KRDIIe ROLL DIVIDER

- Extrusion Divider Technology With Built-In Developer
- Direct Replacement for K-Head Dividers
## FEATURES & BENEFITS

### Superior Scaling Accuracy with Extrusion Technology
- Significantly more accurate scaling capabilities than a conventional K-Head divider
- Consistent scaling accuracy over the life of the divider - 15 years or more, with proper maintenance

### Reduced Operating Cost
- No divider oil required, which reduces operating and sanitation costs
- Efficient design with significantly fewer moving parts than a K-Head for reduced maintenance cost
- Rotary drive design provides a service life that is 3-4 times longer than a K-Head - in addition, it provides a low operating noise level (under 80 dB).

### Increased Productivity and Flexibility
- Increased operating speeds up to 115 cuts per minute can increase hourly production yield
- Long, continuous runs for days at a time without downtime for cleaning or maintenance adjustments can increase profits per unit
- A built-in developer system provides additional production flexibility to optimize quality on a wide variety of products and helps with production variability

### Improved Automation
- An operator interfaced-based recipe management system is provided for automated divider set-up
- An electronic synchronization systems that is tied into the Pan-O-Mat allows the KRDIIe recipe management system to automate the set-up of the Pan-O-Mat as well

## MECHANICAL FEATURES

- Patented quick clean manifold
- Heavy-duty stainless steel frame for durability and corrosion resistance
- Polished stainless steel guards and 100 lb. (45 kg) hopper for easy sanitation
- Stainless steel DoFlow housing for durability and minimum dough flow resistance
- All drives are direct coupled, no chains or pulleys
- All drives are Class F insulated Eurodrive
- Integral dough developer
- Gearmotors including developer, feed screw, metering pump, cut-off knife and proofer drive for dependability, long knife, and 94% mechanical efficiency

## ELECTRICAL FEATURES

- Operator panel includes the following:
  - Allen Bradley PanelView Plus keypad operator interface to control:
    - Developer speed
    - Feed screw speed
    - Metering pump speed
    - Vacuum pressure
    - Alarm messages
    - Product codes
  - Allen Bradley pushbuttons for:
    - Two-button start
    - Stop/Emergency stop
    - MCR reset
- NEMA 12 remote electrical enclosure (painted steel) including:
  - Main disconnect switch
  - Allen Bradley CompactLogix PLC
  - Allen Bradley PowerFlex inverters
- Closed loop pressure control system with pressure transducer
- PLC controlled clean-in-place system for reduced sanitation cost
- Electronic proofer synchronization kit with proofer drive
## OPTIONS

### Mechanical Options
- Extrusion type non-stick rounder belt
- Spiral tunnel rounder bars
- Hinged rounder bar lift kit
- Pneumatic divider pushback option
- Rounder AC speed control package
- 250 lb. (113 kg) hopper in lieu of standard
- Stainless steel chilled rounder bed
- Pneumatic “pulse” flour sifter kit to integrate with flour recovery system
- Zig-zag rotary gate kit
- Magnetic pan indexer with integral recipe management
- Additional machine manuals
- Spare parts kit

### Electrical Options
- Swivel arm-mounted, NEMA-4 rated operator panel
- Allen Bradley PLC upgrade
- Stainless steel remote electrical panel in lieu of painted
- Panel modem for remote diagnostics
- CE confirmed electrical package
- Inverters in lieu of Allen Bradley PowerFlex
- Operator interface in lieu of Allen Bradley PanelView Plus

## SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>Maximum Throughput Range</th>
<th>Scaling Range*</th>
<th>Cuts Per Minute Range</th>
<th>Pieces Per Minute Range**</th>
<th>Approximate Shipping Dimensions</th>
<th>Approx. Shipping Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>KRDIIe 400</td>
<td>5,000 lb./hr. (2268 kg/hr.)</td>
<td>7/8 oz. to 6 oz. (25 g to 170 g)</td>
<td>40-115</td>
<td>80 - 460</td>
<td>84” x 72” x 70” (2134mm x 1829mm x 1778mm)</td>
<td>3,100 lb. (1406 kg)</td>
</tr>
<tr>
<td>Electrical Panel</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>48” x 84” x 24” (1219mm x 2134mm x 610mm)</td>
<td></td>
</tr>
<tr>
<td>KRDIIe 600</td>
<td>6,000 lb./hr. (2722 kg/hr.)</td>
<td>7/8 oz. to 6 oz. (25 g to 170 g)</td>
<td>40-115</td>
<td>80 - 690</td>
<td>84” x 72” x 70” (2134mm x 1829mm x 1778mm)</td>
<td>3200 lb. (1452 kg)</td>
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<tr>
<td>Electrical Panel</td>
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<td></td>
<td>48” x 84” x 24” (1219mm x 2134mm x 610mm)</td>
<td></td>
</tr>
</tbody>
</table>

* Range may be increased with special cut-off manifolds
** May require blocking off ports

Electrical Requirements:
Approximate Main Power: 23KVA
PLC I/O Voltage: 24VDC in/120VAC out

Air Requirement: 15 SCFM @ 80 PSIG