

Your automation partner for the packaging industry

B&R is an integral part of the international packaging community supporting the development of industry standards



B&R has the perfect solution for all your packaging needs

B&R offers solutions for all types of packaging machinery: from primary and secondary packaging to end-of-line solutions. We address our customers' unique requirements and help them set new standards in flexible, productive, efficient packaging technology.

B&R with its innovative solutions in the context of Industry 4.0 and the Industrial Internet of Things (IIoT) promise to lower total cost of ownership (TCO) by simplifying the operation and maintenance of machinery.



Integrated automation
Global presence
Solid partnership



VFFS Automation Solution Package
Pre-engineered for highest performance



MM-FO-VFFS-IN-01



osp
PACKAGING

osp
VFFS

VFFS Automation Solution Package

Packaging OEMs are faced with meeting continuously rising consumer demands at the same time keeping costs in control. BSR OEM Solution Package for Vertical Form, Fill and Seal machine (ospVFFS) enables machine builders to meet various industry standards, reduces engineering effort, achieves higher performance, reduces total cost of ownership (TCO) and significantly reduces time to market (TTM).



Highly Flexible (Plug, Configure & Run)

- Pre-engineered package up to 7 axes
- Complete machine configuration from HMI
- No programming required
- Configurable motion profiles



Higher Productivity

- Dynamic adaption to user changes during production
- Web based easy diagnostics support (SDM)
- Intuitive web based help pages
- Configurable machine sequences



Meets the demand of Industry 4.0

- OMAC PackML states integrated
- OPC UA ready for IT and cloud connectivity
- Audit and event logging
- Configurable OEE characteristics

OMAC
USERS GROUP

OPC
Unified Architecture



Highest Software Quality

- Software developed and maintained by B&R
- Systematic and automated testing
- Sustainable version management including innovations
- Efficient & modular programming

osp
VFFS

ETHERNET
POWERLINK

OPC
Unified Architecture

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TECHNOLOGY

Automation solution for VFFS machine

Out-of-the-box | Scalable | Configurable



POWER PANEL

Integrated HMI & Controller

- Panel with Integrated high performance controller
- High-quality slim design
- High performance field-bus
- Glass front with multi touch capability
- Built in OPC-UA



ACOPOS P3

Modular drive system

- 69% smaller footprint with highest power density
- Digital encoder interface- Endat 2.2
- Fastest axis controller with 50 µs sampling
- PLCopen motion function blocks
- Single cable for Power and Encoder signal



X20 I/O

Flexible I/O system

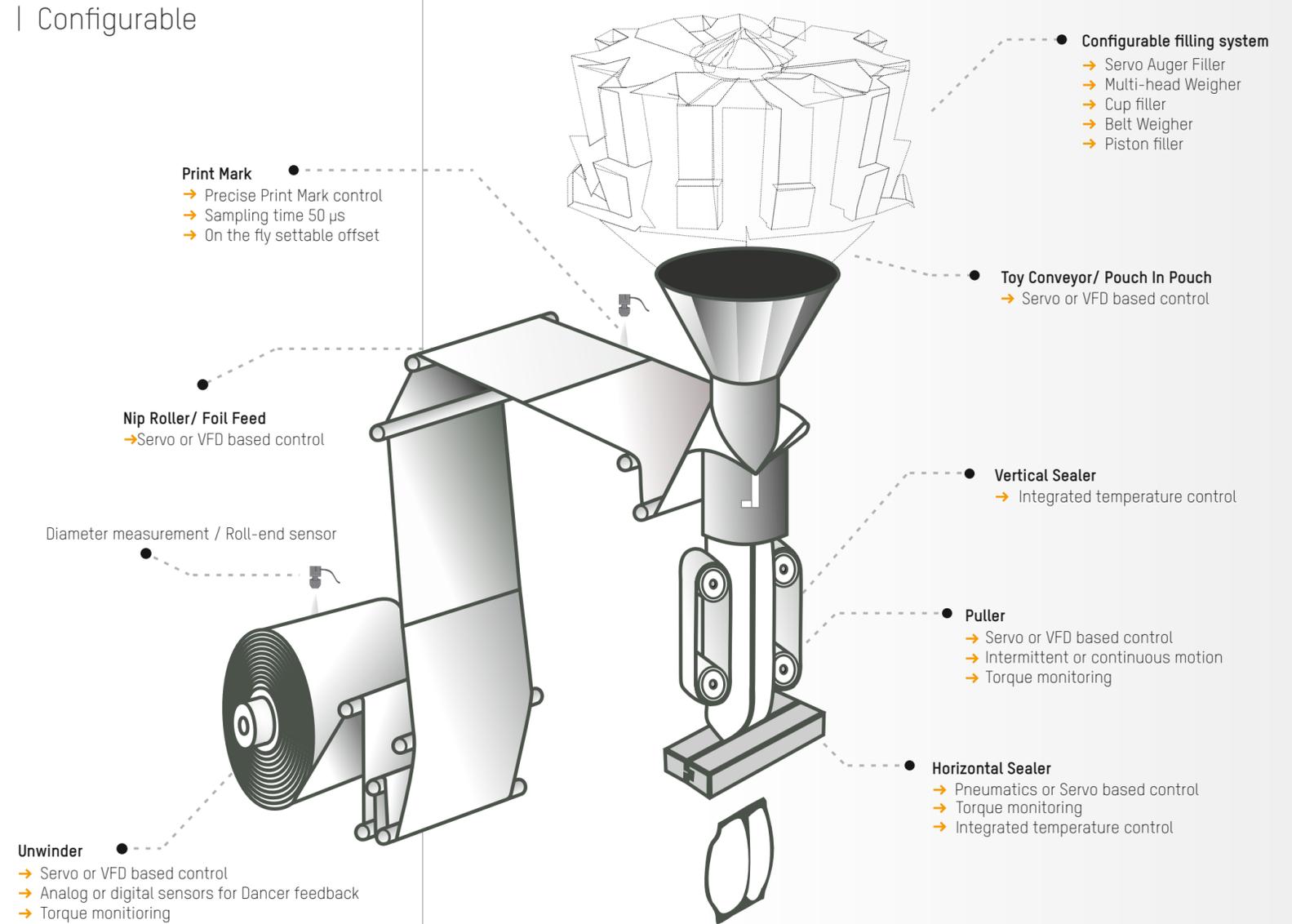
- Compact IP20 rated I/O system
- Build in diagnostics
- Hot Pluggable electronics
- Removable Terminal blocks
- Push in terminal for tool free wiring



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VIEW

Web based visualization

- Intuitive design with web based technology
- Scalable to any screen size
- Platform independence with HTML and OPC-UA
- Responsive design technology
- Future proof



Configurable attachments

- Infeed & Outfeed Conveyor
- Tendency Control
- Web aligner
- Cutter / Perforation / Batch coding/ Nitrogen/ Poker / Gusset/ Pin-hole/ D-Cut / Pouch holder discharge / Pouch holder Shaker / Pouch cooling

Highlights

- Fully configurable via HMI
- Customizable visualization themes
- On the fly settable product length
- Torque monitoring for servo
- Integrated temperature controller
- Supports recipe & user management
- Multi language support

User Benefits

- Single solution covering different machine types
- Configuration instead of programming
- Highest product quality with fully synchronized system
- Easy adoption of ospVFFS solution
- Foolproofing with digital twin