

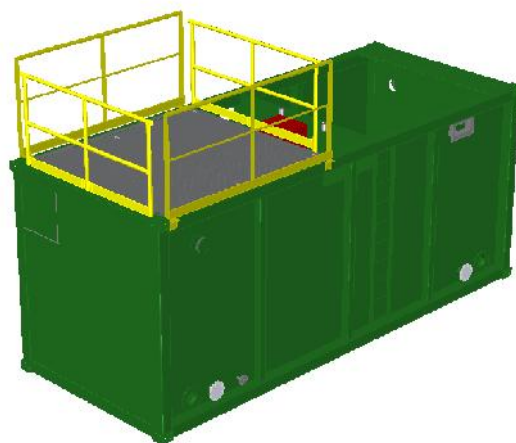
ELECTROLYTE MIXING SYSTEM

The electrolyte mixing system is a purpose built 20' container-sized tank for the mixing of electrolyte with dosing pump. The system incorporates a 24m³ capacity steel mixing and holding tank with vertical sides, 1 No. centrally mounted vertical shaft, electrically driven agitator with a 4kW motor, low level outlets on each side and electrical control panel with a 15m power cable.

The mixing tank incorporates a platform complete with handrails to ensure all sides are safely enclosed. This platform offers access to the agitator bridge to allow essential inspection and maintenance tasks to be performed.

The unit has a heavy duty hollow section frame with ISO corner castings and can be handled and transported as a standard type 1CC freight container. The overall transport size of the system is 6058x2438x2591mm high.

A peristaltic pump of appropriate size and displacement capability to suit the ground conditions and selected centrifuge, is supplied with the electrolyte tank. This pump is supplied complete with suction and delivery hoses with Bauer connections.



TECHNICAL DATA:

Electrical:	The unit is fitted with 1 No. vertical shaft agitator driven by a 4kW electric motor and requires power at 415V, 50Hz, 3-phase and earth. The unit is supplied with a 15m power cable. It is recommended that a generator of at least 30kVA capacity be used to run this unit. Power consumption is as follows:	
	Starting current:	42A
	Running current:	7A
Dimensions:	For transit:	6058x2438x2591mm high.
	For work:	8500x2438x2591mm high, including pump
Weight:	Dry for transit:	12 Tonnes.
	In use:	42 Tonnes.
Pipework:	Inlet:	4" female Bauer connection
	Outlets:	2 No. low level 4" valved Victaulic outlets.
Capacities:	Storage capacity:	Up to 24m ³ .
Noise emissions:		60dB at 5m