

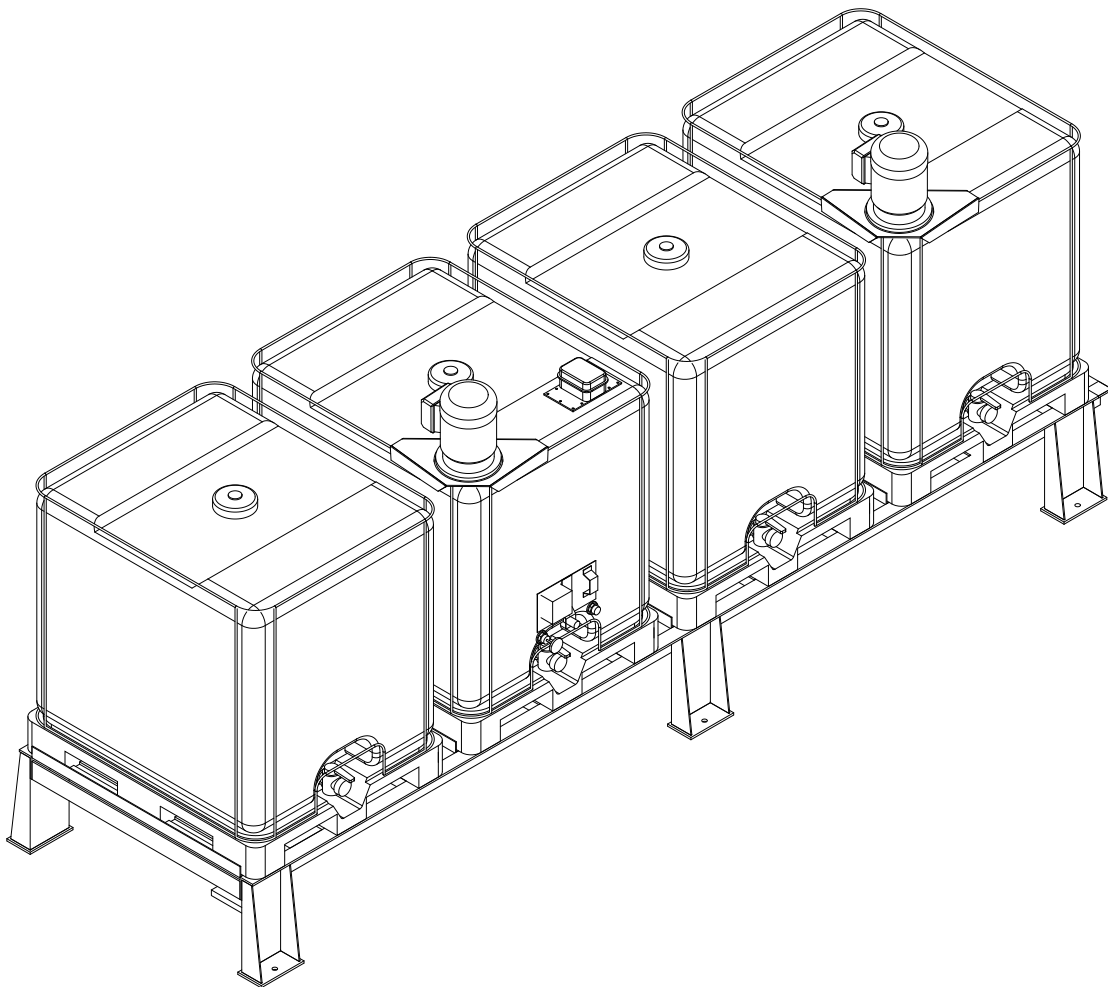
DenimoTech
the road ahead



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CST - 4

DENIMOTECH CHEMICAL STORAGE TANK



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Introduction

About DenimoTECH A/S

DENIMOTECH is a global manufacturer of high quality equipment for modification and emulsification of bitumen, with a network of distributors worldwide focusing on helping our customers to be successful.



DENIMOTECH is a private company focused on generating value for the petroleum, refining and power industries by leveraging their emulsion and industry expertise. With more than 35 years of manufacturing expertise in the industry, DENIMOTECH is the world's most renowned brand for Bitumen Emulsion Technology and Polymer Modified Bitumen Technology. Over the years, DENIMOTECH has extended its manufacturing capabilities and sphere to fully integrated turnkey solutions for the bitumen industry.

DENIMOTECH is a worldwide supplier of PMB and Emulsion Technology

For over a decade DENIMOTECH's mission has been to provide both the global road-construction industry and oil companies with bitumen emulsion- and bitumen modification technology, innovation and expertise to produce highly stable products for building high performance roads that last, while minimizing the impact on the environment.

Scope

The scope of this specification is to give a detailed technical description of DENIMOTECH CRMB plants. When partnering up with DENIMOTECH innumerable possibilities are offered. We are always tailoring the plants according to our customers' needs. This specification covers the most common details and options. For further details or inquiries, please contact DENIMOTECH directly.



DENIMOTECH is a strong partner. We make sure that our customers get exactly what they need.

General Description

General

The DENIMOTECH Chemical Storage Tank CST-4 includes 4 tanks for storage of 2 emulsifiers, stabilizer and acid. The tanks are fully equipped and prepared for immediate installation and use with the DEP-INLINE plants.

Specification

Tanks	
Tank capacity	4 X 1000 l
Tank material	UV- stabilized polyethylene 6-8 mm
Chemical resistance	37% HCl, 25% CaCl ₂ , amines
Temperature resistance	60°C
Fitments	
Top	1pc. Manhole for filling
Outlet	DN32 Ball valve
Agitators	1 pc. 0,75 KW agitator installed from top of tank in stabilizer and heated emulsifier tank. ON/OFF control from control panel. Automatic OFF when low level.
Heating	1 pc. stainless steel heating element consisting of 2 x 1450 W, 1,5 W/cm ² , installed from top in one insulated emulsifier tank. Thermostat and ON/OFF control from control panel. Automatic ON/OFF when low level.
Insulation	Only on heated emulsifier tank. 30 mm removable insulation on top and all 4 sides of the tank.

Level marking	30 mm high lettering on Emulsifier 1 and 2, Stabiliser and Acid.
Control panel	Common panel in IP-55 box
Mounting connections	
Mounting	Galvanised steel frame for tanks to be finally connected on site.
Dimension	Approx. L = 5,0m. H = 1,8m, W = 1,5m
Shipping weight	Approx. 1,000 kg.
Electrical data:	6 kW, 3*400 V + N + PE, 50 Hz.
Pipe connection to emulsion plant	PVC pipe, DN20, for acid and Stabiliser. 1" galvanised steel pipe for emulsifier