



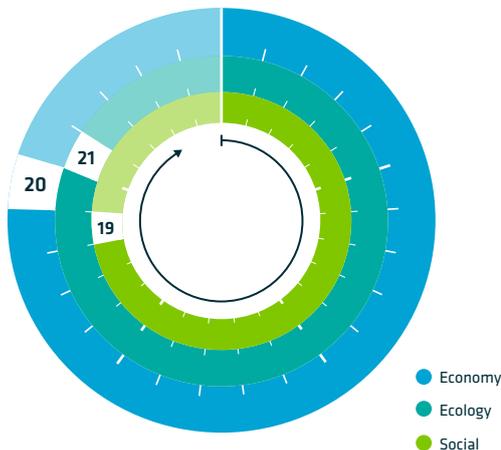

Products and technologies carrying BEUMER's "made different" seal are characterised by their sustainability, based on their economic, environmental, and social performance as measured by the BEUMER Sustainability Index (BSI).

BEUMER FILLPAC® FFS – SUSTAINABLE FILLING AND HEAT SEALING

PRODUCT GROUP

- › Packaging › Filling technology › Chemical industry
- › BEUMER fillpac® FFS

60
Level:
Excellent



INNOVATIVE FORM-FILL-SEAL SYSTEM WITH MAXIMUM SUSTAINABILITY

The BEUMER fillpac® FFS with a sustainability index of 60 (Excellent) offers sustainability at the highest level. The economy index of 20 is based, for example, on IE4 actuators and a throughput rate of up to 2,600 bags/h.

The innovative, compact, high-precision form-fill-seal system (FFS system) BEUMER fillpac® FFS masters all challenges posed by the filling and packaging of chemical and petrochemical products.

THOROUGHLY ECONOMICAL

The BEUMER fillpac® FFS provides a high throughput rate. It forms, fills and seals up to 2,600 bags per hour. A master weighing device ensures that no material is wasted through overfilling. The tight seal prevents loss of material in further handling. The bags are made from a roll-fed film, which saves costs and storage space compared with other bag material. In addition, IE4 actuators ensure low energy costs, while simple operation via the BEUMER HMI increases the efficiency of the work operations. The system is also economical when it comes to maintenance, with longer maintenance intervals achieved thanks to a rugged design and minimized wear. The modular design also guarantees simple cleaning and short retrofitting and maintenance times.

ECOLOGICALLY COMPATIBLE

Minimum use of paint, less steel, lighter weight: The BEUMER fillpac® FFS shows its ecological side right from the production stage. The system is also so compact that it fits in a standard container complete with the control cabinet, which allows eco-friendly transport. IE4 actuators reduce power consumption in operation. Electricity consumption per bag is 0.0019 kWh. Compressed air consumption is only 52 l per bag. And last but not least, virtually all machine components are recyclable.

SOCIALLY RESPONSIBLE

Very little welding work is required for installation, so that harmful fumes and risks for the eyesight are minimized. The machine is enclosed in order to prevent injuries in operation. Access to the danger zone is not possible. For servicing, the advantages of good accessibility and ergonomic design become especially evident. For example, the units are positioned at a convenient height to work on.



RELIABLE, CAREFUL AND SUSTAINABLE FILLING WITH THE BEUMER FILLPAC® FFS

HARD FACTS BEUMER FILLPAC® FFS

- › Bag forming, filling and sealing in one system
- › Throughput rate of up to 2,600 bags per hour
- › Compact, space-saving, enclosed design
- › Robust, low-vibration technology with oscillation-free bag guide system
- › Intuitive operation via an ergonomic BEUMER HMI



TECHNOLOGY AS FLEXIBLE AS IT IS SUSTAINABLE

The BEUMER fillpac® FFS performs three functions in one compact system: It forms bags from a prefabricated PE tubular film, fills them reliably and carefully with the desired product and heat seals the bags. Products with high temperature, unusual flow characteristics or low form stability are no problem – regardless of whether they are technical plastics such as PE, PP, PA and PS or salts, building materials, fertilisers or foodstuffs. There are numerous options allowing the unit to be adapted flexibly to different customer requirements. These include, for example, automatic film roll changing, freestanding film unwinding, rail-mounted or freely movable construction, and the processing of pre-stretched films.

The individual work stations for forming, filling and sealing are based on a modular design. This means that every unit can be treated individually for the purposes of retooling, cleaning or maintenance and can be exchanged if necessary. Thanks to its unique, symmetrical construction the BEUMER fillpac® FFS can also be operated flexibly from any side.

WELL-DESIGNED CONCEPTS

In order to minimize wear, the BEUMER fillpac® FFS guides bags in a linear motion to the individual work stages. That prevents the bags oscillating and thus also avoids vibrations that can be transferred to the system and can quickly result in wear.

Fast, reliable control and operation of the system is enabled by an ergonomic operating terminal: The BEUMER HMI supports the user by means of an optimised user interface and navigation with an easy-to-follow, intuitive interaction concept.