• New Design
• Available in Two Models to Meet All Production Requirements
• Direct Drives Drastically Reduces Maintenance
• Degasses and Conditions Dough Just Before Dividing for Excellent Scaling Accuracy, Consistent Quality, and Better Pan Flow
FEATURES & BENEFITS

- Very low maintenance and no leakage
- DoFlow Plus has same excellent dough development as original DoFlow
- Higher throughput option with UltraFlow
- Ability to handle stiffer doughs with larger UltraFlow auger
- Modular design eliminates restriction of old casting
- Direct drive with large jaw couplings for simple auger and paddle removal
- Low maintenance rotary drives
- Elimination of high maintenance adjustable packing seals

MECHANICAL FEATURES

- Variable speed auger and paddle are independent of each other allowing maximum production flexibility for full development
- All stainless steel pump housing
- All stainless steel developer housing
- Stainless steel open frame for integral mounting on AMF Dividers
- Feed screw charging system
- Developer paddle homogenizing system
- Strong, simple, efficient Venturi style vacuum generator ensures efficient auger loading and degassing with minimal maintenance
- Stainless steel round hopper for smooth flow and easy cleaning
- Short divider hopper to accept dough from developer
- Eurodrive gearmotors are high efficiency and severe duty rated
**ELECTRICAL FEATURES**

Remote NEMA 12 painted panel contains:
- AC inverters for auger and developer
- Operator interface controls are mounted on panel door
- Push buttons for:
  - Start
  - Stop/Emergency stop
  - MCR reset
- Readouts for:
  - Auger RPM
  - Developer paddle RPM
- Main disconnect switch

Exair panel cooler
Photo eye to control feed into divider hopper

**OPTIONS**

- Stainless steel panel in lieu of painted
- Panel AC in lieu of Exair Cooler
- Inverters in lieu of Allen Bradley or Toshiba
- Controls can be integrated into AMF divider control panel
- 250 lb. (113 kg) hopper in lieu of 100 lb. (45 kg) hopper (250 lb. is standard on UltraFlow model)

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Model</th>
<th>Throughput (per hour)*</th>
<th>Feed Screw Size (Diameter)</th>
<th>Feed Screw Drive</th>
<th>Developer Paddle Size (Diameter)</th>
<th>Developer Paddle Drive</th>
</tr>
</thead>
<tbody>
<tr>
<td>Match</td>
<td>Minimum Speed</td>
<td>Maximum Speed</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DoFlow Plus</td>
<td>600 lb. 272 kg</td>
<td>6,000 lb. 2722 kg</td>
<td>4” (102 mm)</td>
<td>5 HP</td>
<td>4” (102 mm)</td>
</tr>
<tr>
<td>UltraFlow</td>
<td>4,000 lb. 1814 kg</td>
<td>12,500 lb. 5670 kg</td>
<td>6” (UHMW)</td>
<td>10 HP</td>
<td>5” (127 mm)</td>
</tr>
</tbody>
</table>

*Minimum and maximum speed range will be limited to gearmotor ratio

**Electrical Requirements:**
- DoFlow Plus: 13 KVA
- UltraFlow: 23 KVA

**Air Requirements:**
- DoFlow Plus: 25 SCFM @ 90 PSIG
- UltraFlow: 25 SCFM @ 90 PSIG
AMF’s focus on continuous improvement may result in changes to machinery specifications without notice.