**REWINDBING SERIES**

**FSE-CP / HP**
Rewinding Machine / Continuous Punching / Heating Perforation

- Single winding direction, entry level rewinding inspection machine.
- Optional continuous punching device is available, the punching positions can be adjusted programmatically. (Hole Dia. 2mm-50mm)
- Optional thermostatic control hot needle micro perforation device is available.
- Equipped with a web insulation temperature control box provides stable temperature to the needle roller both internally and externally by thermal controller.
- Segment type needle sleeve can be rearranged to set different width and pitch for different patterns.

**FSR-600**
Rewinding Machine

- Unwind and rewind on the same side, easy to access rewinding operation for correction of reel edge or uneven tension.
- The cantilever (swing out) rewind and unwind shafts can be easily handled by a single operator.
- Equipped with fine adjustment pivot guide web guiding system to turn the defective rolls into qualified products.

**FSP-250-2**
Re-Reeling & Doctoring Machine

- Cantilevered unwind air shaft for quick change over, the roll diameter can reach to 700mm with 2 different web path for inspection of printing defects or seaming quality.
- Both unwind and rewind by motor driven, allow the winding direction changed during operation. Load cell type tension controller to ensure the rewinding tension stable.
- Equipped with web guiding system (both direction) creates an extremely neat edge, also can have extra ultrasonic sensor upgrading to CPC central guiding and SPC oscillation function.
- Equipped with observed board and fluorescent lamps for visual checking, also can have inflation checking system (option) for checking seaming quality.

**FDE-600**
Aluminum Foil Rewinding Machine

- Designed for rewinding and distributing big rolls of aluminum foil into small ones.
- Swing out type unwind stand, single operator is required to operate the machine.
- Auto rewinding shafts exchanging mechanism provide the nonstop production.
- Flexible accommodation of paper cores in various diameters.

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**Specifications**

<table>
<thead>
<tr>
<th></th>
<th>FSE-CP / HP</th>
<th>FSR-600</th>
<th>FSP-250-2</th>
<th>FDE-600</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unwind width (mm)</td>
<td>1000, 1300</td>
<td>600, 800</td>
<td>250, 300</td>
<td>600</td>
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<tr>
<td>Mechanical speed (m/min)</td>
<td>250 / 150</td>
<td>200</td>
<td>400</td>
<td>100</td>
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<tr>
<td>Max. unwind diameter (mm)</td>
<td>600</td>
<td>700</td>
<td>400</td>
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<tr>
<td>Max. rewind diameter (mm)</td>
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<td>700</td>
<td>Max. rewinding length 20m</td>
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<tr>
<td>Reversible</td>
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<td></td>
<td>V</td>
<td>X</td>
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</tbody>
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More Information: [www.hci.cc](http://www.hci.cc)