

FLOW

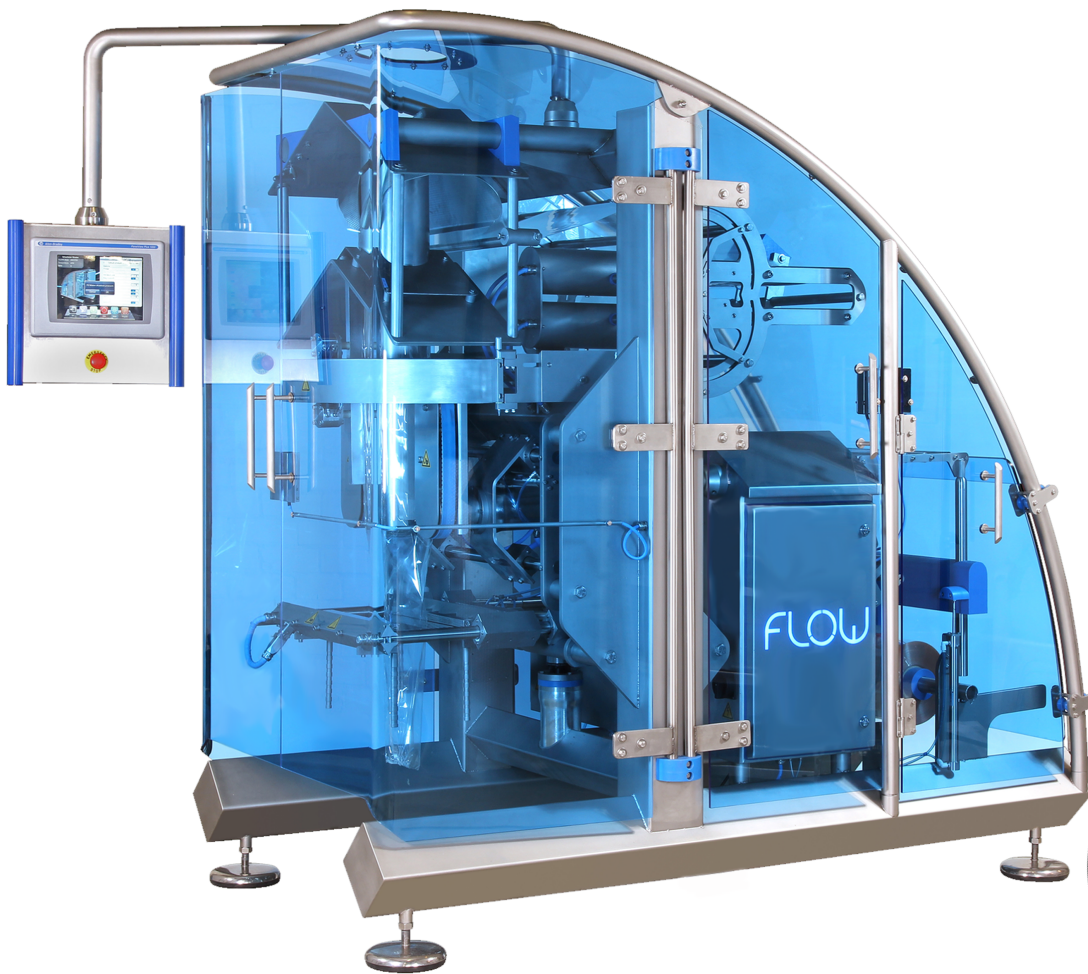
vertical form, fill and seal machine



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GKS Packaging

Inventive simplicity



- The next generation vertical form, fill and seal machines
- EHEDG; stainless steel; hygienic design
- Modular construction
- High IP rating; IP 67 throughout the machine with IP 69K servo motors
- Allen Bradley PLC and electrical components
- Servo drive on both the sealing system and film transport



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FLOW

vertical form, fill and seal machine

Vertical form, fill and sealing machines create bags from a flat film from the reel. The machines are suitable for packing many types of food and non food products.

FLOW distinguishes itself from other packaging machines by its hygienic design, full stainless steel construction (no aluminum parts), high packaging speeds and very user friendly interface. With an IP rating of IP 67 throughout the machine (IP 69K on the servo motors), the machine can be washed down both on the outside as well as on the inside of the machine frame.

FLOW is especially designed for packaging processes with a medium to high capacity in an environment in which hygiene and cleaning are the highest priority. The machine is available with various continuous heated sealing systems to process a wide variety of packaging materials; PP, PE, laminated and co-extruded films.

The machine has an open construction, so it is easy to clean and parts are easily accessible. This creates a reduction in downtime and costs during maintenance work. Options and components can be retrofitted easily and quickly.

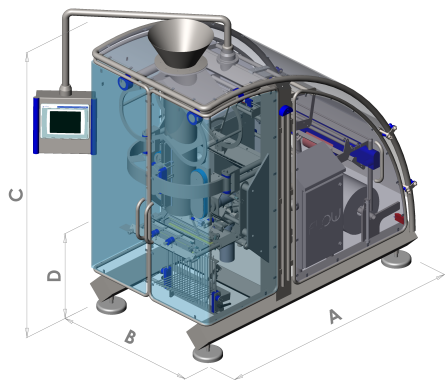
Machine is standard equipped with:

- EHEDG; stainless steel; hygienic design
- Machine safety according to CE regulations
- Allen Bradley PLC with 11" full color touchscreen and 99 programs can be created and stored
- Photocell for bag length detection with pre-printed film
- End of film detection
- Pneumatic opening and closing of the servo driven film pull belts
- Ergonomic film support with motorized drive and pneumatically locked axle
- Low power and air consumption
- Cover plate over the entire machine

Options:

- QC-Seal system (LDPE, PP + Laminated films)
- Air cooling on sealing system
- Euroloch or handgrip sealing system
- Block bottom/gusset mechanism
- Lateral film guiding system
- Film splice table
- Vibration unit
- Bag support system
- Connection for gas flushing (MAP)
- Vacuum system
- Perforation systems
- Printing and labeling systems
- Servo driven printer positioning (stored in program)
- Various weighing and dosing systems
- Customer specific options on request

FLOW



A B C D

FLOW 350 2.010 mm 1.130 mm 2.020 mm 660 mm

FLOW 500 2.340 mm 1.430 mm 2.140 mm 950 mm

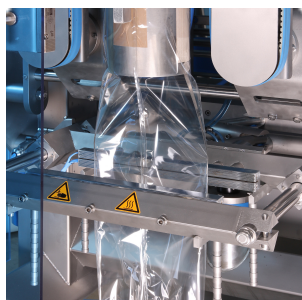
Technical specifications

FLOW 350

FLOW 500

Bag width (pillow)	50 - 350	200 - 500 mm
Max. bag length	unlimited	unlimited mm
Max. bag length per sealing step	470	610 mm
Max. production speed	120	90 bpm
Film thickness	25 - 130	25 - 130 µ
Core diameter	76 (3")	76 (3") mm
Max. film width	740	1.040 mm
Max. outer diameter film roll	500	500 mm
Power during production	ca. 1.800	ca. 1.800 Watt
Voltage	230 Volt/50 Hz/16 Amp	

All dimensions and specifications are indications based on standard set up. Final details depend on customer specifications



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