

HGL AUTOMATIC BAG MAKING MACHINE

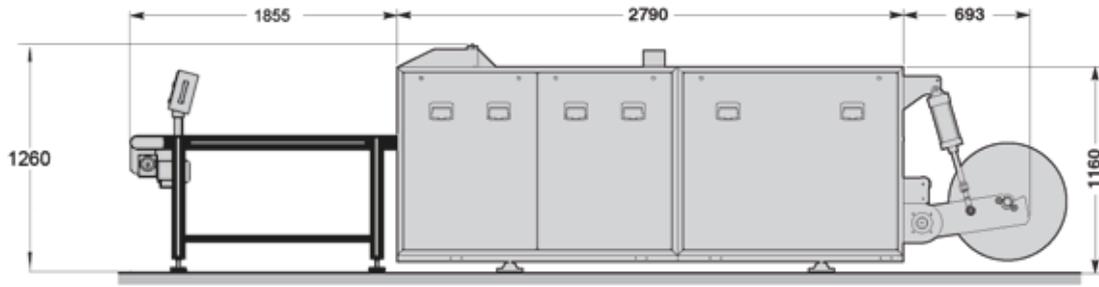


TECHNICAL CHARACTERISTICS

BMTEK's HGL model can produce bags and sacks in LDPE , HDPE , MDPE, recycled and Biomaterial
HGL 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 HGL 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 HGL to run in-line with an extruder.

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.

TECHNICAL DATA:

HGL 1.6

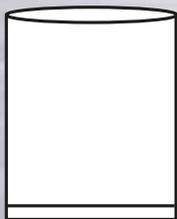
HGL 2.0

Machine width	2402 mm	2802 mm
Max width of welding	1550 mm	1950 mm
Max length of bags	5000 mm	5000 mm
Min length of bags	100 mm	100 mm
Max thickness of welding	4 x 250 μ (LDPE)	4 x 250 μ (LDPE)
Min thickness of welding	2 x 12 μ (HDPE)	2 x 12 μ (HDPE)
Max speed of cycle	120 cycles/min	110 cycles/min
Min speed of cycle	10 cycles/min	10 cycles/min
Speed of production	90 m/min	90 m/min
Used power	5 kWh	5 kWh
Installed power	25 kW	25 kW
Power with energy saver	15-20% less*	15-20% less*
Main Voltage	400V/3/50 Hz	400V/3/50 Hz
air supply	6 Bar	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

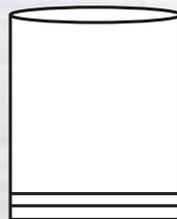
WITH THE STANDARD VERSION OF HGL MODEL YOU CAN PRODUCE



STANDARD SEAL



REINFORCED SEAL
for heavy
duty bags



DOUBLE
BOTTOM SEAL



LONGITUDINAL CUT
for plastic
and paper



PRINTED FILM

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