

# news

01/2019

Plastic, Pharmaceutical, Chemistry, Cosmetic,  
Food and Packaging industry



## POWTECH 2019

Leading Trade Fair for Mechanical Processing Technology, Analytics  
and Handling of Powder and Bulk Materials

### Nuremberg 9 – 11 April 2019

Opening hours: Tuesday and Wednesday 9.00 – 18.00 h  
Thursday 9.00 – 17.00 h

#### Dear business partners

We are pleased to invite you to this year's POWTECH in Nuremberg. Mr. Daniel Kyburz and Mr. Markus Ruesch will be pleased to welcome you at the respective stands of our suppliers in order to show you their new products. This MAPAG-News will give you a first impression of what you can be looking for. The Pharma team will be happy to provide you with further information at any time.

*Alexanderwerk*

Hall 1, Booth 1-415

**BOLZ**  
INTEC

Hall 1, Booth 1-148

**novindustria**  
Powder Handling Technology

Hall 1, Booth 1-226

**SERVOLIFT**

Hall 4, Booth 4-402

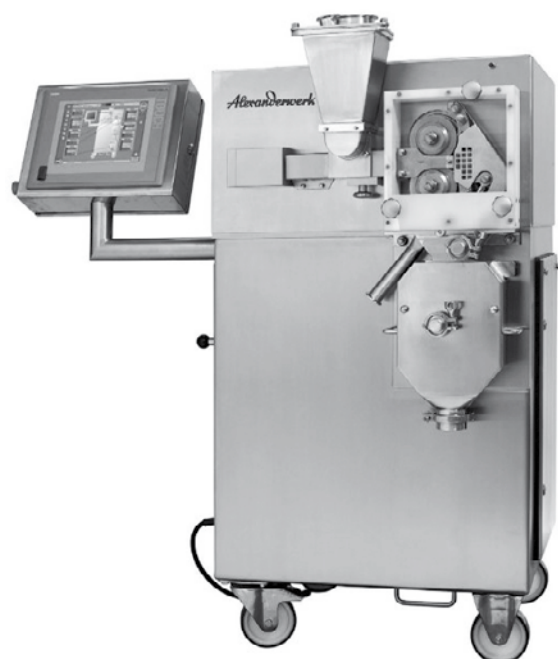
Please arrange a meeting with one of our representatives:

Daniel Kyburz  
Mobile +41 79 341 67 08

Markus Ruesch  
Mobile +41 79 244 66 40



*Alexanderwerk*



## WP 120 – Development and small quantity production machine with ISOLATOR

The WP 120 Pharma was specially designed for use in R&D areas, where it meets the highest requirements and standards. Minimum product quantities from 5 g, as well as throughputs of up to 40 kg/h (lactose), can be processed into granulates of various sizes with the standard roller width of 40 mm. This enables its use with special products and smaller batches both in the pilot plant and in the lower quantity production area, under constant and reproducible production conditions.

**Further information can be obtained at POWTECH or at [www.mapag.ch](http://www.mapag.ch) and [www.alexanderwerk.com](http://www.alexanderwerk.com)**



## The right stainless steel drums for every substance

Whether powder or granulate, whether pasty or liquid media: Any substance can be stored and transported absolutely safely in a stainless steel drum from BOLZ INTEC. Strictly in accordance with GMP standards for the highest hygienic requirements.



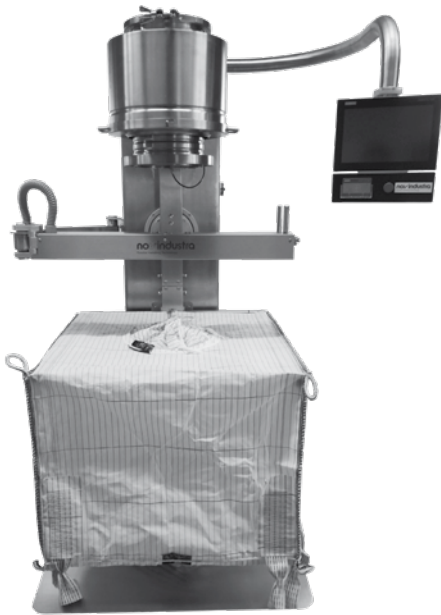
## The right container for every pressure

BOLZ INTEC pressure vessels are used to transport substances and liquids, e.g. for the pharmaceutical industry, and to store them sterile and safely.

Each of these containers is individually designed and produced according to the latest pressure equipment guidelines and GMP standards. This ensures quality and safety.

**Further information can be obtained at POWTECH or at [www.mapag.ch](http://www.mapag.ch) and [www.bolz-intec.de](http://www.bolz-intec.de)**





## Protection Foil technology

Especially when filling and emptying flexible containers such as big bags or sacks with dusty, aggressive and hazardous substances, containment is no longer only an important term in the pharmaceutical industry but is becoming increasingly important in many other industries.

The unique containment foil system from Novindustria is used precisely here, where personal protection, safe functionality and reliability are the deciding factors. This system has been specially developed for filling and emptying highly toxic products (up to OEB 5) into flexible containers, especially big bags with inliners, absolutely free of dust and contamination. The system essentially consists of the multi-layer Novi-Containment Liner, the filling head with inflatable seal, the separating and welding scissors and a simple operating control. The containment film system is simple and safe to use and can be easily integrated to upgrade existing plants and processes.

### Your advantages

- Absolutely dust-free product transfer when filling and emptying flexible containers
- High containment level up to OEB 5 ( $OEL < 1\mu\text{g}/\text{m}^3$ )
- Maximum personal and product protection
- Easy to operate, reliable to handle and safe to use
- Up to 150 containers with one Novi-Containment Liner
- Containment film system, separating and welding shears and big bag station from one source

### Welding scissors

- Stationary and mobile welding systems
- Manual and automatic welding systems
- Non-Ex and Ex version according to ATEX
- Design as welding scissors or separating welding scissors
- Hygienic design for sterile applications in the isolator
- Integration into existing packaging lines

Further information can be obtained at **POWTECH**  
or at [www.mapag.ch](http://www.mapag.ch) and [www.novindustria.com](http://www.novindustria.com)



## Validated cleaning of batch containers and drums



Especially in the pharmaceutical and chemical industries, batch containers and drums are used to manufacture the end products in all production lines. They must always meet the same validatable hygiene standards as all subsequent production stages. SERVOLIFT's cleaning applications increase throughput in container cleaning, improve energy efficiency and contribute to an increase in the degree of automation. The main arguments for customers in favour of these high-quality cleaning systems are time savings, cost reduction and increased capacity utilisation.

## Advantages summary

The SERVOLIFT cleaning system enables the economical and validatable cleaning of batch containers, containers, accessories and barrels of various sizes and shapes.

- Pre-programming of multi-stage cleaning processes
- Flexible recipe management
- Execution security through password and user administration
- Easy handling
- Increasing energy efficiency
- Reduction of throughput times for internal and, if necessary, external cleaning
- Low space requirement
- High reliability and long service life of all installed parts

Further information can be obtained at **POWTECH**  
or at [www.mapag.ch](http://www.mapag.ch) and [www.servolift.de](http://www.servolift.de)

