

# SMART AUTOMATIC BAG MAKING MACHINE



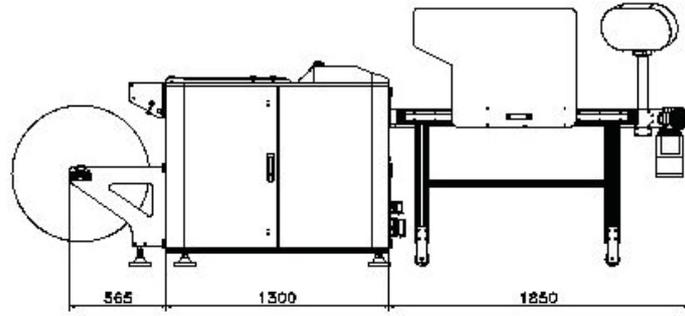
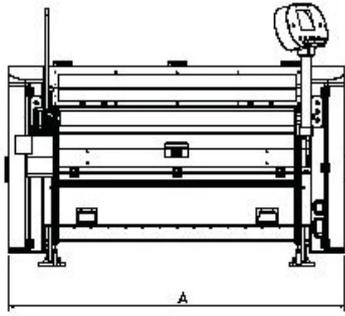
## TECHNICAL CHARACTERISTICS

BMTEK's SMART model can produce bags and sacks in LDPE , HDPE , MDPE, recycled and Biomaterial

SMART guarantees consistent production and short set-up times

- The sealing system is controlled by a desmodromic cam movement
- The bag is cut by a flying knife mounted on a belt
- Every nip can be opened pneumatically to facilitate insertion of the film
- The SMART is equipped with a HMI touch screen for the operator to set bag sizes and production parameters, and which display alarms, enabling faults to be quickly rectified, minimizing downtime.
- BMTEK offers a wide range of in-line and stand-alone accessories for maximum versatility in the bag types which can be produced.
- Only one additional accessory enables SMART to run in-line with an extruder.
- BMTEK's SMART model guarantees great performance despite its compact size.

# LAYOUT



## INNOVATIONS:

Bmtek is always looking for innovative and functional solutions, in order to guarantee to its customers a perfect production and a constant cost reduction.

What we offer:

- electronic cam system studied and customized to obtain an optimal production with any kind of material;
- possibility of constant software updating through USB system;
- an energy recovery system using decelerations of kinematic motions of the bag-making machine (ENERGY SAVER) and allowing this way cost amortization in shorter time.
- Occupied space reduction, thanks to the reduced size of the machine.

## TECHNICAL DATA:

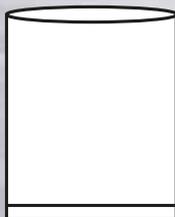
### SMART 1.4

Machine width	1948 mm
Max width of welding	1400 mm
Max length of bags	2000 mm
Min length of bags	100 mm
Max thickness of welding	4 x 300 $\mu$ (LPDE)
Min thickness of welding	2 x 10 $\mu$ (HDPE)
Max speed of cycle	90 cycles/min
Min speed of cycle	10 cycles/min
Speed of production	80 m/min
Used power	3,5 - 5 kW/h *
Installed power	11 kW
Power with energy saver	15-20% less *
Main Voltage	400V/3/50 Hz
air supply	6 Bar

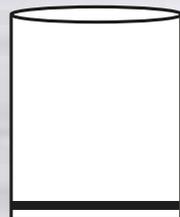
\*on the speed of the machine and the length of the bag;

NB: production speed depends on the thickness and the type of material used

## WITH THE STANDARD VERSION OF SMART MODEL YOU CAN PRODUCE



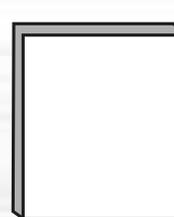
STANDARD  
SEAL



REINFORCED SEAL  
for heavy  
duty bags



DOUBLE  
BOTTOM SEAL



LONGITUDINAL CUT  
for plastic  
and paper



PRINTED FILM

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