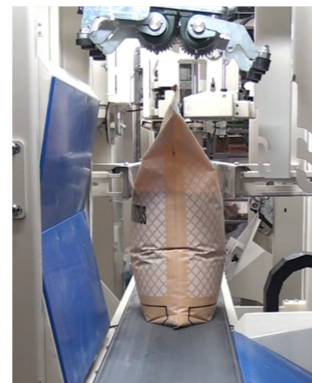


Designing & Manufacturing  
Packaging & Palletizing systems



BWA



**BW Packaging Australia**  
F7,13-15 Forrester St  
Kingsgrove NSW 2208

T +61 (0)2 9150 7055  
[www.barrywehmiller.com.au](http://www.barrywehmiller.com.au)

**SYMACH B.V.** Gerard  
Philipsweg 8 4538 DA  
Terneuzen Netherlands

T +31 115 685 625  
[sales@symach.nl](mailto:sales@symach.nl)  
[www.symach.nl](http://www.symach.nl)

**SYMACH FILLstar**  
Bag-filling machines  
full flexibility bagging



## Bag-filling machines

The versatile Star Series™ FILLstar bag-filling machine is designed for bagging all types of free-flowing materials featuring extreme flexibility in terms of bag materials as well as bag sizes and bag closures: with side fold (gusset) or flat, PE, PE-PET, aluminum coated, polywoven and paper open-mouth bags from 4 kg to 50 kg.

### Maintaining gussets

If a gusset is present, it remains intact even when the bag is filled, delivering a more aesthetically pleasing end result. Mechanical clamps consistently maintain the form of the bag, including the gusset, under the spout until the bag is transported through the closing station.

### Unique universal filling spout

The unique design of the universal filling spout guarantees the maximum opening of the spout for a large bag size range, for maximum product throughput. This universal

spout design enables recipe-based changeovers without the need for mechanically changing spouts. Designed in FDA approved High Density Poly Ethylene, to offer excellent sliding properties along with high impact strength and good wear resistance due to its low coefficient of friction.

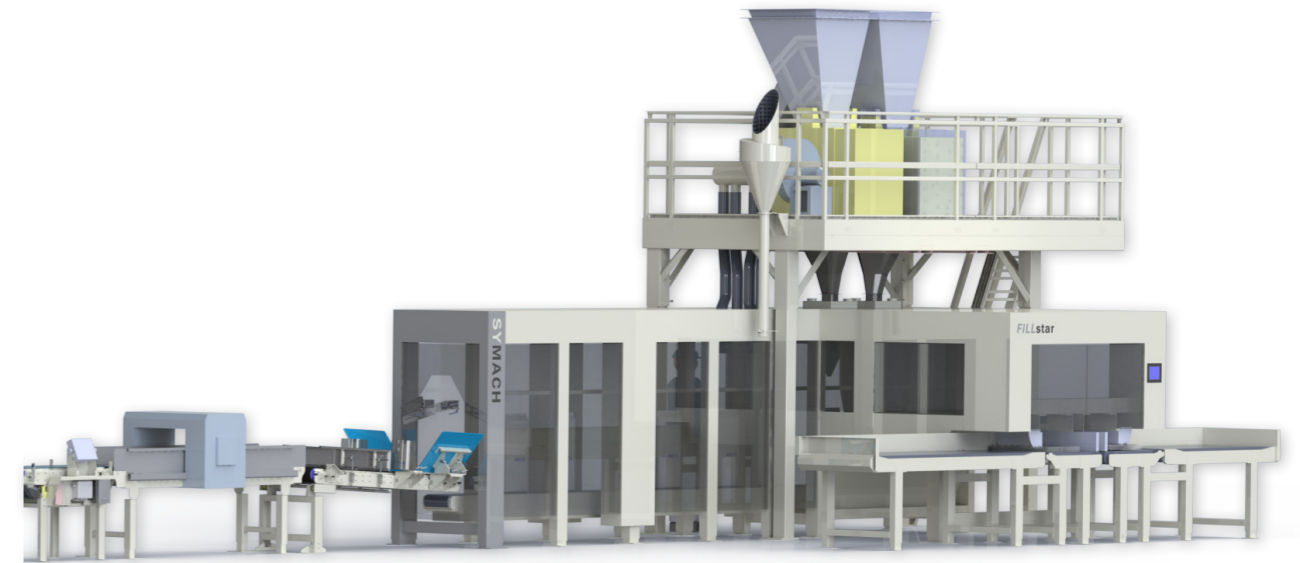
The modular design allows various bag closure systems to be integrated into the mainframe, such as sealing, stitching and pinch top closures. Changing the machine to other products and bags does not require any mechanical actions to be performed. The operator can quickly and intuitively set up and select recipes without assistance. The single spout bag-filling machines reach a speed of up to 20 bags per minute (BPM) while the double spout machines reach speeds up to 38 BPM. The bag magazine for empty bags provides the machine operator with ample operational autonomy.



## Options

The FILLstar can be equipped with several options, depending on product and packaging needs.

- Inert gas packing
- Product de-aeration
- ATEX design
- Bag top folder
- Bag labelling frame
- Double sealing
- WPP sealer
- Bag turning
- Bag kicker
- Tubular FFS bagging
- Double spout FILLstar
- Servo-controlled dosing



## Industries served

- Pet Food
- Animal Feed
- Sugar
- Rice
- Seed
- Pulses
- Fertilizer
- Salt
- Chemicals

## Important features

- High flexibility: all types of bags, various closing techniques
- Modular design
- Intuitive operation
- Quick and easy changeovers
- Compact industrial design



## Specifications

### Production Speed:

- Single spout up to 20 BPM
- Double spout up to 36 BPM

### Bag size:

- Face width 26cm minimum
- Length 45cm minimum

