

Installation for mixing and pumping lacquer



Operating description:



Transferring the contents of an IBC tank to an intermediate tank with a capacity of up to 250 l/min



Mixing without the risk of foaming the liquid



Automatic dosing to daily tanks according to demand



Notify the operator when there is less than 300 liters of paint left in the intermediate tank



The installation is used **to collect various varnishes** from IBC tanks, transport them to intermediate **tanks** with **automated control** of the medium volume, where they are **mixed** and then automatically **pumped** to daily **tanks** as needed.

Volume control in all tanks is based **on a radar sensor**.

The storage tank is additionally equipped with extreme **vibration level sensors** that switch off the agitator (MIN level) or the liquid supply (MAX level).

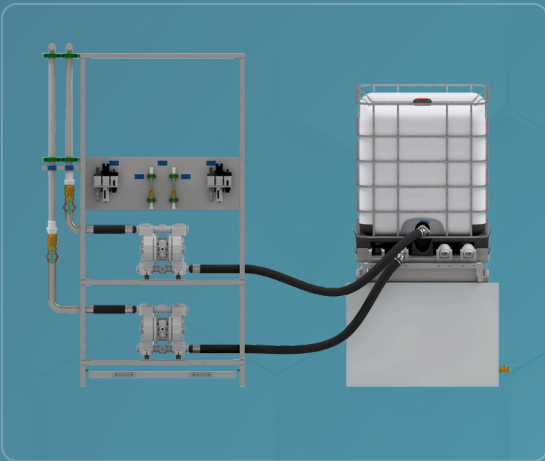
The volume of the contents in each tank can be checked on the **HMI panel**.

On the day tank side, there are **control columns** for basic functions.

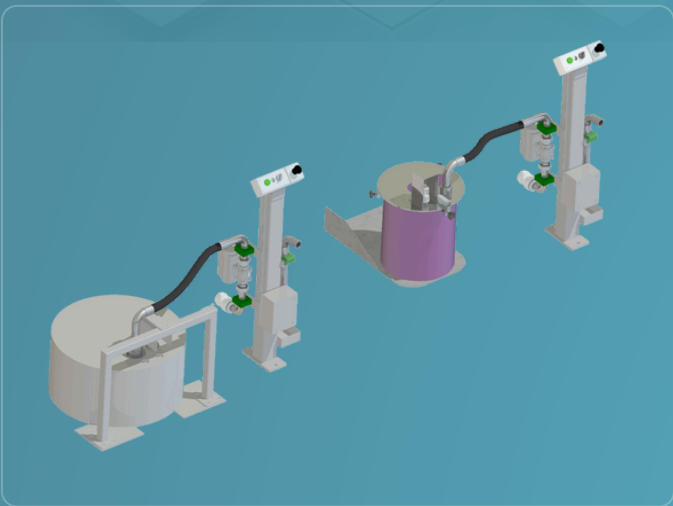


Device construction

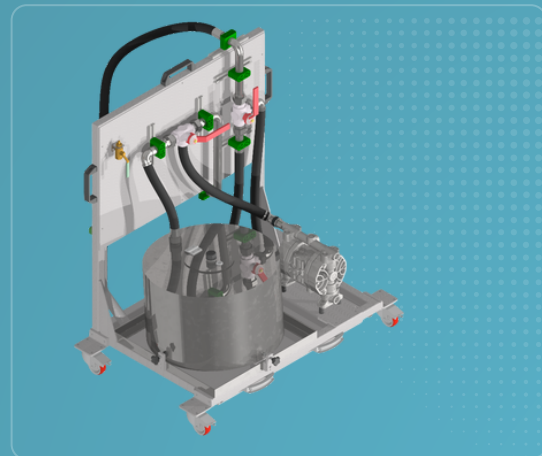
IBC unloading station



Storage and mixing station



Daily tanks



Wastewater removal system

Technical specification	
Electrical power supply	400V AC 50Hz
Installed capacity	1,75 kW
Compressed air supply	0,55 - 0,8 MPa
Dimensions	IBC station: 1525 x 375 x 2500 mm Storage and mixing station: 1920 x 1860 x 2500 mm Day tank posts: 280 x 370 x 1020 mm Wastewater removal system: 1150 x 750 x 1200 mm

- ✔ The liquid in the tank is always mixed, ready for application, without the risk of foaming
- ✔ Automatic dosing to each daily tank
- ✔ Inability to transfer liquid due to operator error
- ✔ Control of basic functions in an easily accessible location
- ✔ Medium level control with an accuracy of 10L in a 1500L tank
- ✔ Possibility of removing beakers after the device cleaning process

