

the innovative design of these units, the initial investment is even lower than for the previous ZE and ZA compressors. The efficiency of these units has been improved by 7 % compared with the previous ZE 2 and ZE 3 models.

Thanks to the compact plug and play design, the new ZE 3 S compressors are

suitable for a variety of indoor and outdoor applications. Customers can change the scope of supplies flexibly for example by ordering a compressor without a motor or starter if they are OEMs and want to integrate the compressor into their own systems. The compressors are designed for operation at ambient tem-

peratures between -20°C and +50°C.
www.atlascopco.de

For more information about the new screw blowers please see www.zkg.de/powtech2019

BEUMER GROUP GMBH & CO. KG

1.627

Secure packaging

The Beumer Group will exhibit its expertise as a system provider for complete high-capacity packaging lines. The Beumer Group designs, constructs and installs systems that are tailored in detail to industry-specific requirements.

The Beumer fillpac R filling machine fills bulk material from the building ma-



Beumer Group GmbH & Co. KG

1 The Beumer fillpac FFS: High throughput, availability and a compact design are key features of the system

terials industry and other industrial pulverized goods into different bag sizes and types like valve bottom and flat valve bags in an efficient and gentle way and with the required throughput. The structure of the materials can be very fine to very coarse. The Beumer bag placer and the ream magazine supply the rotary filling machine with empty bags to ensure the high throughput.

The Beumer Group offers different palletising solutions, depending on the packaged items. The Beumer paletpac is best suited for bulk material. It is incorporated into high-performance packaging lines to process even sensitive and valuable products as well as products with special flow characteristics in a gentle and efficient manner. Depending on the product requirements, these palletisers can be equipped with a clamp-type or twin-belt turning device which turns the filled bags quickly into the required position for stacking, ensuring their dimensional stability without any deformations.



2 The Beumer paletpac creates exact, stable, space-saving bag stacks

Packaged items stacked accurately on pallets can then be transported successfully to the downstream packaging system – for example, the Beumer stretch hood. It covers the palletised goods with a highly stretchable film. During transshipment and outside storage, the merchandise is protected reliably against environmental influences such as sunlight, dirt and humidity.

www.beumergroup.com

CARBOTECHNIK ENERGIESYSTEME GMBH

4A.519

Combustion plants, dust dosing and dust handling systems

As an expert in combustion plants, dust dosing and dust handling systems, the company Carbotechnik among others deals with the energy production from biogenic fuels, in order to be able to implement a CO₂ neutral combustion. E.g. the use of wood dust in boiler plants or process drying will take on more and more prominence in the future.

In addition, Carbotechnik will present the economic and ecological reprocessing of sewage sludge. Through the mono-

combustion in our pulse burner, we ensure maximum energy generation in compliance with all legal specifications – also taking the phosphorus recovery into consideration.

Corresponding advanced concepts and the technique required for that purpose will be presented at the Powtech exhibition booth.

www.carbotechnik.de