

EPSILON AUTOCENTRING MACHINE



EPSILON stacking machine is designed for the counter-folding of the flat household linen, such as table-cloth guards and table clothes, with maximum folded size of 420 mm in length and a maximum width similar to the operating lanes (i.e. 110 cm for line 330, 117 cm for line 350, 130 cm for line 400). Placed on an ironing line, behind a lengthwise folding machine with three lanes and at least two folds, it allows the piling up of the items of each lane on their corresponding belts, subsequently conveying these piles on the centralized pile belts. The packages can be caught on the right or on the left, according to the specifications made when ordering the machine. The machine employs a function of electro-mechanical type, managed by a PLC electronic system. The centering of the item is performed by mechanical paddles controlled by photocells, which, during the descent of the blade for counterfold, allow to perform the fold exactly in the center of it. The tilting system, joined the group descender, allows an accurate stacking of linen for each lane. Each pack, reached the number of item set, it is then transported to the operator side of the machine. Epsilon is equipped with fixed wheels that allow you to move in line on two tracks fixed to the floor, and an editing table back to a by-pass of the items in manufacturing. The constructive and functional characteri-

stics allow a complete view of the working cycle of the item, and allow the machine to a considerable speed of work and consequently to a high hourly productivity ■

E VERSIONS EPSILON

- 1 working lane
- 2/3 working lanes

E TEAMWORK

- **ALFA** Bed Sheet folding machine
- **BETA** and **GAMMA** Napkin folding machine

E TYPES OF FOLDING

Table-cloth guard > 3 folds > Final format:
Length max. 42 cm x $\frac{1}{2}$ of the width (min 40 cm/
max 110cm). this figure depends on the width of a
lane 110, for a total working width 3300.

TECHNICAL FEATURES EPSILON VERSION 3300 STD

HOURLY FOLDING CAPACITY UP TO 2800 ITEMS/HOUR

WEIGHT 1100 KG

WORKING WIDTH 3300 MM

MAX WIDTH STD 4200 MM

MAX DEPTH STD 1700 MM

WORKING HEIGHT 950 MM

MAX HEIGHT STD 1610 MM

FOLDING SPEED 40 MT/MIN.

AIR CONSUMPTION AT THE MAX PRODUCTION 150X3 NL/MIN

VOLTAGE 3X400 50 HZ+N+T

INSTALLED POWER 1,3 KW

AVERAGE POWER CONSUMPTION 0,6 KW

LINE AIR PRESSURE 6 BAR MIN 10 BAR MAX

OPERATING PRESSURE 6 BAR