ENVELOPING & STACKING MACHINES

- COMPACT DESIGN
- SUITABLE FOR ALL OPERATIONAL NEEDS
- UP TO 170 ENVELOPED PLATES/MIN
- DESIGNED FOR SLI AND START&STOP APPLICATIONS
ENVELOPER 170

- Stable machine frame with integrated exhausting channels, connection for dust aspiration, ventilated plate loading tables; all machine doors with sound absorbing rubber seals; machine mounted switchboard cabinet;
- Three NEW Plate Conveyors for manual plate loading with plate stacks in HORIZONTAL position, with plate stack lifting tables incl. top level control; lug side in fixed position;
- Three plate separation units, releasing exactly one plate per feeding cycle;
- Three NEW Overhead Vacuum Plate Feeding Belts for all kind of plates as: cast, expanded metal, punched, etc. picking up the plates from the horizontal plate stack, feeding it through the lug brushing station and releasing the plate only directly into the plate infeed conveyor;
- Third Plate loading conveyor for END/ODD plates positioned behind the stacking disc wheel;
- Electronic, non-contact double plate detecting system;
- Servo-Driven vacuum transportation system for any kind of coiled separator;
- Infinitely variable separator length adjustment by SERVO DRIVE on Touchscreen Panel (very simple and accurate);
- Rotary separator cutting and pre-folding device;
- Variable machine speed with frequency converter;
- Vacuum produced by side channel blower;
- Rotary crimping unit (mechanical sealing);
- Colour mark detectors for checking PE separator on bottom and top side;
- 8 disc element stacking wheel;
- Speed controlled element extractor on horizontal linear unit;
- PLC: Allen Bradley or Siemens;
- Input keyboard;
- Digital speed indicator;
- Nominal speed per min.: approx. 105-110 enveloped plates per minute;
- Plate range: width 105-153 mm; height 95-152 mm; thickness 0.8-2.5 mm;
- Automatic machine stop for separator end;
- Separator folding with special spring steel folding sheet;
- 3-disc group stacking wheel;
- PLC: Allen Bradley or Siemens;
- Input keyboard;
- Digital speed indicator;
- Automatic machine stop when plates or separator are missed;
- Stacking program storage system;
- Quick separator roll change device (one reserve roll);
- Machine covering in front with polycarbonate glass doors;
- Machine lighting;
- Variable machine speed with frequency converter;
- Nominal speed: up to 110 enveloped plates per minute;
- Conveyor (2,1 m) for the transportation of elements in vertical position (lugs on top).

ENVELOPER 110

- Quick separator roll change device (one reserve roll);
- Machine covering in front with polycarbonate glass doors;
- Machine lighting;
- Variable machine speed with frequency converter;
- Nominal speed: up to 110 enveloped plates per minute;
- Plate range: width 105-153 mm; height 95-152 mm; thickness 0.8-2.5 mm;
- Element thickness: 20-110 mm;
- Automatic machine stop for separator end;
- Folding sheet complete incl. deposit sheet (requested for each plate dimension);
- Separator folding with special spring steel folding sheet;
- 3-disc group stacking wheel;
- PLC: Allen Bradley or Siemens;
- Input keyboard;
- Digital speed indicator;
- Automatic machine stop when plates or separator are missed;
- Stacking program storage system;
OVERALL DIMENSIONS

TECHNICAL DATA

<table>
<thead>
<tr>
<th></th>
<th>E-170</th>
<th>E-110</th>
</tr>
</thead>
<tbody>
<tr>
<td>Production (PE) enveloped plates/min</td>
<td>170</td>
<td>110</td>
</tr>
<tr>
<td>Production (AGM) wrapped plates/min (AGM)</td>
<td>140</td>
<td>-</td>
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<tr>
<td>Production with leaf type Separator</td>
<td>120</td>
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<tr>
<td>Max element thickness (mm)</td>
<td>20-115</td>
<td>20-110</td>
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PLATE DIMENSIONS (mm)

<table>
<thead>
<tr>
<th></th>
<th>E-170</th>
<th>E-110</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height (w/o lug)</td>
<td>95-152</td>
<td>95-152</td>
</tr>
<tr>
<td>Width</td>
<td>102-153</td>
<td>105-153</td>
</tr>
<tr>
<td>Thickness</td>
<td>0.8-2.5</td>
<td>0.8-2.5</td>
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</tbody>
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