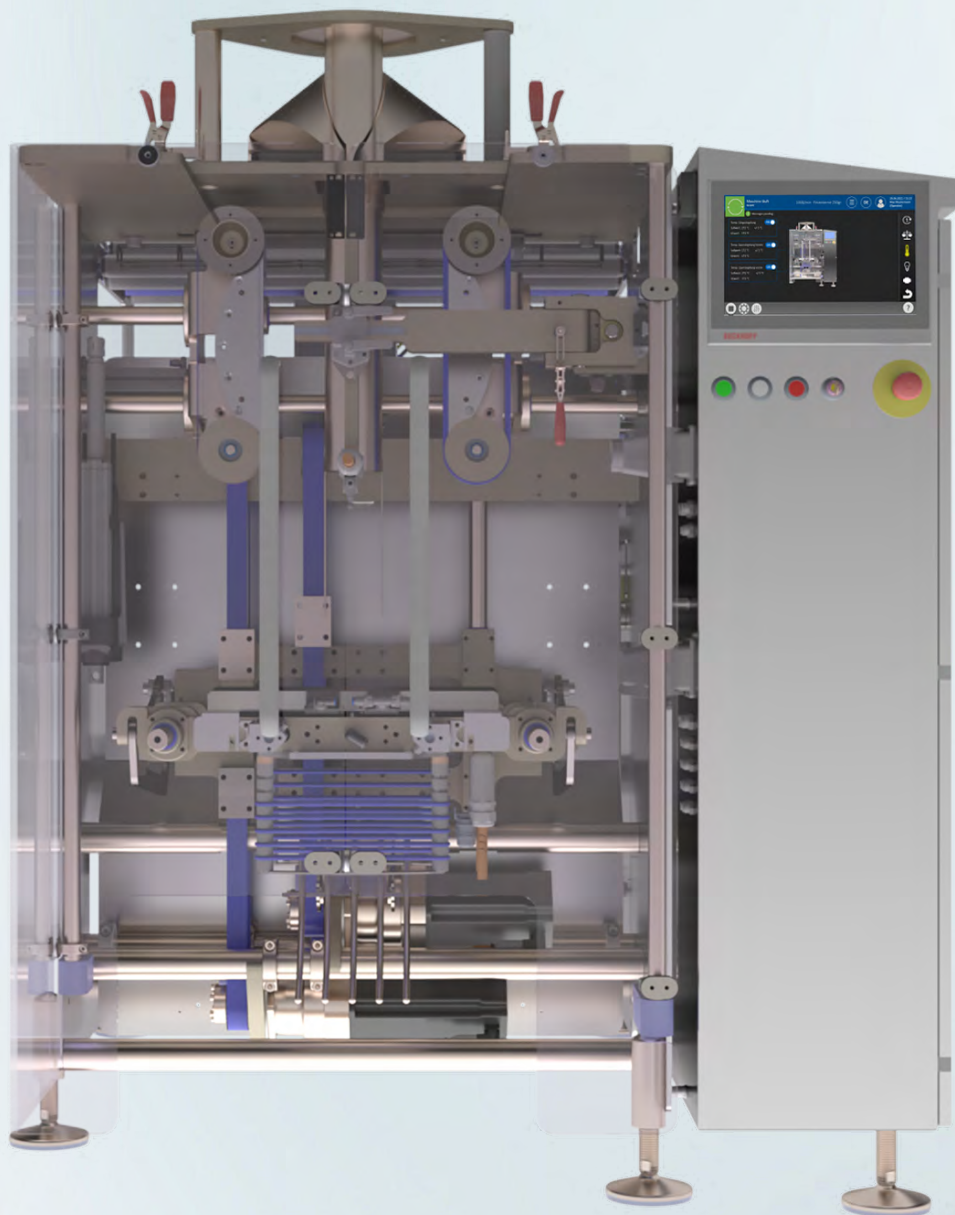




MEDIARIS

Vertical form, fill and seal machines



fast | compact | hygienic | modular

Baumann Maschinenbau Solms

is a member of the BAUMANN GROUP, located in Solms, Germany. Founded in 1978 Baumann Maschinenbau Solms is one of the leading players in the world wide graphics industry.

baumannpacking is a new and fast growing packaging technology branch, based on the long experienced in building machinery for over 40 years. The in depth technical know-how is bundled in a professional R & D department. More than 20% of the overall personnel are part of this department, which is a share far beyond the average of other competitors. New developments are also supported due to a close cooperation with Universities.



100% Made in Germany

Over 40 years expertise and experience in building and developing machinery are the foundation that we build the baumannpacking machinery range on. Solid and robust design, modern high quality materials and components characterize all our machine types.

Highest availability and efficiency are the targets of our developments.

MEDIARIS Vertical form, fill and seal machines are completely produced in our headquarters at Solms - 100% made in Germany.

Everything from a single source

Vertical form, fill and seal machines are the center point of your packaging line. To achieve safe and efficient packaging results all up- and down-stream systems need to be synchronized perfectly. Individually selected - tailored to your needs.



MEDIARIS || Your advantages

For any speed range

The MEDIARIS by **baumannpacking** can be configured individually for various speed requirements. Depending on its configuration, speeds of up to 220 cycles/min can be achieved in single-lane set-up. They are available as standard vffs-machines or as vertical stick bag machines.

Various executions can be configured due to the modularity and individual drive & control combinations:

- full vacuum belt pull system continuous motion
- full vacuum belt pull system intermittent motion
- Jaw pull system intermittent motion
- DUPLEX execution
- TWIN execution
- MULTILANE execution



Standard or **tailor-made**

Are you looking for a simple cost effective solution off the shelf? Your application needs tailored dimensions, line integration, special bag styles or delicate product handling? Well, MEDIARIS packaging machines are the answer to all those questions. Standardized modules allow adaption to your individual requirements, especially when it comes to demanding challenges. Standard applications can be realized in short time.

MEDIARIS || Sustainable and safely packed

Your products safely and sustainably packed

Sustainable packaging materials like paper and mono-material laminates are currently the no. 1 focus, driven by the market trend and also by the new environmental regulations. MEDIARIS packaging machines are the perfect choice to handle these challenging materials, without compromising in output or attractiveness of your bags.

Powerful seal systems, offering an optimal heat distribution and precise temperature control, makes sure that even those temperature sensitive packaging materials can be handled perfectly. Dynamic servo drives at the cross seal station allow sealing pressures of up to 6000N. Optimized moving profiles of the seal jaws allow long sealing time within the cycle, even at high output rates. Optional computer designed forming shoulders ensure a stable and controlled film handling.

Frozen Food

Fresh products

Powder products

Bulk products

Liquid and pasty products

Following seal systems are available:

- Heat seal system
- Constant heat system (PE)
- Impulse seal system(PE)
- Ultrasonic seal system
- Wattron seal system



We offer the ideal packaging solutions - for almost any application

MEDIARIS || bag types and multi-lane capability

classic vffs-bag types



Doy-Style



Pillow



Block-bottom
with sealed edges



Gusseted

Many possibilities - one system

You are fully flexible with a MEDIARIS and also ready for any future packaging trends. Upgrading and retrofitting is easy and available at low cost, due to the modular machine design. You can always present your products efficiently in the latest design, following or even setting market trends.

Pillow-Bag 1 to 4 lanes



1



2



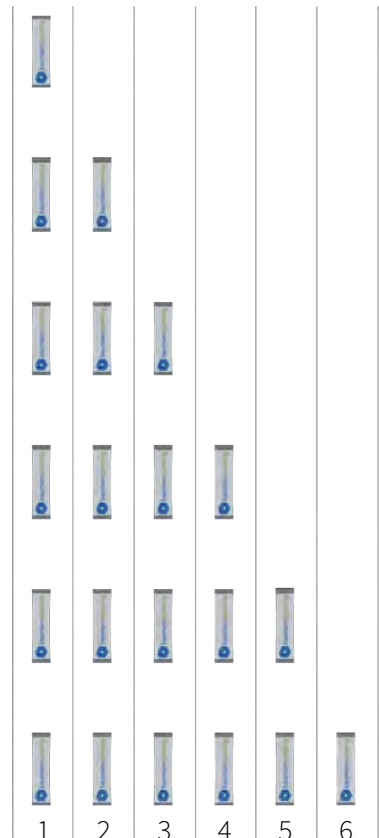
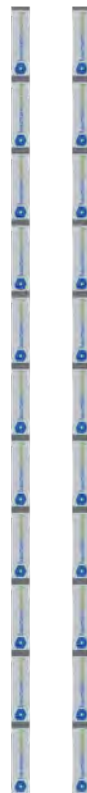
3



4



Stick-Bag 1 to 6 lanes



1

2

3

4

5

6

MEDIARIS || Individual like your application

Individually tailored – just **according to your demands**

Vertical form, fill and seal machines are the center point of your packaging line. To achieve safe and efficient packaging results, all up- and down-stream systems need to be perfectly synchronized and integrated.

baumannpacking supplies complete tailor-made packaging lines and integrates existing line components supplied by our customer.



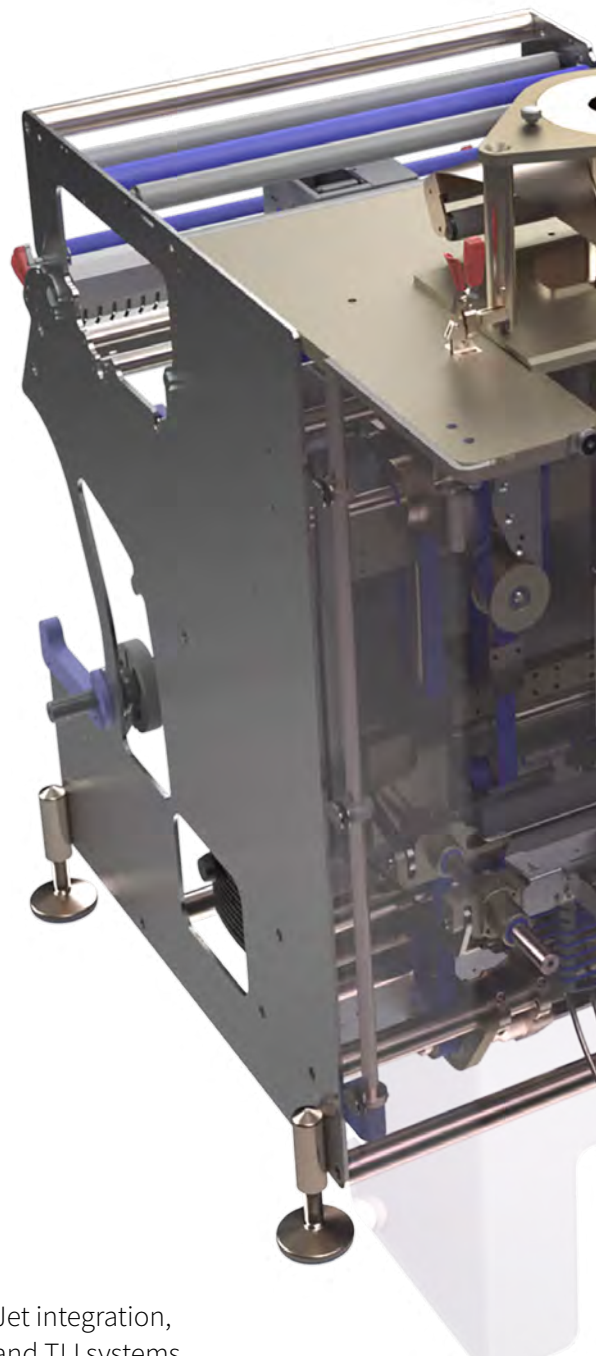
Conveyor with closed belt body



Conveyor with open body and individual belts



Ink-Jet integration,
CIJ and TIJ systems





TT-printer integration (all common brands)



Marking & labelling equipment



Integrated labelling systems

MEDIARIS || Vertical form, fill and seal machines

Form, fill and seal machines

Modular adaptable to your application - for various bag types and speed ranges.

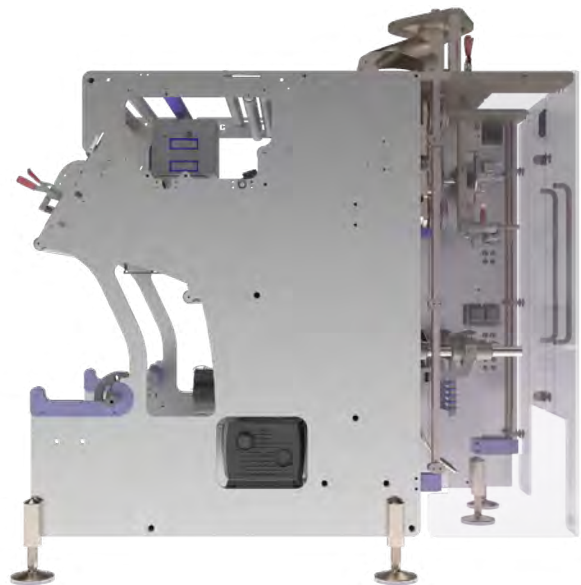


- Continuous, intermittent or hybrid operation mode
- Perfect machine access due to large doors, optionally made of laser cut stainless steel

MODEL	180	250	320	400
max. bag width	180 mm	250 mm	320 mm	400 mm
max. bag length*	300 mm	400 mm	500 mm	550 mm
max. film width	390 mm	540 mm	660 mm	825 mm
max. outer reel diameter*	600 mm	600 mm	600 mm	600 mm
max. mech. speed**	220 c/min	180 c/min	180 c/min	180 c/min

* optional longer | **cycles/min

- Narrow machine design for very low product drop and minimal footprint
- Hygienic Open-Frame-design, stainless steel,
- no hollow section profiles, to avoid bacteria nesting
- Quick and easy forming set changeover, due to light-weight forming sets
- Servo-driven seal systems for vertical and cross seals
- Stainless steel option for servo-drives, IP69k
- Up to 6000N closing/sealing pressure at the cross seal tools
- Opening width of the cross seal tools variable
- Automatic calculation of drive profiles at cross seal and stroke axis (continuous motion only)
- Maximized seal time and product protection



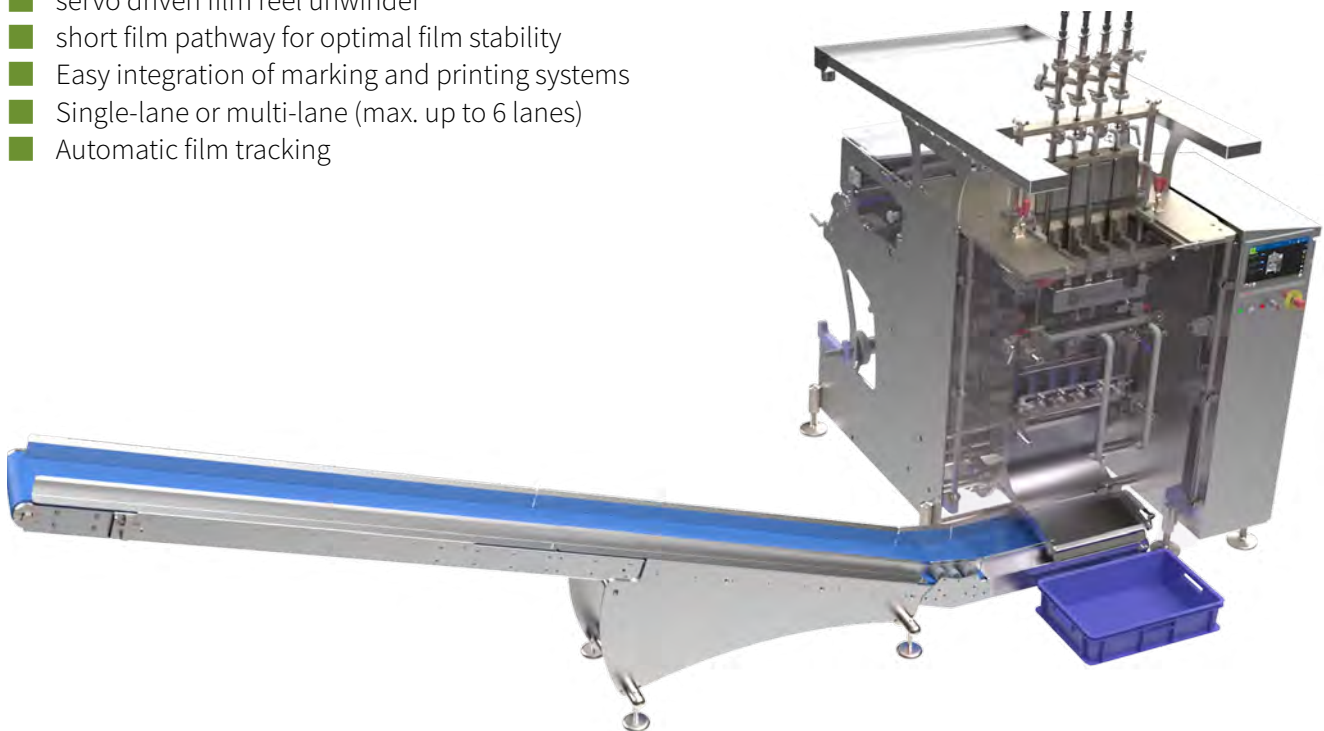
- Future-proof industrial-PC control from BECKHOFF
- Integrated 12“-Touch- HMI 4.0 - with intuitive operator menus, optional 15,6“ HMI available
- Maximum operator support due to integrated remote-service module via TEAMVIEWER
- cross seal pressure adjustable via HMI
- Paperless access via HMI to manual, wiring diagram, pneumatic diagram and spares list
- Video-Tutorials for operators at HMI
- Customer's tutorials or checklists can also be displayed at the HMI optionally
- Optional recipes change with Bar-Code-Scanner
- Optional HMI access through RFID-Chip
- Optional OPC/UA server

- Servo-driven film reel unwinder
- Automatic film tension control by integrated weigh cell (continuous motion only), settings are storable in the individual recipes
- Extremely short amount of film inside the machine for an optimal and stable film run
- Automatic film tracking
- Easy integration of optional printing and labelling equipment, perfect access



MEDIARIS || Vertical stick-bag machines

- Intermittent motion principle
- Narrow machine design for very low product drop
- compact design for minimum footprint requirement
- hygienic design Open-Frame housing, stainless steel, no hollow sections
- Servo-driven seal system for the cross seals, optionally for vertical seal(s)
- Stainless steel option for the servo drives, IP69k
- Up to 6000N sealing/closing pressure at the cross-seal tools
- Sealing/closing pressure individually adjustable & storable via HMI
- Opening width of cross seal tools variable
- Computer designed forming shoulder(s), tooled out of hard anodized aluminium
- shoulder can optionally be equipped with hinges, for easy cleaning
- Integrated deflection roller at the shoulder inlet - no mechanical adjustments
- Integrated forming set lift device (option) for easy forming set changeover
- Tensioning of film with wing arm, with optional pneumatic support
- Perfect accessibility through large safety doors, optionally laser cut stainless steel
- servo driven film reel unwinder
- short film pathway for optimal film stability
- Easy integration of marking and printing systems
- Single-lane or multi-lane (max. up to 6 lanes)
- Automatic film tracking



MODEL	600	800
min. bag width	7 mm	7 mm
max. bag length*	180 mm	180 mm
max. film width	600 mm	800 mm
max. outer reel diameter*	600 mm	600 mm
max. mech. speed**	120 c/min	120 c/min

* optional larger | **cycles/min



MEDIARIS Stick-Bag lines are perfect for the production of the popular portion bags. The modularity allows a spread from 1 to 6 lanes per cycle.

High quality computer designed forming shoulders, which can be optionally hinged, allow precise film handling and easy cleaning of forming tubes.

Stick-Bags are perfect for filling liquids, viscous products, granules and powders. The relevant dosing devices are mechanically and electronically integrated.



Vertical seals at various positions and easy-open features make presentation and handling of your Stick-Bags unique. Optional contour die-cut tooling creates special shapes and adds even more functionality.



square



round



easy-open
notch



easy-open
slit



contour



no contour



straight
cross cut



serrated
cross cut



Your products safely packed

MEDIARIS

Vertical form, fill and seal machines
Vertical Stick-Bag machines

Also part of our portfolio:

AGILIS

Vertical form, fill and seal machines
Vertical Stick-Bag machines
Vertical Sachet machines

PRIMARIS

Vertical form, fill and seal machines
Vertical Stick-Bag machines
Vertical Sachet machines

OVALIS

Fill- and seal machines for premade bags

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