ADVANCED DOUGH DIVIDER

- New Vector Technology Improves Scaling, Decreases Dough Shear, and Increases Vacuum System Efficiency

- The Most Efficient Dough Divider Available for Bread, Pizza and Specialty Doughs

- Unmatched Reliability and Scaling Accuracy

- High Speed, Up to 20,000 lb. (9072 kg) Per Hour

*Shown with optional integrated AMF Belt Rounder*
FEATURES & BENEFITS

Most Accurate Scaling Available Through Advanced Vector Extrusion Technology
- Increased product yield
- Reduced waste
- Improved product uniformity
- Consistent scaling accuracy over the life of the divider

Reduced Operating Cost
- No divider oil required with the ADD, which reduces operating and sanitation cost
- Efficient design with few moving parts for reduced maintenance cost
- Rotary drive design provides a service life 3-4 times that of conventional dividers

Increased Productivity and Flexibility
- Increased operating speeds up to 250 cuts per minute can increase your hourly production yield
- Wide range of dough piece sizes without downtime for divider modifications
- Long, continuous runs for days at a time without downtime for cleaning or maintenance adjustments can increase profits per unit

Improved Automation
- Operator interface-based recipe management system is provided for automated divider setup and downstream equipment setup

MECHANICAL FEATURES
- Heavy duty stainless steel frame for durability and corrosion resistance
- Polished stainless steel guards and 500 lb. (227 kg) hopper for easy sanitation
- Precision stainless steel tunnel housing for durability and minimum dough flow resistance
- Dual auger design for gentle dough handling at high throughputs
- SEW Eurodrive gearmotors on augers and metering pump for dependability, long life
- 3” (76 mm) metering pump for precise flow control without back pressure
- UHMW rotary cut-off knife
- Easy access to all operational areas for easy sanitation and maintenance
- Venturi-style vacuum system with vacuum transducer
- Freestanding with casters for easy mobility for sanitation and maintenance
ELECTRICAL FEATURES

Operator panel is SS NEMA 4 rated and mounted on a pendant/swivel arm for easy access and includes the following:
- Allen Bradley PanelView Plus operator interface to control:
  - Auger speed
  - Metering pump speed
  - Alarm messages
  - Product codes
  - Knife speed
  - Downstream equipment (optional)
- Allen Bradley push buttons for the following functions:
  - Start
  - Stop/Emergency stop
  - MCR reset

NEMA 12 painted remote electrical enclosure including:
- Main disconnect switch
- System control components
- Cabinet cooler
- Allen Bradley CompactLogix PLC
- Allen Bradley PowerFlex inverters
- Closed-loop pressure control system

PLC controlled cleaning cycle system for reduced sanitation cost

OPTIONS

- Hopper block-off slide
- Product memory increase
- Operator interface in lieu of Allen Bradley PanelView Plus
- PLC other than Allen Bradley CompactLogix
- Inverter other than Allen Bradley
- Stainless steel panel in lieu of painted
- Change-out nozzles
- Panel modem for remote diagnostics
- CE confirmed electrical package
- Spare parts kit
- Additional machine manuals

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>Maximum Throughput</th>
<th>Scaling Range</th>
<th>Speed Range (max. ppm)</th>
<th>Typical Scaling Accuracy</th>
<th>Approximate Shipping Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single Cut-off</td>
<td>13,500 lb./hr. (6124 kg/hr.)</td>
<td>9 oz. - 52 oz. (255 g - 1474 g)</td>
<td>150</td>
<td>+/-1%</td>
<td>4,200 lb. (1905 kg)</td>
</tr>
<tr>
<td>Dual Cut-off</td>
<td>18,750 lb./hr. (8505 kg/hr.)</td>
<td>9 oz. - 52 oz. (255 g - 1474 g)</td>
<td>250</td>
<td>+/-1%</td>
<td>4,200 lb. (1905 kg)</td>
</tr>
</tbody>
</table>

Electrical Requirements:
- Approximate Main Power:
  - Single and Dual Cut-off: 39 KVA
  - Triple Cut-off: 57 KVA
- PLC I/O Voltage: 24VDC in/24VAC out
- Air Requirements: 25 SCFM @ 87 PSIG
- Water Requirements: 4 to 6 gal./min. at 120° (15 to 23 L/min. at 49°C) (cleaning only)

Approximate Shipping Dimensions:
- Single and Dual Cut-Off: 99” x 57” x 80”
  (2510 mm x 1448 mm x 2032 mm)
AMF’s focus on continuous improvement may result in changes to machinery specifications without notice.