackets and made the water cooled heat exchangers on our engine exhaust systems that help to vaporize the lpg gas that we need to run the 12,00kW burner that heats the air. The Burner is tailor made for us by Stainless Design in Pukete. By the 8th October we had the bases complete, sand blasted and powder coated with a very fast turnaround thanks to Jason and his team at Hamilton Industrial Powder Coating Ltd, also in Belfast place. With engines, gas plumbing and 75% of the electrical stuff done, we were ready to load for Christchurch.

Thank goodness our truckies were able to operate during lockdown. Quinten who drives for Vowles Transport loaded Friday afternoon and delivered a perfect load to WymaSolutions in Foremans Rd, Hornby, at sparrows fart on the Monday. Unloading went well & it was all hands to the pump. The superstructures and the fibre glass cladding from Composite Group in Dwyer's Rd were added at WymaSolutions Factor.



Tuning the engines to run on LPG, adding the upper electronics and final gas fitting and engine running with the fans and burners all having to be put in place in just 4 weeks. Aaron from Blueflame gas and Chris from Wirelink were onsite supporting the Wyma team compress 8 weeks of work into 4, simple things such as a missing O ring and extra clamps and engine tuning and countless adjustments were huge. We went through 8x45kg bottles of liquid gas in 4 days just testing the machines. People like of Steve Lousich from Elgas, Fraser from M45 Automotive, helped make things happen and the team led by Michael at Wyma have been just awesome.

