



NEWSLETTER
-2022-



CHEMAC INC. NEWSLETTER

Chemac, Inc. 121 Corporate Lane New Bern, NC 28562 www.chemacinc.com

09/25/22

NEW BERN LOCATION:

INVESTMENT ARRIVALS

The upgrading of equipment and facilities at Chemac locations continues. The most recent arrivals at Chemac include new pressure test pumps, hydro cleaning stations, and additional forklifts and fleet vehicles.

The first units arrived recently in Chemac's New Bern facility. A new Uraca Jet Power will update present testing facilities and allow for remote and local testing. All recent equipment and facility upgrades allow Chemac to increase testing, repair turn around, and heavy lift capabilities.



NEW JET POWER TESTING

The new URACA Jet Power, seen here being mounted on a trailer, will provide New Bern a new test pump. The unit will be mounted on a heavy load trailer for easy mobility to and from test sites.

After testing trials, Texas will also receive a new testing unit. The units will be great new additions to the on and off-site testing capabilities at Chemac. The Jet Powers are also available for purchase in many pressure and flow ranges. See our literature links for more info.



PARTS WASHER

The BE parts washer model G3000 is a new addition to the parts cleaners at Chemac Inc. The G3000 is capable of cleaning small parts and larger items up to 1,500lbs.

The state-of-the-art cleaning machine improves parts cleaning and repair turn-around time.



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09/12/22

UPDATE: "Team Chemac" Cycling BIG SUCCESS!

Despite the inclement weather, **BIKE MS: Historic New Bern Ride 2022** proved to be one of the top two fundraising events for MS of 2022, nationwide.

Out of 1,291 participants, our **team of six** immensely exceeded our initial fundraising goal of \$1,500, collectively raising an impressive **\$12,276**, to date!

"Team Chemac" ranked within the **top 25 teams** out of 125, each of our riders amounting an average of over \$2,000 of fundraising.

Together, we believe this event was a great success towards changing the world for people with MS.



BIKE MS:

Local Historic New Bern Ride 2022

We express a heartfelt gratitude to all of the generous donors towards this cause!

Chemac Inc. employee activities outside the workplace are not mandated, only encouraged.





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09/06/2022

SUPPLIER FEATURES:

ACHEMA 2022

Exhibitors included 2,200 equipment and solution providers from 50 countries.

GATHER's Series 3 gear pump is our new process pump with flow rates up to 4000 l/h.

Delivery and circulation of lubricating and non-lubricating liquids such as water, aqueous solutions, salt solutions, solvents as well as acids and alkalis with long service life for numerous industries and applications.

NEXT EVENT ACHEMA EVENT:



“Frankfurt am Main will again be the meeting place for the ACHEMA-Community from 10 - 14 June 2024.”

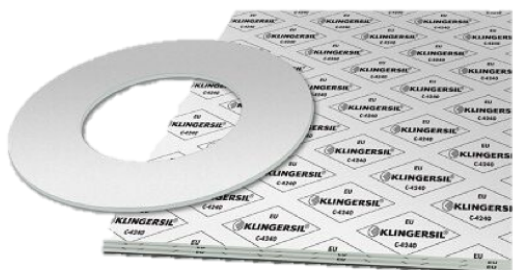
SOURCE(S):

<https://www.achema.de/en/>



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09/06/2022

KLINGERSIL® C-4240:

Innovative Gasket for Drinking Water

KLINGERSIL® C-4240 is a gasket, specially designed for the individual requirements of the drinking water supply: The first fiber-reinforced flat gasket for drinking water installations:

✓ **NBR rubber-reinforced with cellulose fiber**

✓ **Up to 185°F**

AREAS OF APPLICATION

Application in uncritical media such as drinking water, water, oils, fuels, hydrocarbons and inert gasses.

KEY FEATURES

- All raw materials have been positively assessed and tested for their suitability for drinking water
- Coherence to the current **Elastomer Guidelines** (German Federal Environment Agency)
- No use of any color pigments

BENEFITS

- Specially developed for the drinking water supply
- No influence on the taste, smell, microbiological growth of the chemical composition of the drinking water

TYPICAL TECHNICAL DATA:

for thickness 2.0 mm (0.0787402 in.)

Compressibility ASTM F 36 J		%	10
Recovery ASTM F 36 J		%	45
Stress relaxation DIN 52913	50 MPa, 16 h / 175 °C	MPa	35
KLINGER cold/hot compression 50 MPa	thickness decrease at 23 °C	%	10
	thickness decrease at 200 °C	%	15
Tightness	DIN 28090-2	mg/s x m	0.01
Thickness increase after fluid immersion ASTM F 146	oil IRM 903: 5 h / 150 °C	%	5
	fuel B: 5 h / 23 °C	%	10
Density	DIN 28090-2	g/cm ³	1.75



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09/01/2022

CHEMAC INC. CYCLING:

LOCAL BUSINESS, BIG IMPACTS!

Continuing to be active members of our local communities- Chemac Inc. looks forward to sponsoring **BIKE MS: Historic New Bern Ride 2022**.

Alongside a community of riders, a number of our employees have proudly registered in this charity event dedicated to changing the world for people with MS.

With the support of our active community members and family of customers, we have set an ambitious goal of \$1,500.

BIKE MS:

Local Historic New Bern Ride 2022

WHEN:

SEPTEMBER 10-11, 2022

STARTING LINE:

Union Point Park
210 E Front St. New Bern,
NC

Chemac encourages employees to be active in the local communities we work and live in. Employee activities outside the workplace are not mandated, only encouraged.

"It's estimated that more than 2.8 million people are living with MS worldwide."

-National Multiple Sclerosis Society-

If you'd like to support us, please consider a donation!

See link below:

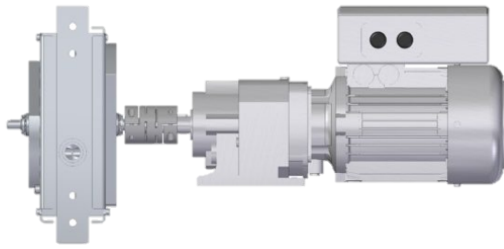
<https://mssociety.donordrive.com/index.cfm?fuseaction=donorDrive.team&teamID=30041>





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08/02/2022

BUNGARTZ ENERGY EFFICIENCY:

PRODUCT LAUNCH at ACHEMA 2022

ACHEMA 2022: Bungartz will, for the first time, present its **new rotary piston pump**.

It astutely combines the advantages of various already well-known technologies with **energy efficiency**. While also being **low in pulsation** and **hermetically sealed**. The state-of-the-art design *reduces* the pump's maintenance requirements- in which the torque of the outer shaft is transmitted to the pistons by magnets.

The fields of application for this novel piece of machinery include the pumping of **toxic, corrosive or viscous liquids**. Shear-sensitive and explosive materials are conveyed just as safely as customers have become accustomed to with Bungartz.

On another note:

An innovation for the **MOR / UMOR horizontal centrifugal pumps** (in production since the 1930s), will *also* be exhibited for the first time at **ACHEMA 2022**. **This design will be available in the near future.**

ACHEMA 2022:

The functional models of Bungartz pumps will again be shown in action.

DATES:

Aug 22, 2022 – Aug 26, 2022

Couldn't make the Alchemia this year?

The upcoming information will be available at:

<https://chemacinc.com/category/chemac-news/>

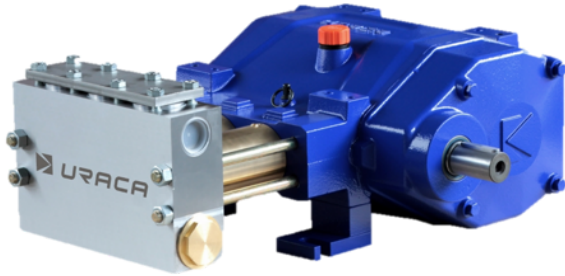
SOURCE(S):

<https://www.worldpumps.com/content/news/bungartz-product-launch-at-achema-2022/#:~:text=Until%20now%2C%20the%20Bungartz%20company,first%20time%20at%20ACHEMA%202022.>



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TECHNICAL SPECIFICATION:

- > Power rating: up to 83 kW
- > Operating pressure: up to 250 bar
- > Flow rate: 21,5-292 lpm
- > Dimensions: 668x579,5x298,5mm
- > Weight: 357.15 lbs

Overall,

Switching to a P3-19 is easy for customers who are looking for an upgrade:

Lighter weight, state-of-the-art high quality manufacturing offering maximum vertical integration in an overall more compact design.

05/04/2022

URACA P3-19 PUMP

NEW HIGH-PRESSURE TRIPLEX PLUNGER

The state-of-the-art features of the **new high-pressure plunger pump model P3-19** have proven to exceed its new aesthetic. The smaller, lighter frame packs the strength and up-to-date technical ingenuity, reinforcing URACA's high quality standard. With its higher power density, the model not only replaces the previous KD708, but also opens up a wider field of application with an impressive 10% more power.

The new high-pressure plunger pump model P3-19 offers **high power density** and the **longest possible running times**. It includes a **crankcase sealing system** to ensure even higher reliability compared to its predecessor- the KD708. The new, compact design and an optimized position of the input shaft allows for easy installation.

Weighing only 357.15 lbs, it includes the integrated gear drive. Moreover, this upgrade minimizes customer switching costs- as the new mounting points are nearly identical to those of the KD708.

Cleaning jobs are met, both ecologically and economically, as they operate with an incredibly high efficiency ($\eta > 0.9$) over the entire speed range, even in partial load operation. With a power range from approx. 40 HP to 3,500 HP drive power and operating pressures up to 43,500 psi, the URACA pump portfolio meets almost all requirements for pumping applications in the highest pressure ranges.