**Main Functions**
- Lead edge feeder, working speed 150-180 sheets/min.
- PLC control system, can store 999 orders data.
- Zero reset function.
- All shafts coated hard chromium.
- Electric parts Schneider, Siemens, Omron, etc.

**Feeding Unit**

**Feeding method**
Double suction box, double servo feeding system driven by independent servo motor.
Sheet transmitted without any pressure, to prevent damage of the sheet top layer paper.
Feeding speed display on touch screen.
Bottom vacuum suction to help high feeding precision and vacuum force controlled by frequency inverter.

**Sheet stop adjustment.**
Electric adjustment of the left & right sheet stop.

**Vacuum Dust Removing Device.**
First, clean surface dust with hairbrush.
Second, high pressure top vacuum suction system to remove surface dust, increase printing quality.

**Feeding wheel**
Zero pressure Non crushing wheel installed as feeding wheel.

**Control panel**
Emergency stop button installed.
PLC control, adopt 5.7 inch touch scree

**Printing Unit**

**Printing Cylinder**
Outside diameter: 396mm, Thickness: 14m

**Printing Pressure Roller**
Outside diameter: 190mm, Thickness: 18mm

**Sheet Transmitting Shaft**
Sheet feeding wheel is designed with fast moving structure.

**Anilox Roller**
Outside diameter: 210mm, Thickness: 22mm

**Doctor Roller**
Outside diameter: 210mm, Rubber thickness: 22mm

**Printing Registration Regulating**
Electric control printing registration and gear system is planet structure.
Digital display regulation volume.

**Control Panel**
Units open/close control button, Units pneumatic locking button.
Registration control button.
**Slotting Unit**

**Creasing Wheel**
Creasing wheel is coated hard chromium.

**Slotting Blade Shaft**
Top slotting blade shaft material.
Top slotting blade shaft outside diameter: 175mm

**Slotting Blade**
Slotting blade thickness: 7mm

**Slotting Registration Regulation**
PLC and Frequency converter is used to drive registration regulation.
When doing trimming regulation, still keep high accuracy.

**Control Panel**
7 inch touch screen is used to control registration of slotting registration, box length, box width and box height.

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**Die Cutting Unit**

**Anvil cylinder**
Material: seamless steel tube
Outside diameter: 389mm, Thickness: 40mm

**Anvil Cover**
Thickness: 9.4mm
Width of each piece: 250mm
Inside diameter: 389mm

**Die Cutting Cylinder**
Material: Seamless steel tube
Outside diameter: 360mm, Thickness: 40mm

**Regulation of Die Cutting Cylinder Registration**
PLC and Frequency converter is used to drive registration regulation.

**Control panel**
It can control the die cutting registration. Emergency stop button is installed

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**Specification**

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<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td><strong>Max. machine speed</strong></td>
<td>200 sheet/min</td>
</tr>
<tr>
<td><strong>Suitable working speed</strong></td>
<td>150-180 sheet/min</td>
</tr>
<tr>
<td><strong>Max. sheet size</strong></td>
<td>1200x2400mm</td>
</tr>
<tr>
<td><strong>Min. sheet size</strong></td>
<td>380x760mm</td>
</tr>
<tr>
<td><strong>Max. printing area</strong></td>
<td>1150x2300mm</td>
</tr>
<tr>
<td><strong>Sheet thickness</strong></td>
<td>2-12mm</td>
</tr>
<tr>
<td><strong>Printing die thickness</strong></td>
<td>5-7mm</td>
</tr>
<tr>
<td><strong>Min. slotting space</strong></td>
<td>160x160x160x160</td>
</tr>
<tr>
<td><strong>Max. slotting depth</strong></td>
<td>7x250mm</td>
</tr>
<tr>
<td><strong>Feeding accuracy</strong></td>
<td>+/-1.0mm</td>
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<tr>
<td><strong>Printing accuracy</strong></td>
<td>+/-0.3mm</td>
</tr>
<tr>
<td><strong>Slotting accuracy</strong></td>
<td>+/-1.5mm</td>
</tr>
<tr>
<td><strong>Die cutting accuracy</strong></td>
<td>+/-1.5mm</td>
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</tbody>
</table>