TOP EXPERT SOLUTIONS

With our innovations and solutions we create additional benefits to our customers. Additional benefits for more efficiency, more effectivity, more equipment availability, more profitability and more environment protection. We call this TOP expert solutions – and these are only available from HEDRICH.

MORE TECHNOLOGY	Always the optimum solution for your demands on an efficient vacuum process.
MORE INNOVATIONS	For more process safety and a high reliability in the equipment availability.
MORE SERVICE	24-h availability on 365 days per year as well as service packages with variable scope.
MORE COMPETENCE	From highly filled to unfilled cast resin systems and the oil/paper sector to highly viscous silicones.
IMPROVED PERFORMANCE	Performance enhancement in the equipment technology by best fitting processes.
MORE CONTROL	Industrial 4.0 enabled equipment control and monitoring system with intuitive touch gesture control and animated component presentation.
MORE ENERGY EFFICIENCY	NEW: Optimisation of energy consumption for energy savings up to 70%.

Our daily motivation is the passion for innovation and first-class quality. To achieve this aim we rely on the know-how, the creativity and experience of our engineers who develop key products in cooperation with our customers – real TOP expert solutions that are characterised by functionality, precision and quality.

↗ Request now: HEDRICH product and service brochure

Detailed information about all other HEDRICH TOP expert solutions are contained in our current product and service brochure. Request now at: hedrich@hedrich.com



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PROGRESS

is feasible.







PROGRESS MAKERS

Innovations 2016.



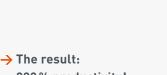
EXPERT SOLUTIONS

Setting the pace in vacuum equipment engineering.

NEW FROM HEDRICH Impressively UNIQUE

Cast resin equipment with MTB technology

The new MTB technology is suitable for all liquid and solid resin systems, highly abrasive fillers as well as plastic and glass micro hollow spheres combining the individual process steps of pre-formulation, degassing and preparation in one assembly group. The double to triple formulating and preparation capacity ensures a \rightarrow **The result:** practically unlimited casting process.



200% productivity!



NEW Impressively SERVICE LIFE

High-pressure dosing pump Gen2

The new generation of HEDRICH high-pressure dosing pumps allows to process filler portions in the cast resin matrix that have not been achieved before. The hydraulic drive already provides a linear movement as it is performed by the pump itself. This excludes the risk of inaccu- \rightarrow Your advantage: racies. The low-wear design ensures very long lifetimes.

ADVANTAGES OF CAST RESIN EQUIPMENT WITH MTB TECHNOLOGY

- than comparable vacuum resin casting systems
- exact preparation of the delivered volume as
- 7 25 % shorter commissioning times by faster
- 7 20% lower maintenance requirements and because of fewer mobile and stressed parts
- 30 % lower energy costs through efficient and 🛛 🛪 10 % lower investment costs than comparable

ADVANTAGES OF HIGH-PRESSURE DOSING PUMP GEN2

- At least twice as long service life thanks to
- ↗ 50 % higher dosing accuracy
- **7** 50 % shorter machine downtimes
- **1** 20 % less maintenance work and consequently



Permanently precise dosing!

NEW Impressively **ECONOMICAL**

Vacuum nitrogen drying equipment

Through the use of nitrogen instead of air as heat transferring medium our new vacuum nitrogen drying systems operate under exclusion of oxygen. This allows higher temperatures, faster heating periods and an important reduction of the degree of depolymerisation of the insulation. At the same time considerably shorter drying times \rightarrow Your benefit: are achieved.

More efficiency!



ADVANTAGES OF VACUUM NITROGEN DRYING EQUIPMENT

- 20 % higher drying temperatures at lower degree of 💦 🛪 Adaptive intermediate pressure reduction with
- 🛪 30 40 % shorter drying times compared with the
- 켜 25 % lower energy costs 👘

- Modular retrofit as option

- Specially developed for highly filled and highly
- ↗ Particularly suitable for long pipe systems –

NEW Impressively



PMC – Productivity Mobile Controlling via app

The absolute innovation in vacuum equipment construc- to the screen size of your output device, tion: Productivity Mobile Controlling (PMC). This new app no matter whether smartphone, tablet of HEDRICH gives you absolute process transparency – or PC. any time, any place. Configurate your personal PMC cockpit with the most important performance parameters according to your requirements and control the occupancy of your equipment around the clock comfortably from \rightarrow Your benefit: your desk or while travelling. The app adapts individually Maximum productivity!



ADVANTAGES OF PRODUCTIVITY MOBILE CONTROLLING VIA APP

- 24/7 mobile process monitoring and evaluation for 7 Live alert function to display error messages of early detection and removal of quality changes and the equipment – in the office or mobile
- mparison of periods and type-dependent casting **7** Comparison of production quantities of same
- er, filler etc.) thus better planning and shorter 🛛 🛪 Real time performance parameters
- Easy integration into existing control systems