Smart / Sim Card Production Systems

Datum smart card processing systems comprise of 4 main modules which can be configured as stand alone machines or as an integrated system. Chip encoding can be carried out on our CT range of machines or, for memory chips, be integrated with the PP3. We offer a variety of optional features* according to module and customer requirements:

1. Chip Reject Module Counter
2. Adhesive Punch
3. Chip Tester
4. Camera Inspection System
5. Pneumatic Chuck
6. Double Cutting Head System
7. GSM Sim Card Punching
8. Chip Registration System

* options are at extra cost

Model shown is the XY2/3

<table>
<thead>
<tr>
<th>Model</th>
<th>Dimensions (mm)</th>
<th>Max Speed (up to/around) Mechanical</th>
<th>Product Details</th>
<th>Optional Features* (1-8)</th>
</tr>
</thead>
<tbody>
<tr>
<td>XY2/3</td>
<td>H: 1630 W: 2320 D: 1050</td>
<td>20 cards per min</td>
<td>The XY2 cavity milling machine prepares cards for chip insertion by producing a cavity area to suit the required module, using high speed cutters. The XY3 Features a twin head unit to increase production output.</td>
<td>4 5 6</td>
</tr>
<tr>
<td>LM2</td>
<td>H: 1575 W: 1300 D: 500</td>
<td>80 Modules per min</td>
<td>The chip module adhesive applicator pre-melts glue to the rear of the micro chip modules in preparation for embedding into card bodies.</td>
<td>1 2 3</td>
</tr>
<tr>
<td>PP3</td>
<td>H: 1630 W: 1460 D: 1050</td>
<td>40 cards per min</td>
<td>This punch and place machine will remove chip modules (from 35mm format) with adhesive pre-tacked to them and bond the chips into prepared plastic cards.</td>
<td>4 8</td>
</tr>
<tr>
<td>CP1</td>
<td>H: 500 W: 650 D: 550</td>
<td>100 cards per min</td>
<td>A versatile automated bench top machine for punching holes and slots into ISO PVC cards. Features an integrated, automatic feeder and an output stacking conveyor.</td>
<td></td>
</tr>
<tr>
<td>CP2</td>
<td>H: 1330 W: 900 D: 700</td>
<td>40 cards per min</td>
<td>Used to skeleton punch profiles from a standard ISO card. Tooling is available for GSM Sim modules, or can be custom made for many other profiles e.g. round cards etc.</td>
<td>4 7 8</td>
</tr>
</tbody>
</table>

All machines require: Power - 220v AC unless otherwise specified
Clean Dry Air - 90 PSI
ISO7810 Cards unless otherwise stated.

Design subject to change without notification
Actual speeds will be dependent on products used, settings and configuration