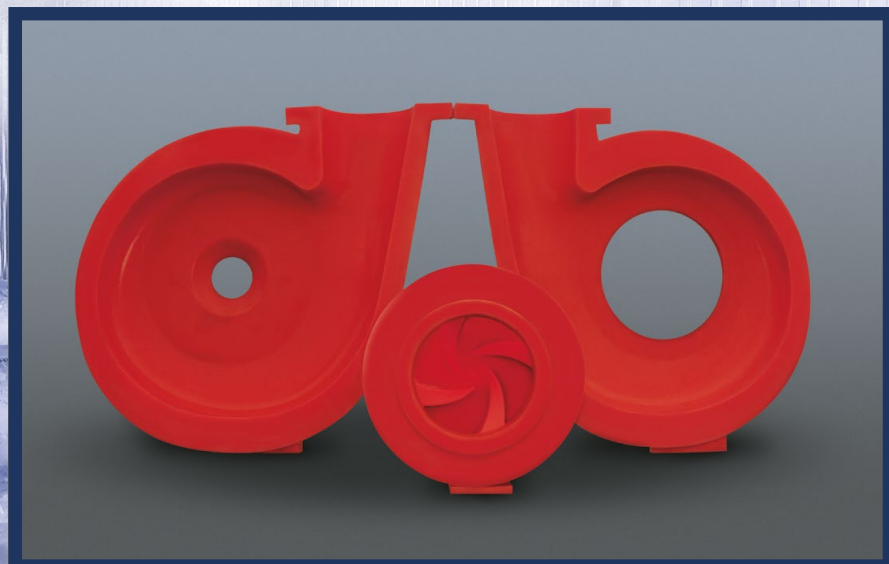


# HYDROTRANSPORT



## ABOUT US

We are a manufacturer of L-PUR polyurethane elastomers – a material with a wide range of applications that proves useful in many branches of industry, from the extractive industry to the furniture industry.

LUBAS has been on the market since 1990, yet our knowledge and our experience go back to a time long before the production plant was built. They result from longstanding research work at the Faculty of Materials Science and Engineering at Warsaw University of Technology and from implementations and applications of polyurethanes in the extractive industry in the seventies and the eighties of the last century.

Currently, LUBAS is a modern plant with multiple departments which comprises a dozen or so technological processes all operating simultaneously.

The heart of the company is a polyurethane elastomer casting house and an autonomous engineering/construction department with advanced 3D technologies and a mechanical department with CNC machines.



**Renovation of a steel part includes covering the metal structure of a device with a specially selected L-PUR elastomer. Experience in the field of equipment regeneration makes us the leader on the market.**

## REGENERATION OF STEEL ELEMENTS OF HYDRAULIC PUMP COMPONENTS

We offer regeneration of the pump housings that are most often encountered on the Polish market, including gravel pumps. The service consists in filling in any chips present in the housing by pouring in a high-quality L-PUR elastomer. The outstanding properties of the material and our precise production technology enable the same housing to be used repeatedly, and the obtained effect guarantees performance at a level close to that of new components. We use the same method to fill in the chips in worn-out side plates of pumps and spigots received from our customers.

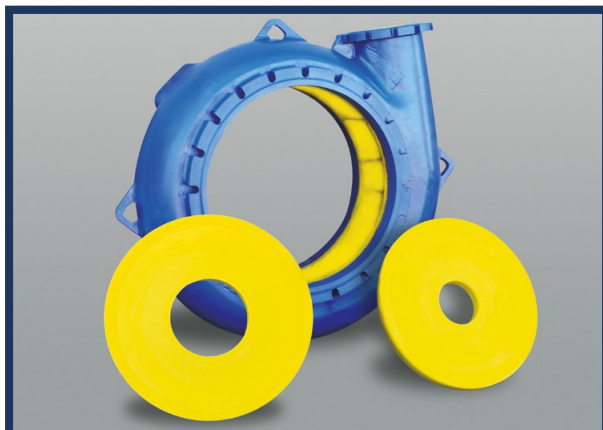
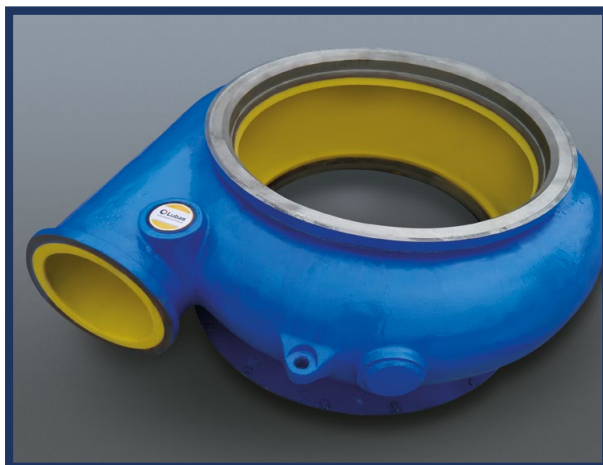
Thanks to our extensive mechanical department, we also offer new side plates and rotors for many pumps.

### **Own production spare parts compatible with the products:**

- Warmann
- Habermann
- Doepke

### **The most popular services are:**

- Housing regeneration
- Face plate and pressure plate regeneration



## POLYURETHANE AND POLYURETHANE-STEEL COMPONENTS OF PUMP HYDRAULIC CHAMBERS

Many pumps for difficult-to-pump materials have rubber or polyurethane inserts in their hydraulic part chambers. The company provides spare parts for various pump types.

**We offer spare parts for pumps from:**

- MF – Warmann
- PG – Habermann
- OŁ – Linatex
- HPK – Metso

## SPIGOTS, ELBOWS, FLEXIBLE PIPES, TEES, EXPANSION JOINTS AND CONNECTORS

Fittings and pipelines constitute equally important components of a pump. Due to frequent malfunctions, problems with wearing of the elements and our customer's expectations, our company now offers complete pipelines as well as spare parts for hydrotransport.

**In comparison to steel elements, they feature:**

- longer life span and elasticity
- lower component weight

**We manufacture the following elements:**

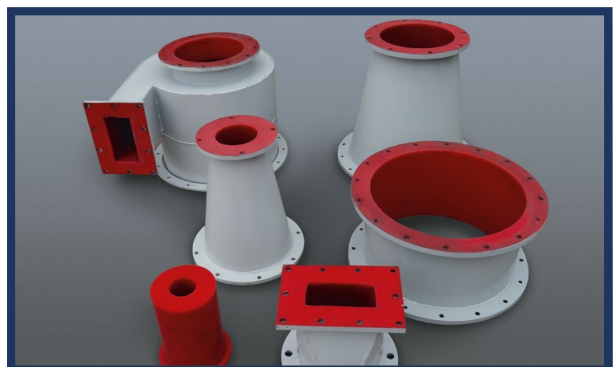
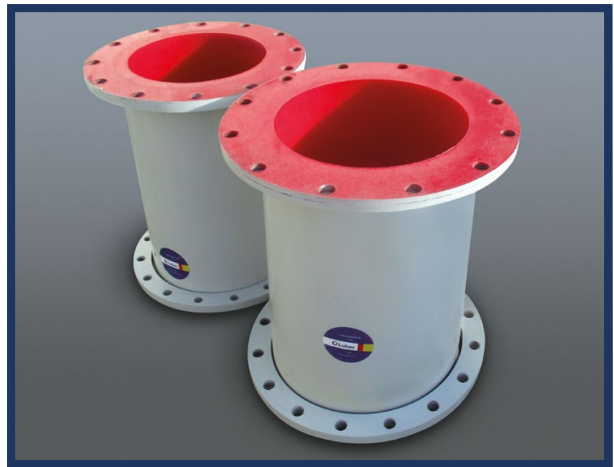
- spigots
- 30-, 45-, 60- and 90-degree elbows
- flexible tubes
- expansion joints
- connectors
- tees
- reducers

**The products may be manufactured  
in the following versions and standards:**

- self-supporting
- reinforced with steel elements for high pressure
- inner diameters of 150, 200, 250, 270, 300, 350, 400, 450 or other custom-made versions,
- provided with fixed and swivel flanges:  
PN6, PN10, PN16 or without flanges

## HYDROCYCLONES

Hydrocyclones are used for sludge thickening and separation of solid particles. We offer polyurethane-based hydrocyclones manufactured as a self-supporting structure or in a metal casing. In addition to hydrocyclone manufacturing, we also regenerate hydrocyclone parts using a polyurethane coating; as a result, our customers receive a product that exceeds the durability of metal hydrocyclones or rubber-lined hydrocyclones.



# LUBAS offers:

- Professional consulting backed by **experience since 1990.**
- High quality products with **extended life span.**
- The possibility of applying **individual solutions** to the customer's personal needs.
- A reliable partner in business operating on **35 global market of the world and 4 continents.**



Lubaz Sp. z o.o. sp. k.  
06-513 Wierzbica Kąkolna 12, Poland  
Phone/fax: (+48) 23 654 00 58  
[www.LUBAS.com](http://www.LUBAS.com)  
[info@lubas.com](mailto:info@lubas.com)