COMPACT, DURABLE AND FULLY-AUTOMATED, THE PEELMASTER PM-01’S SPEED AND QUALITY GIVES NEW MEANING TO HIGH PERFORMANCE.

The main cabinet can be pulled out, providing easier accessibility for set-up and maintainance.

THE CONTROL PANEL

The integrated 8.4” SVGA Touch Screen is straightforward and easy to operate, providing constant updates about the system’s performance.
MAJOR FEATURES

The Advanced Peeling System
- Advanced peeling system does not create film chips or damages on the board
- Does not require an unexposed leading edge so it saves copper space
- Highest productivity up to 9 meter per minute
- No adjustments required due to varying changes in panel sizes or thickness
- Suitable for 0.025 mm thickness of cores

Coreless take up reel
- Peeled Mylar films are welded onto previous films and rolled up automatically
- Reduces waste volume down to 3% of conventional peeling or competitive
- Reduces waste handling of operators and no static build up or shocks

Process reliability
- Eliminate handling defects such as bent corners, film chips and particles
- Continuous throughput and processing without stopping the board
- Typical failure rate is less than 2 per 1000 panels
- Worldwide more than 100 units installed

THE TECHNICAL PRINCIPLE

1. The leading edge of the board is detected by a sensor and a Peeling wheel top and bottom and a small blast of air loosens the edge of the Mylar
2. An additional blast of air separates the Mylar from the board top and bottom and lifts it onto a guide
3. By moving the board forward the mylar is peeled off, welded onto previous ones and rolled up to a compact size

REQUIREMENTS

A. Peeling Area
   - Must be free of any holes

B. Peeling Start Point
   - Adjustable from 0 - 20 mm

C. Peeling Touch
   - Does not cause damages

D. Peeling Touch
   - Adjustable from 3 - 10 mm
Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Board Length</td>
<td>250mm – 650mm</td>
</tr>
<tr>
<td>Board Width</td>
<td>350mm – 650mm</td>
</tr>
<tr>
<td>Board Thickness</td>
<td>0.025mm (without Cu) – 4.0mm (including Cu)</td>
</tr>
<tr>
<td>Peeling Speed</td>
<td>Adjustable from 1 to 9m/min</td>
</tr>
<tr>
<td>Take-up reel Capacity</td>
<td>Approx. 450m Polyester-Film</td>
</tr>
<tr>
<td>Working Direction</td>
<td>Left to Right or Right to Left</td>
</tr>
<tr>
<td>Power Supply</td>
<td>200V/230V/240V AC 50/60Hz</td>
</tr>
<tr>
<td>Rated Power</td>
<td>1.5kW</td>
</tr>
<tr>
<td>Air Pressure</td>
<td>6 bar</td>
</tr>
<tr>
<td>Exhaust</td>
<td>200m³/hr</td>
</tr>
<tr>
<td>Equipped with</td>
<td>Centering Device CD600 / Buffer Device BD600</td>
</tr>
</tbody>
</table>

System Overview

Further AE Products

Have a look at our website for further detailed information.

AE Robot-Systems