**REWRINDING SERIES**

**FSE**
**Rewinding & Doctoring Machine**
- Single winding direction, entry level rewinding/inspection machine.
- Equipped with air shaft unwind stand and web guiding system keeps products edge alignment.
- Two pieces of large 600 rubber roller for main drive to prevent the scratches occurred.
- A magnetic powder type clutch ensures the correct tension for different materials.
- Equipped with inspection board and fluorescent lamps for visual checking.
- Equipped with detective material winder which can wind the waste web on/off.

**FSP-250**
**Re-reeling & Doctoring Machine**
- Designed for shrink sleeve rewinding and printing inspection, it is indispensable process prior to automatic label inserting machine.
- Carded rewound and rewound shafts, for 3” and 6” core or coreless winder are available.
- Motor driven rewinder with tension auto control system keeps the tension constant.
- EFC web guider be located on rewind side to ensure the product edge alignment.
- Various options such as inflation rewinding check, microscope, perforation, rewind-oxidation, etc. are available.

**FSR-600**
**Rewinding Machine**
- Unwound and rewind on the same side, easy to access rewinding operation for correction of real edge or uneven tension.
- The centerline (swinging out) rewind and unwind shafts can be easily handled by a single operator.
- Equipped with two adjustment pixel guide web guiding system to turn the defective rolls into qualified products.
- Loadcell type of auto tension controller keeps the rewinding tension constantly.
- Rewind tractor roller mechanism which can vary with rewind diameter to maintain the same winding angle. This mechanism can improve the rewinding quality greatly.
- PLC with HMI control system, touch screen for parameter memory and auto stop at pre-set length.

**FDE-600**
**Aluminum Foil Rewinding Machine**
- Designed for rewinding and distributing big rolls of aluminum foil into retail size.
- Swinging out type unwind stand, single operator is required to operate the machine.
- Auto rewinding shafts exchanging mechanism provides the nonstop production.
- Flexible accommodation of paper cores in various diameters.
- Equipped with meter counter which can stop the machine automatically when preset length reached.

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**Comparative Table**

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<thead>
<tr>
<th></th>
<th>FSE</th>
<th>FSR-600</th>
<th>FSP-250</th>
<th>FDE-600</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unwind width (mm)</td>
<td>1000,1500,1600</td>
<td>600, 800</td>
<td>250, 350, 400</td>
<td>600</td>
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<tr>
<td>Maximum speed (m/min)</td>
<td>150</td>
<td>200</td>
<td>200</td>
<td>100</td>
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<tr>
<td>Max. unwind diameter (mm)</td>
<td>600</td>
<td>600</td>
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<td>600</td>
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<tr>
<td>Max. rewind diameter (mm)</td>
<td>600</td>
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<td></td>
<td>Max. rewind length 20m</td>
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<tr>
<td>Reversible</td>
<td>X</td>
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