

LFC100H/SF Foam concrete backfill equipment



◆ Product Description

The LFC100H/SF Foam concrete backfill equipment is a skid-mounted foam concrete grouting equipment, suitable for civil engineering, tunnel engineering, void filling, offshore/onshore grouting and low-strength backfill projects.

This unit is designed to receive pre-mixed 50:50 mortar delivered by concrete mixer trucks. The grout material is directly discharged into the equipment's integrated receiving hopper equipped with a mechanical agitator. Afterwards, pre-fabricated foam is injected on-line into the grout stream by the equipment to produce finished foam concrete.

The complete set of equipment features compact dimensions for easy transportation and storage, and can be loaded into a standard 20-foot container. It is mounted on a heavy-duty steel skid frame with integrated jacking legs and wheels to facilitate on-site positioning and relocation.

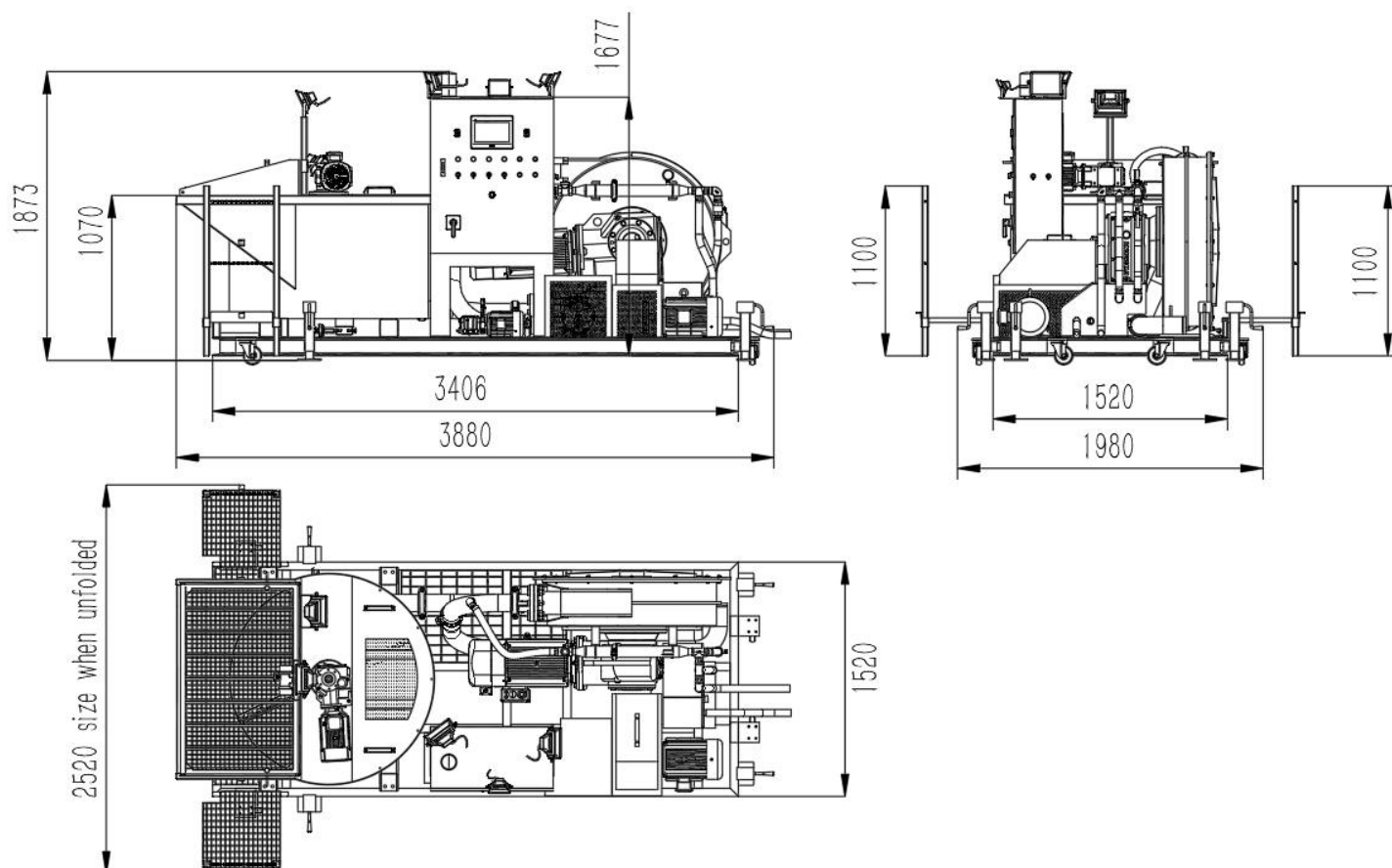
◆ Product Feature

1. Electrical drive with a Siemens frequency inverter.
2. Adopts an in-line foam injection system inside the pipeline, eliminating the need for full-slurry on-site mixing by equipment.
3. Wide adjustable range for density and strength.
4. Excellent construction performance: The finished product is self-levelling and self-compacting; no vibration compaction required.
5. The Siemens control system can control and monitor the entire production process of foam concrete.

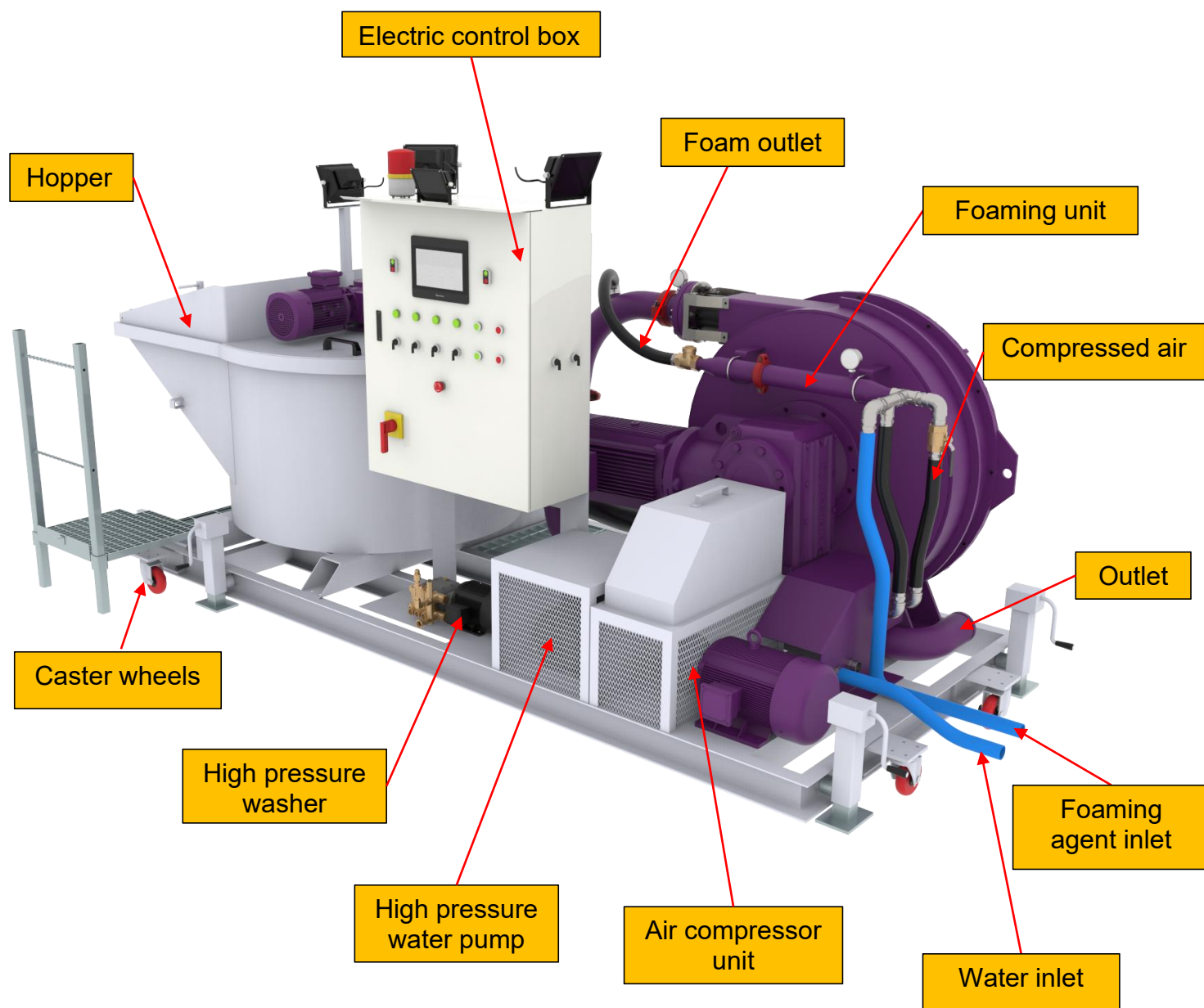
◆ Product Specification

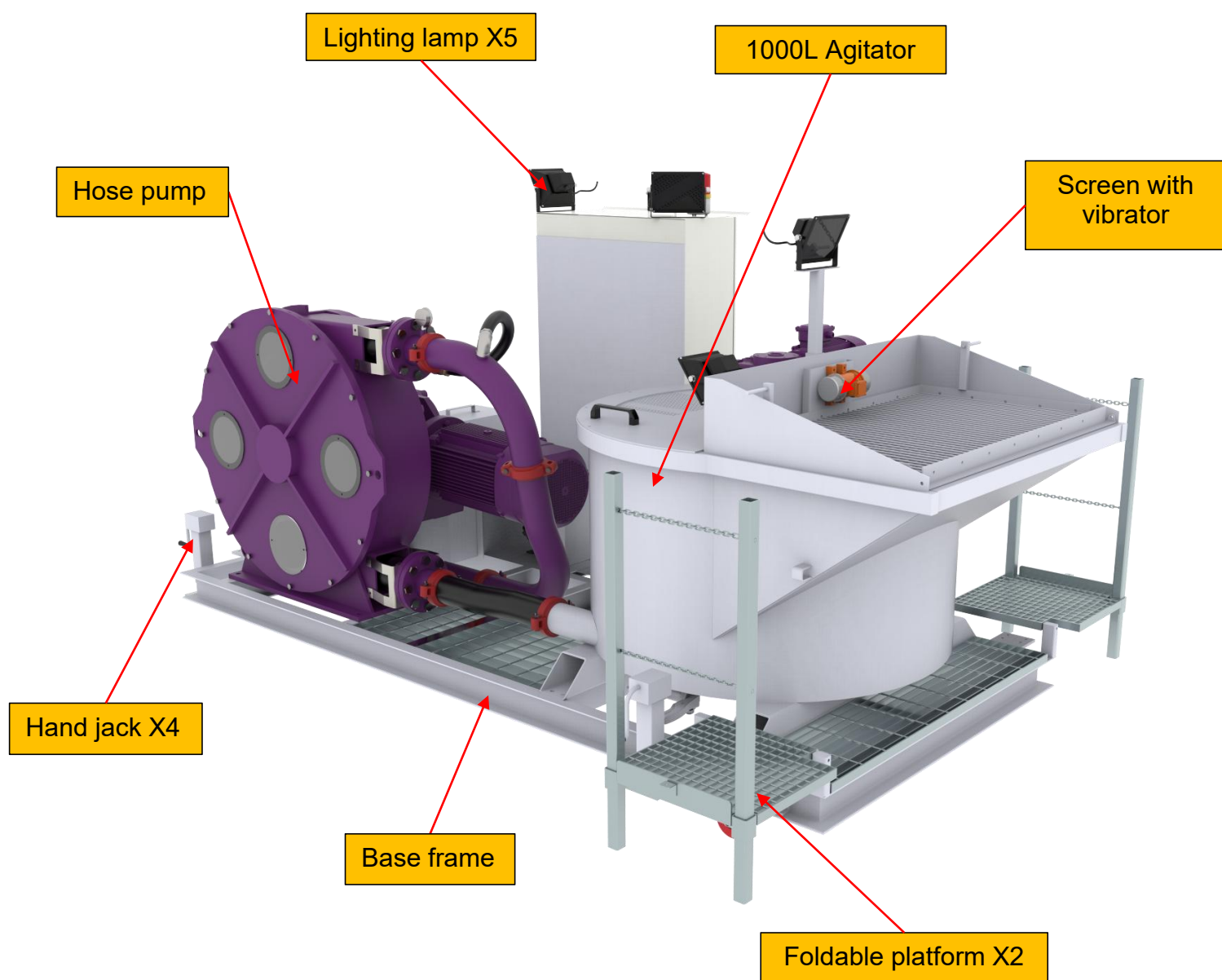
Name		Data	
Model		LFC100H/SF	
Hose pump		Power	22KW
		Speed	Max. 43rpm with VFD
		Output	Max. 40m3/h
		Pressure	1.0Mpa
Agitator		Volume	1000L
		Power	3KW
		Speed	Max. 45rpm with VFD
Foam generator		Output	50m3/h
Power supply		AC 380V, 3phase, 50Hz	
Dimensions in mm	Length	3880mm	
	Width	1980mm	
	Height	1873mm	
Weight in kg		1750kg	
We could also customize according to your demands.			

◆ Dimension



◆ Detail Part







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