

HF-PB/R

Storage and process tanks

Safe handling of chemicals and aggressive media

As a recognised specialist operating according to the "German Federal Water Act (WHG)", HLU plans, designs, manufactures and assembles HLU plastic tanks as standard or customised products.

The legislator has laid down strict environmental regulations and laws for the handling of chemicals and aggressive media for so-called LAU installations (installations for storage, filling and handling) and so-called HBV installations (installations for production, treatment and usage).

Depending on operating conditions, cylindrical or rectangular tanks are used with a flat or conical roof and flat, sloping or cone bottoms. Individual installations and extensions such as agitator crossbeams, cascade dividers, pumps or internal piping systems are designed and extended for the application in question. Our portfolio includes not only tank construction but also individual steel constructions as well as pipeline construction.



In cooperation with TÜV Rheinland, planning permits and approvals can be granted in our production plant as well as directly on the installation site.

Our manufacturing and installation personnel consists of TÜV-approved plastic welders who are in action both nationwide and worldwide.

Materials

Depending on the exposure to chemical and physical loads, the thermoplastics PP, PPs, PE or PVDF are used. In potentially explosive areas, electrically conductive plastics such as PPs-el are used.

Tanks for higher temperature or pressure loads are produced as reinforced versions with glass fibre composites.

