

prewa

Verpackungsmaschinenbau GmbH

CUBIX Tubular Bag Machines





CUBIX

Tubular Bag Machines

- Vertical form tubular bag machines for **intermittent** operation up to **80 cycles/min**
- Up to **8,000N** crosswise sealing pressure
- **Format ranges** (bag widths)
 - Up to 300mm - Type 30/50 MS
 - Up to 350mm - Type 35/50 MS
 - Up to 450mm - Type 45/60 MS
- **Special sizes**
 - Up to 550mm - Type 55/00 MS
 - Up to 750mm - Type 75/00 MS

- Vertical form tubular bag machines for **continuous** operation up to **150 cycles/min**
- Up to **8,000N** crosswise sealing pressure
- **Format ranges** (bag widths)
 - Up to 300mm - Type 30/00 KS
 - Up to 350mm - Type 35/00 KS
 - Up to 450mm - Type 45/00 KS
- **Special sizes**
 - Up to 550mm - Type 55/00 KS
 - Up to 750mm - Type 75/00 KS





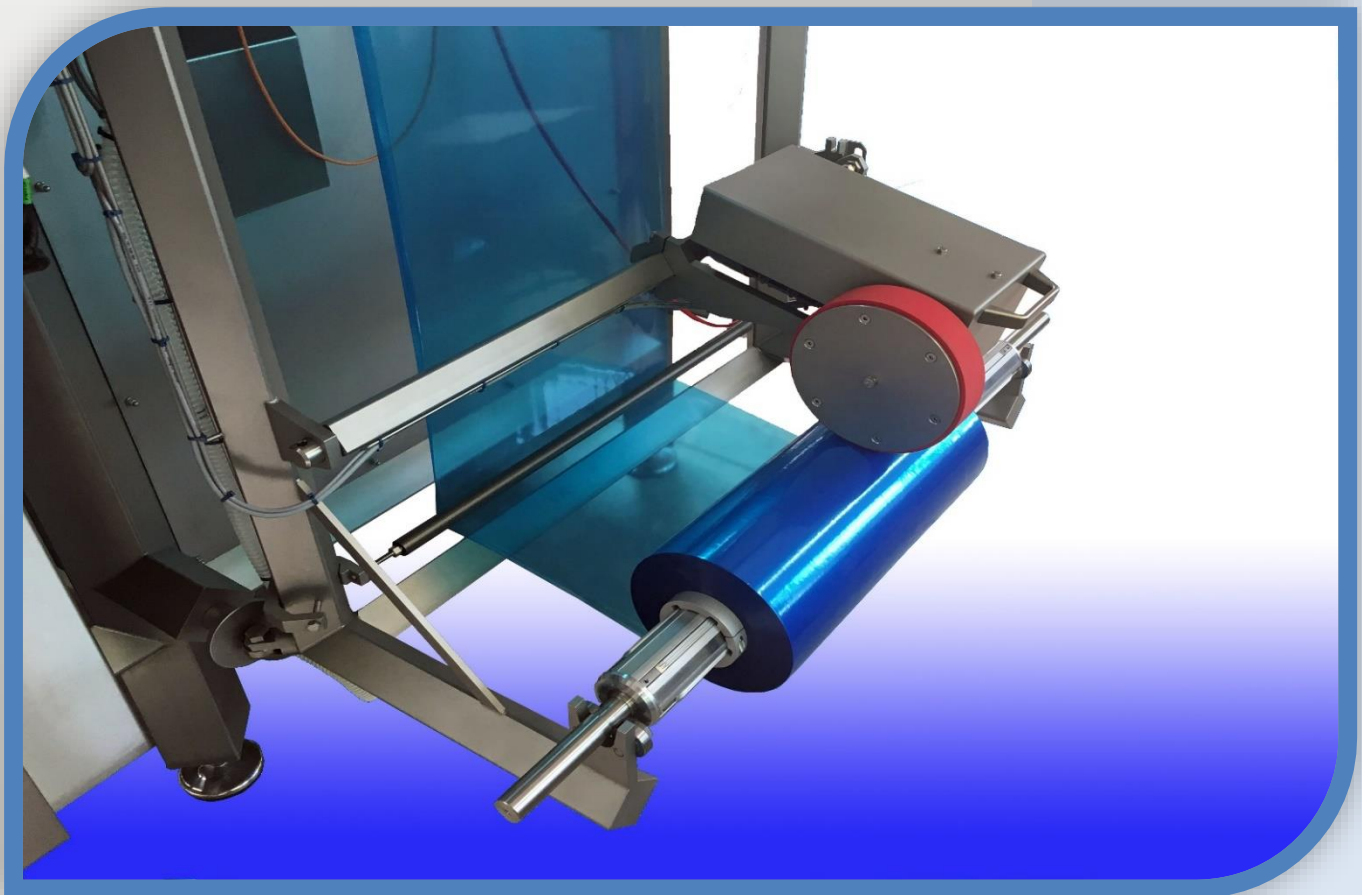
- In a complete **stainless steel edition**
Excluding electrical add-on parts such as motors and pneumatic add-on parts
- **Electro-polished machine**
As an option for an absolutely clean and hygienic machine interface
- Machine is available in either a **stainless steel** or lacquered version
NE aluminum hard-coated add-on parts
- Easy-to-clean **CUBIX-Design**
- Especially suitable for **wet-cleaning**
- The **CUBIX-Design avoids horizontal surfaces**



- **Solid stainless steel tubular frame** for **highest robustness**
- **Security doors stainless, steel grid** or **polycarbonate panes**
- **Perfect visibility** to the work area even after a longer operating time in **wet** or **fatty air** conditions

- Optional **stainless steel sink** above the basic machine with an integrated draining connection
- **Modular system** for customized adjustment of the height and right-left versions

- Frequency-controlled roller drive for constant foil tension and rolling speed of continually decreasing roll diameter
- Roller reception with pneumatically-tensed carrier wave for simple and quick roll changes; roll diameter of 450 mm with an option for a larger roll
- Integrated foil clamps and adhesive device, optionally with a weld-on device (for polyethylene films)
- Foil track with an integrated edge guide control for automatic centring the rollstock in the packaging machine





HMI User-friendly operation and visualisation

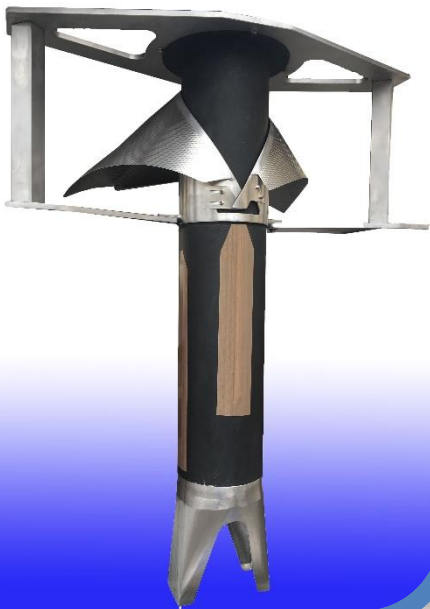
- **7 inch** - touch panel from **Siemens** as HMI
Optionally also as 12 inch
- **Password protection**
- Menu guidance with a **clear text display**
- Over **100 programmes/recipes** are storable
Optionally extendable
- Automatic **fault diagnosis/remote maintenance** are optional
- **USB interface** for data security on a flash drive
- Optional connection to superordinate control rooms
- **Stainless steel control cabinet - hygiene version**
- **SIEMENS** PLC control of the **[S7]** - series

- The illustration shows a continuously operating machine with an integrated "**motion-control**" functionality for electronically networked servo-drives (according to the principle of an electronic master shaft)
- Enables the tubular bag machine to be adjusted very easily for changes of either the format or the product
- VDE-compliant control cabinet construction





- **Quick clamp device** for the forming set mounting attachment
- Forming set in a **quick-change mounting plate**, made completely of stainless steel, with weight-reduced retaining plates.



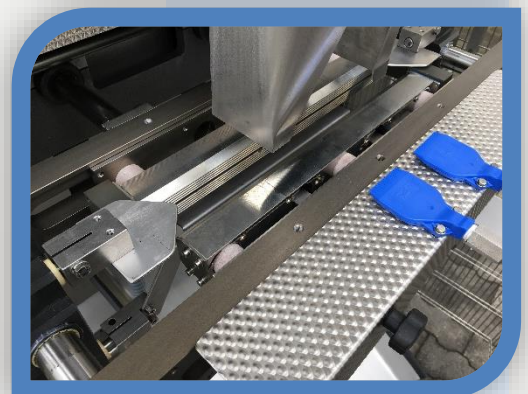
- Filling pipe with optional **non-adhesive coating**, especially for frozen food or humid manufacturing plants
- Option for coated forming shoulders for reducing wear and tear

- Foil pull-off on the format pipe with **vacuum extractor belts** (serial for continuous machine, optional for intermittent tubular bag machines)

- Precise bag length control for unprinted foils



- **Equipped with transverse welding tools** with continuously heated sealing jaws (**without pulse tapes**) for polyethylene or thin composite film



- Pneumatic and electric supply from the external aggregates is executed exclusively through the stainless steel tubular frame

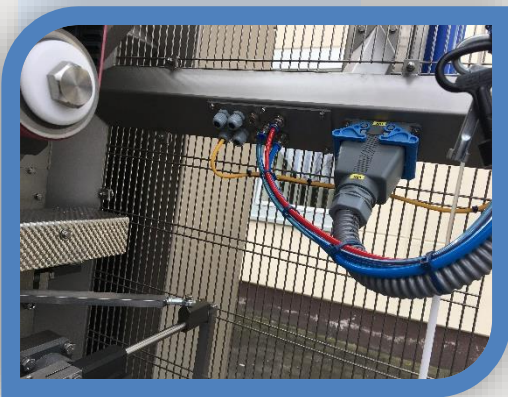




- Interior of an intermittently operating **CUBIX** tubular bag machine with a **pneumatic carrier plate** for easy and direct access to the valve islands and the pressure regulator
- Complete pneumatic equipment from renowned manufacturers (**FESTO** or **SMC**)

Optional:

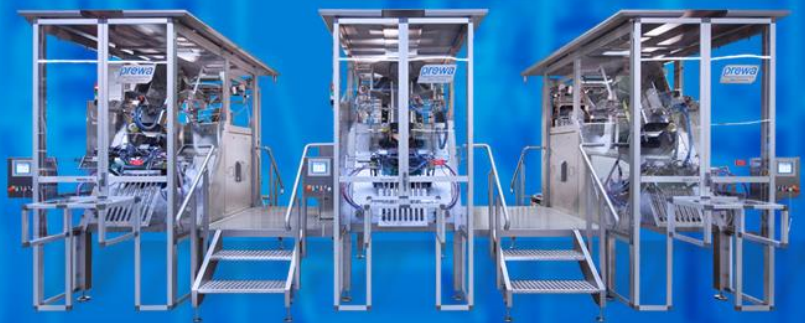
- Rubberized drip pans
- Air ejector for ventilation of the filled bags below the sealing strips
- Sealing strips in **quick-change edition**
(Replacement set is available optionally)
- Accessories for the production of all common bag shapes
- Forced splaying of flat bags





Machines	Prewa MS, KS servo-controlled drive.
Model	Model = bag dimensions 25/40MS = B 50 - 250 x L 400mm 25/40KS = B 50 - 250 x L 400mm 30/50MS = B 50 - 300 x L 500mm 30/50KS = B 50 - 300 x L 600mm 35/60MS = B100 - 350 x L 600mm 35/60KS = B100 - 350 x L 600mm 45/00MS = B200 - 450 x L1000mm 45/00KS = B200 - 450 x L1000mm
Yield per minute	Approx. information 25/40MS - 30/50MS up to 60 bags / min. 25/40KS - 30/50KS up to 120 bags / min. 35/60MS - 45/60MS up to 50 bags / min. 35/60KS - 45/00KS up to 100 bags / min.
Wrapping materials Ø	350 - 400 max. 600mm Core Ø 76 - 100mm
Wrapping materials	PL or composite foils
Sealing method: Fine seal Lap seal	Heat-sealing, impulse sealing method with tapes, continuous sealing, PE without sealing tapes, Hot-air sealing - longitudinal seams

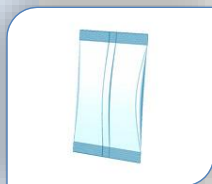
Bag shapes	Flat bags, gusseted bags, upright bags, upright bags with lateral longitudinal-sealing, bags with a carrying handle, carton tag bags, bag-on-a-roll bags, tetrahedron-shaped bags and four-side-sealed bags
Synchronisation	With all commercially available dosages, such as scales, auger dosing system, volume dosages, counting machines, dosing pumps and product advancements, printing and labelling devices
Mechanical engineering	Only components from renowned vendors are used
Control system	PLC components from Siemens or customer specifications
Touch panel	A 7-inch, optionally 12-inch, menu-driven user interface
Air consumption	100-500 l / min. depending on the usage of the sealing system
Electric consumption	6-7 KVA 230/400V, 50 Hz, 3 phases
Protection class	IP 54-65



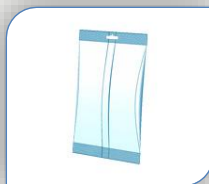
Made in Germany



Gusseted bag



Flat bag



Euro-hole



Upright bag



Upright bag with
edge sealing

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