The most popular model, designed for slitting all types of flexible packaging films, optical film and paper. The HCI FSL-T is a universal Slitter Rewinder on the market. Unwinding and rewinding on the different side, with comfortable operation space. Three motors driving system, rewinding direction changeable. Both unwind and rewind tension auto control, detect the reel OD and adjust the tension output automatically. Shaftless unwind stand with pneumatic clamping, quick system for uploading by one operator. Web guiding device detects printing line or edge to ensure web alignment. Dual slitting system: razor in groove roller & shear knives. Safety cover for slitting zone.

Vacuum trim removal system pulling the scrap trim properly at 300m/min line speed. Standard side-pressure type differential rings suitable for mid-high web tension required, axial-pressure ball type differential rings are available for low-end web tension required. Four motors driving system, rewinding direction changeable. PLC with HMI control system, touch screen for parameter setting including:

- Alarm / auto stop setting for master roll running out or web broken.
- Machine auto stop by achieving pre-set rewind OD or length.
- Tension setting simulation.
- Memory for parameter setting recipes.

Various options such as turret type unloading tree, laser beam core-positioning or CE conformity are available.

Hybrid model which combine with the advantages of FSL-T & FSL-K model, most economical way upgrading to automated slitting machine. Three motors driving with PLC control system. Movable unwind stand can be adjusted at one end for film thickness uneven issue. Lift-out type unwind air shaft, easy for master roll uploading. Equipped with unwind differential ring for film thickness issue. Cantilevered rewinding shafts with products discharging tree to increase production efficiency. Equipped with onboard trim winder.

### FSL-T

**Superior Type**

- The most popular model, designed for slitting all types of flexible packaging films, optical film and paper. The HCI FSL-T is a universal Slitter Rewinder on the market.
- Unwinding and rewinding on the different side, with comfortable operation space.
- Three motors driving system, rewinding direction changeable.
- Both unwind and rewind tension auto control, detect the reel OD and adjust the tension output automatically.
- Shaftless unwind stand with pneumatic clamping, quick system for uploading by one operator.
- Web guiding device detects printing line or edge to ensure web alignment.
- Dual slitting system: razor in groove roller & shear knives. Safety cover for slitting zone.

- Vacuum trim removal system pulling the scrap trim properly at 300m/min line speed.
- Standard side-pressure type differential rings suitable for mid-high web tension required, axial-pressure ball type differential rings are available for low-end web tension required.
- Four motors driving system, rewinding direction changeable.
- Both unwind and rewind tension auto control, detect the reel OD and adjust the tension output automatically.
- Shaftless unwind stand with pneumatic clamping, quick system for uploading by one operator.
- Web guiding device detects printing line or edge to ensure web alignment.
- Dual slitting system: razor in groove roller & shear knives. Safety cover for slitting zone.

### FSL-KA

**Practical Type**

- Unwinding and rewinding on the same side, easy accessibility to setting operations by its compact design.
- Four motors driving system, shortest web path design for tension sensitive film job.
- Shaftless & pneumatic-chuck unwind stand. The left and right unwind arms are independently driven by motors, new design for correcting bad edge master roll.
- Lower knives shaft is designed by cantilever type, no need to remove whole knives shaft for changing knives.

- Ramp groove by segment block design, can be installed together with lower shear knife for quick change.
- Pneumatic control lay-on roller, large OD with counterweight cylinder system to have the best touching pressure for different material.
- PLC with HMI control panel to provide accurate and stable tension.
- Color touch screen with graphical user interface. Memory for parameter setting recipes including film thickness, initial OD and unwind / rewind tension, etc.

### FSL-KT

**Integration Type**

- Hybrid model which combine with the advantages of FSL-T & FSL-K model, most economical way upgrading to automated slitting machine.
- Three motors driving with PLC control system.
- Movable unwind stand can be adjusted at one end for film thickness uneven issue.

- Lift-out type unwind air shaft, easy for master roll uploading.
- Equipped with unwind differential ring for film thickness issue.
- Cantilevered rewinding shafts with products discharging tree to increase production efficiency.
- Equipped with onboard trim winder.

#### Specifications

<table>
<thead>
<tr>
<th></th>
<th>FSL-T</th>
<th>FSL-KA</th>
<th>FSL-KT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unwind web width (mm)</td>
<td>1300, 1600, 1800, 2000</td>
<td>800, 1300, 1600</td>
<td>1000, 1300, 1600, 1800, 2000</td>
</tr>
<tr>
<td>Mechanical speed (m/min)</td>
<td>300</td>
<td></td>
<td></td>
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<tr>
<td>Unwind inner diameter (mm)</td>
<td></td>
<td>76 / 3” or (152 / 6” Optional)</td>
<td>800</td>
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<tr>
<td>Max. unwind diameter (mm)</td>
<td>1000</td>
<td></td>
<td>800</td>
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<tr>
<td>Guider movement (mm)</td>
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<td>800</td>
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<tr>
<td>Min. slit width (mm)</td>
<td>+/- 50</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Max. rewind diameter (mm)</td>
<td>600</td>
<td>500</td>
<td>450</td>
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</table>