KR219 RFID
Encoding System

High Speed, High Reliability
Built on the high quality transport base Kirk-Rudy is well known for, this encoding system feeds, transports, reads, encodes and verifies RFID tags at amazing speeds.

- Featuring Impinj ItemEncode™ hardware.
- UHF Gen II RFID chip pipeline encoding.
- Integrated speed control, processing up to 600 ft/min (183 m/min).
- Reads 1D, 2D barcodes and OCR.
- High reliability camera, up to 240 frames/second.
- Easy-to-use KR XMatch software interface.

✓ Heavy duty
✓ Built to last

Kirk-Rudy, Inc.
Ph: 770.427.4203  www.kirkrudy.com
KR219 RFID Encoding System

DATA MANAGEMENT SCHEMES

Monza Self-Serialization
Encodes EPCs with the appropriate Monza Self Serialization formula.

IT Based Serialization
Encodes tags based on user configured sequential list.

User Configurable Encoding Options
- EPC (up to 496 bits)
- User Memory (up to 512 bits)
- Access Password
- Kill Password
- Lock Config

Modular design allows for expansion

FEATURES:
- Heavy duty servo friction feeder
- Vacuum belt transport
- High speed divert with catch tray
- High speed shingle conveyor

OPTIONS:
- Inline inkjet printing
- Inline RFID label applicator

SYSTEM DIMENSIONS

<table>
<thead>
<tr>
<th></th>
<th>ENGLISH</th>
<th>METRIC</th>
</tr>
</thead>
<tbody>
<tr>
<td>LENGTH</td>
<td>219&quot;</td>
<td>556 cm</td>
</tr>
<tr>
<td>WIDTH</td>
<td>46&quot;</td>
<td>117 cm</td>
</tr>
<tr>
<td>TABLE HEIGHT</td>
<td>33&quot;</td>
<td>84 cm</td>
</tr>
<tr>
<td>SHIP WEIGHT</td>
<td>2590 lbs.</td>
<td>1174 kg</td>
</tr>
</tbody>
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COMPRESSED AIR: 80 psi at 0.5 cfm
OPERATING SPEEDS: 600 ft/min  (183 m/min)  
(product dependent)

SYSTEM PRODUCT CAPACITY

<table>
<thead>
<tr>
<th></th>
<th>ENGLISH</th>
<th>METRIC</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIN. SIZE</td>
<td>1&quot; W x 2&quot; L</td>
<td>25 mm W x 50 mm L</td>
</tr>
<tr>
<td>MAX. SIZE</td>
<td>4&quot; W x 6&quot; L</td>
<td>102 mm W x 152 mm L</td>
</tr>
<tr>
<td>MIN. THICKNESS</td>
<td>0.007&quot;</td>
<td>0.18 mm</td>
</tr>
<tr>
<td>MAX. THICKNESS</td>
<td>0.06&quot;</td>
<td>1.5 mm</td>
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</table>

SYSTEM ELECTRICAL REQUIREMENTS

<table>
<thead>
<tr>
<th>VOLTAGE</th>
<th>AMP</th>
<th>PHASE</th>
<th>Hz</th>
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</thead>
<tbody>
<tr>
<td>110 VAC</td>
<td>15</td>
<td>1</td>
<td>50/60</td>
</tr>
<tr>
<td>220 VAC</td>
<td>40</td>
<td>1</td>
<td>50/60</td>
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</tbody>
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Specifications subject to change