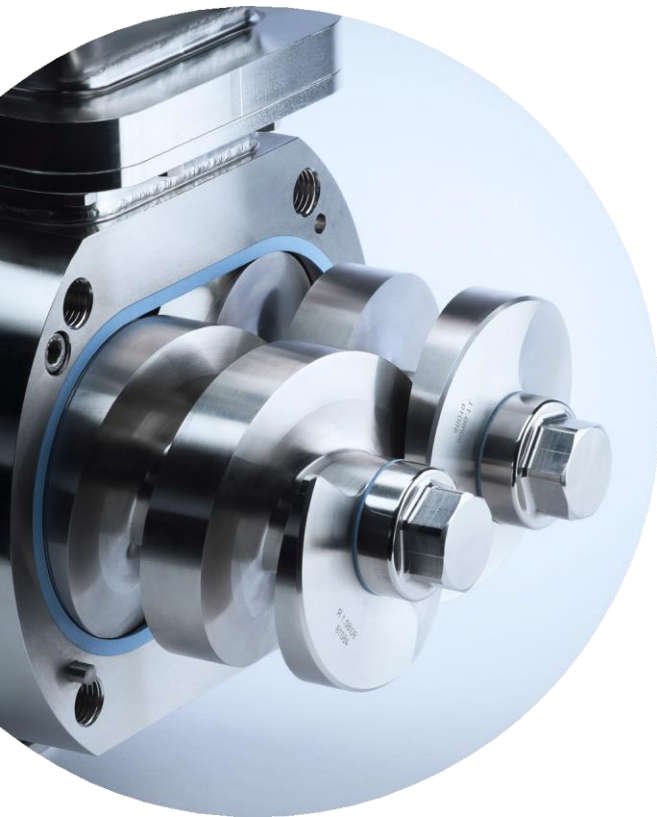


HYGHSPIN



HYGHSPIN

Hygienic · gentle · economical



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JUNG
PROCESS SYSTEMS

About us



- More than 40 years experience in fabrication and service for the food and beverage industry
- Premium in house machining and testing facilities for stainless steel or superior materials
- About 80 Employees
- Family owned in second generation
- Located in Kummerfeld next to Hamburg, Germany



- Supply of HYGHSPIN Twin Screw Pump systems
- More than 1500 supplied pumps since 2009
- Turnover 2014 more than 6 million Euro
- Turnover doubled since 2013
- Further growth to be expected
- In house fabrication by Jung & Co. Gerätebau GmbH
- short delivery times, high availability



HYGHSPIN Twin Screw Pump

Sales and Service Network



HYGHSPIN Features

HYGHSPIN Twin Screw Pumps

Main Features

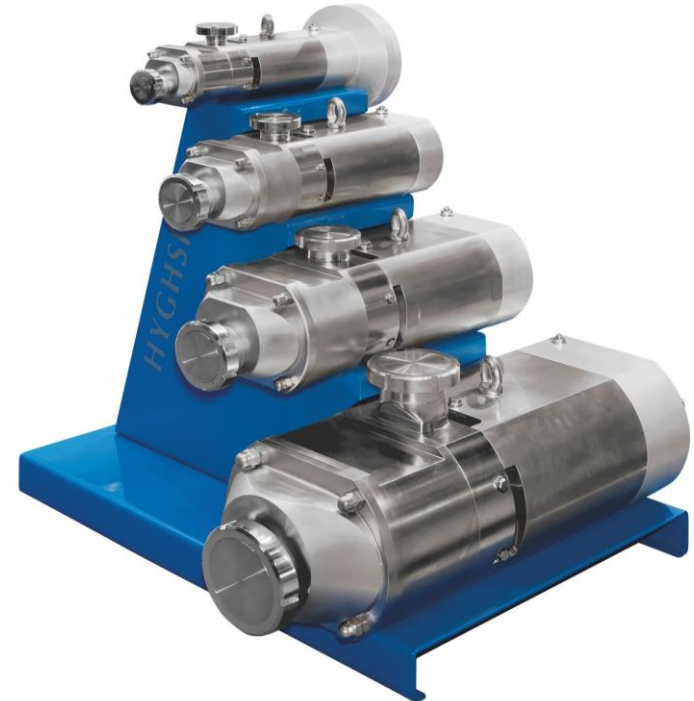
- **TWIN SCREW Technology**
The new benchmark in Positive Displacement Pumps
- **Gentle, low pulsation pumping**
increases product quality and protects the entire plant
Designed for CIP and SIP – simple and easy monitoring
ensures excellent product quality
- **One pump for process and CIP**
saves time and money
- **Extremely wear resistant – contact-free pump**
low service costs – high reliability
- **Suitable for almost every application**
lowers complexity and streamlines spare parts stocks



HYGHSPIN Twin Screw Pumps

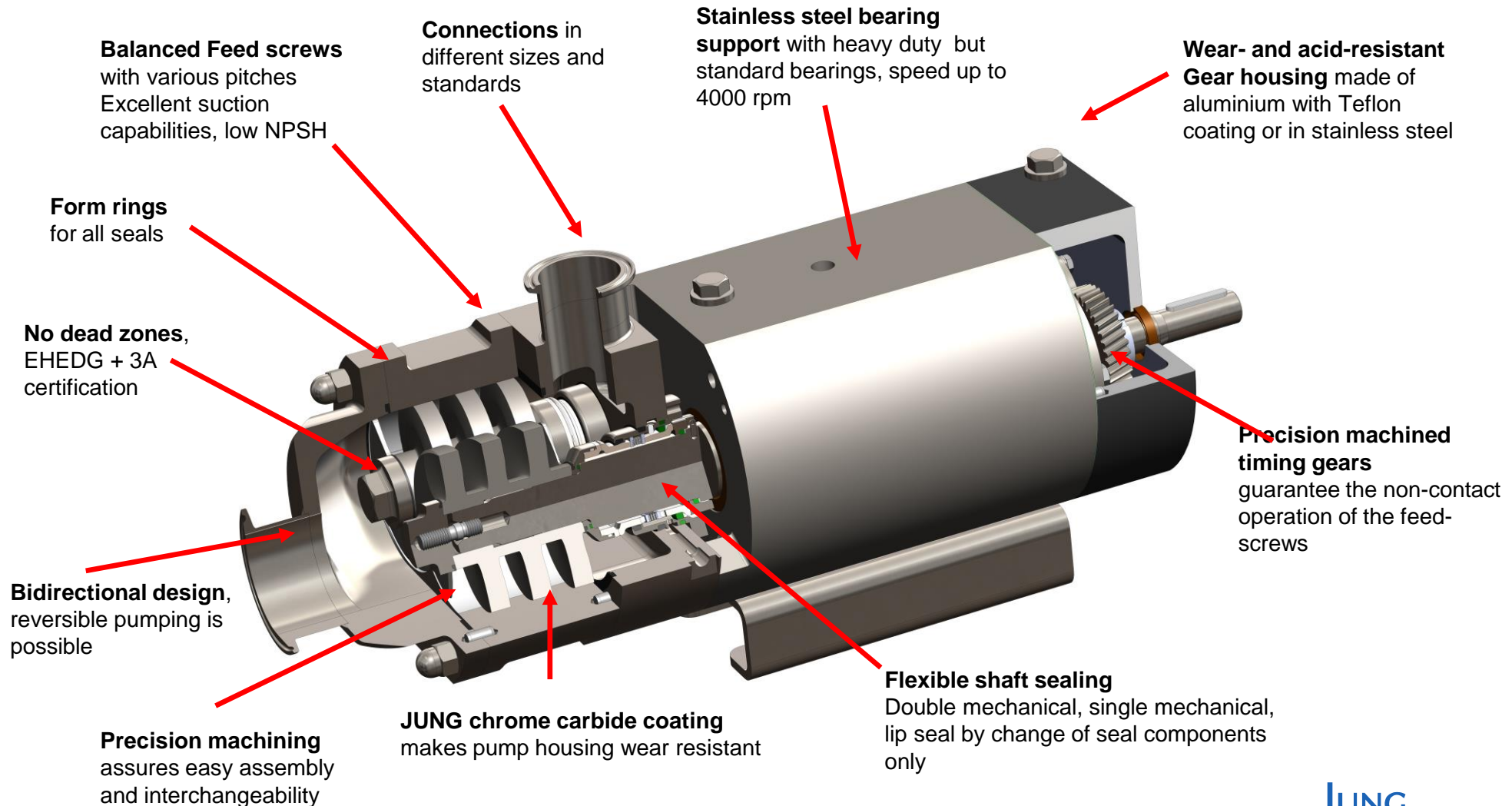
Main Features

- **HYGHSPIN Range**
Modular system 4 sizes, bare shaft or in bloc design
- **Volume flow**
< 0,1 up to 300 m³/h
- **Pressure**
to 35 bar, to 50 bar by double flow design
- **Viscosity**
0,5 to 1.000.000 cSt
- **Temperature**
-10° C to 130° C, higher values upon request
- **Speed**
10 to 4000 rpm depending on pump size
- **Max. solid material diameter**
to 67 mm, depending on pump size on pitch



HYGHSPIN Twin Screw Pumps

Main Features



HYGHSPIN Twin Screw Pumps

Main Features

Access opening

for timing gears, adjustment of feed screws while motors stays in place, no oil removal required

Minimized contact surface,

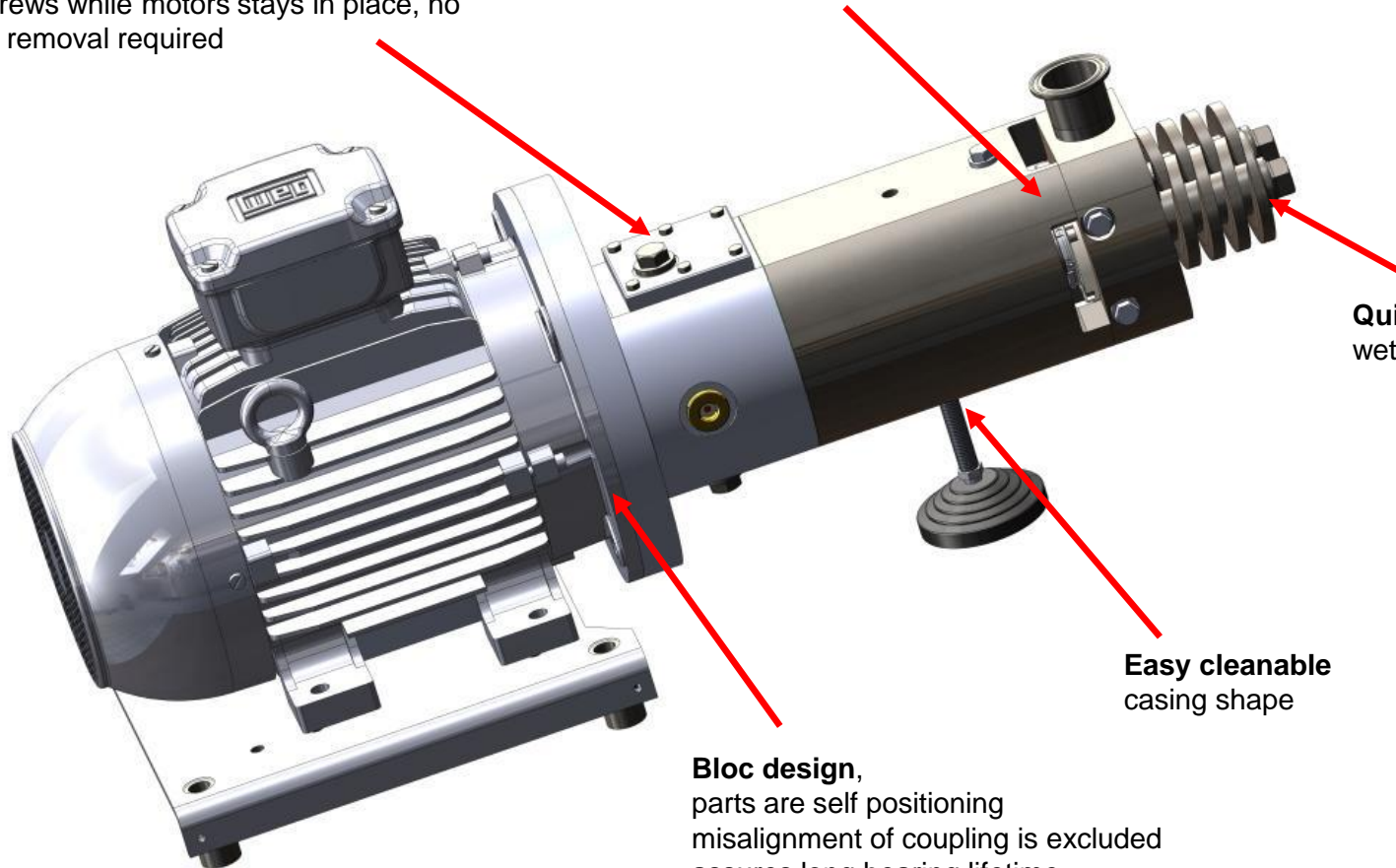
low heat transfer rate between pump and bearing housing

Quick assembly
wet end entry

Easy cleanable
casing shape

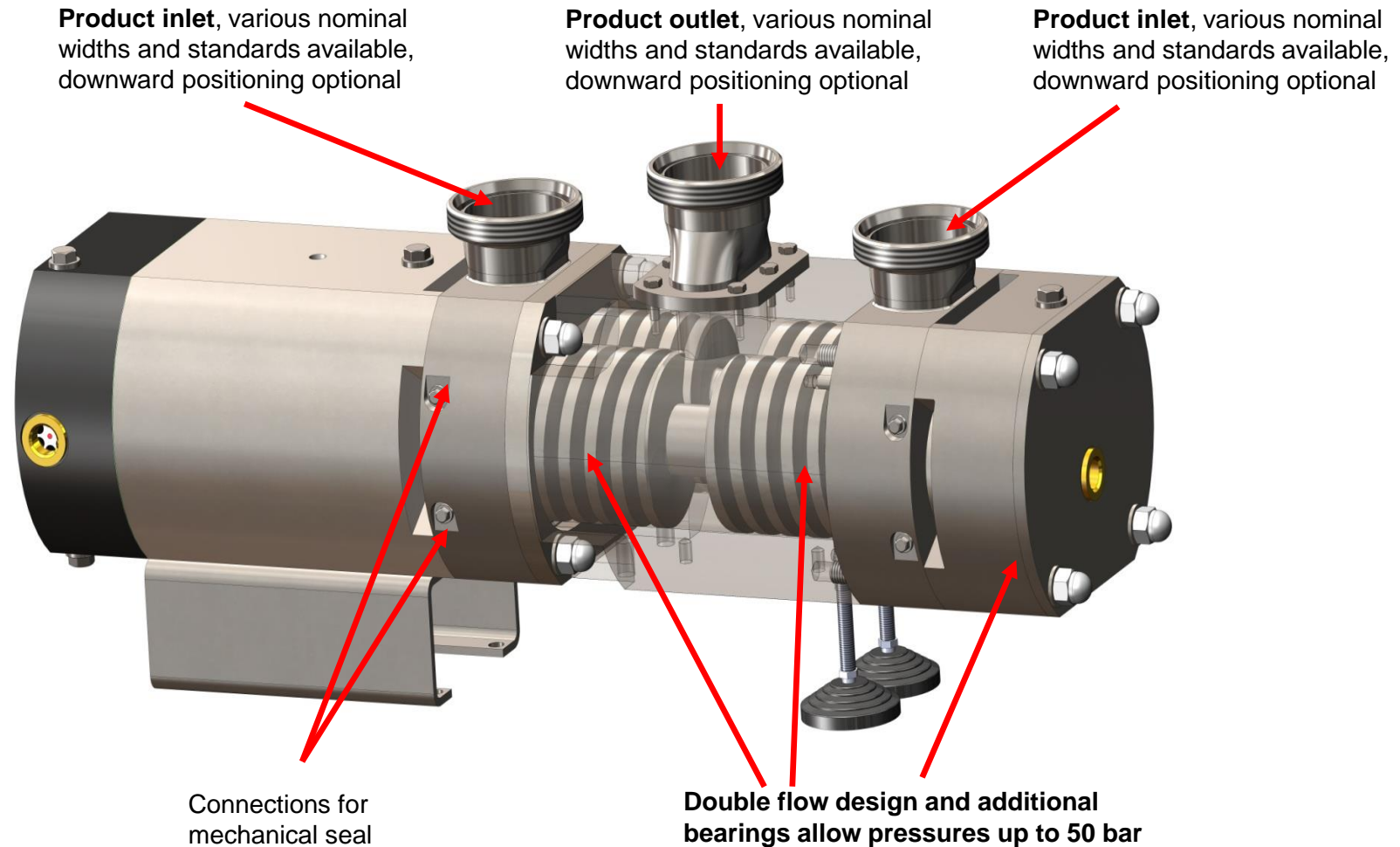
Bloc design,

parts are self positioning
misalignment of coupling is excluded
assures long bearing lifetime



HYGHSPIN Twin Screw Pumps

Main Features



HYGHSPIN Twin Screw Pumps

Hopper

Enlarged inlet for high viscos products
Hopper or standard connections available



Product outlet, various nominal
widths and standards available,

Stainless steel bearing support
with high-capacity support

Extended feed screws
Products is falling by gravity
into the pump chambers



HYGHSPIN Quality

HYGHSPIN Twin Screw Pumps

Quality

- **Premium in house fabrication**

State of the art CNC machines and testing devices

- **Test run of each pump**

Function and performance assured.

- **Design**

Complies with principles of Hygienic Design

- **Pump certification**

EHEDG und 3A certified, ATEX version available

- **Surfaces**

Electro polished down to 0,4 µm for Pharmacy application available



HYGHSPIN Twin Screw Pumps

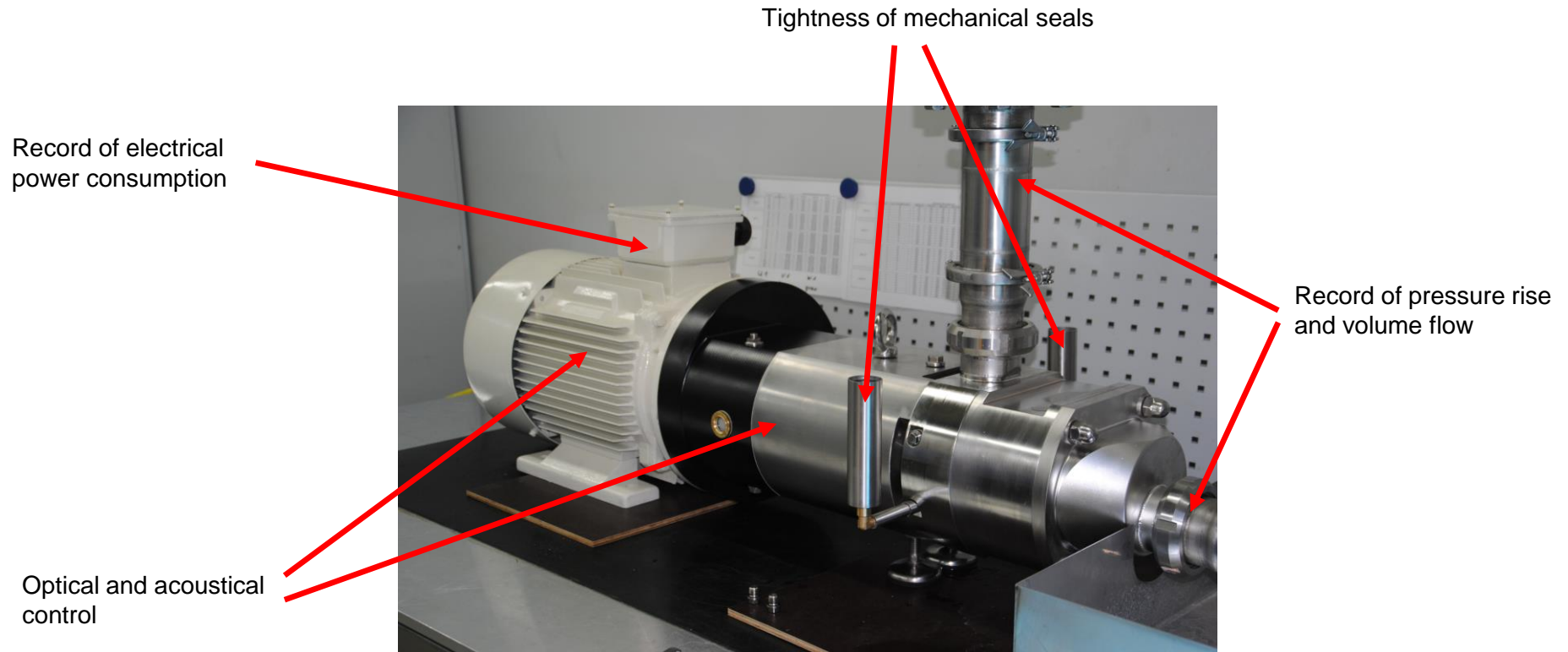
Quality: State of the art in house fabrication

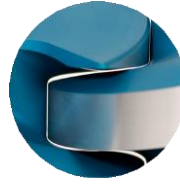


Full control of quality and supply availability

HYGHSPIN Twin Screw Pumps

Quality: Test run of each pump





Why a HYGHSPIN?

HYGHSPIN Twin Screw Pumps

Why a HIGYSPIN?

Product transfer, CIP and SIP – easy cleaning in place with one pump only.	Increases availability of the complete system.
No damage of product structure due to gentle pumping- no pulsation.	High product quality.
Wide range of operation envelope.	Reduces numbers of pumps and types.
Low NPSH value- high suction lift.	No cavitation and high efficiency.
Premium in house fabrication	Excellent quality and availability of pumps or spare parts
Robust design, no contact between screws and housing	High reliability, low service costs, no product contamination.



HYGHSPIN, a good choice

Please contact us

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