Dynamini™ / DG II™ Configured System

DYNAMINI™ hot melt adhesive supply units provide exceptional value in a small hot melt unit which has been designed for optimal performance, reliability and simplified daily operation. The DG II™ is designed for flexibility and can be used in various configurations depending upon your application.

DYNAMINI™ Adhesive Supply Unit
- Melt-on-Demand Hopper Grid extends adhesive life and performance
- 7 year Melt-on-Demand hopper warranty
- Self-diagnostic P.I. digital Temperature controller with platinum sensor accuracy

DG II™ Hand Applicator
- Rotary swivel or ball swivel with top or bottom hose connections
- Ergonomic handle with a clear sight line to the nozzle tip
- Easy to change cartridge-style heater and sensor

Configured System Consists of:
- Dynamini™ adhesive supply unit
- Hot melt adhesive hose
- DG II™ hand applicator
- Bead or swirl nozzle

Flexibility
Rotary swivel or ball swivel with top or bottom hose connection configurations.

Reliability
Melt-On-Demand hopper extends adhesive life and performance.

Simplicity
Icon-driven control panel simplifies operations.

The Dynatec Difference...

Melt-on-Demand Hopper
Most suppliers will agree that adhesive degradation is the number one cause of downtime on hot melt equipment. To address this problem, ITW Dynatec has patented a “Melt-On-Demand” system. ITW Dynatec’s vertical, unheated hoppers only melt the amount of adhesive required by the application. Most of the hot melt adhesive in the hopper remains at a much lower temperature, perhaps even solid state. The added benefits of melting only the adhesive required are quicker start-ups, reduced energy costs, better viscosity control, and reduced fumes.
**Dynamini™ / DG II™ Configured System**

<table>
<thead>
<tr>
<th>System</th>
<th>N05</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hopper Capacity</td>
<td>5k (10lbs)</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>40 to 218°C (100 to 425°F)</td>
</tr>
<tr>
<td>Melt Rate (per hour)*</td>
<td>8kg/hr (17.3lb/hr)</td>
</tr>
<tr>
<td>Pump Rate (piston)</td>
<td>.91kg/min (2lb/min)</td>
</tr>
<tr>
<td>Piston Pump Compression Ratios</td>
<td>12:1</td>
</tr>
<tr>
<td>Gear Pump</td>
<td>1.5, 3.2, &amp; 4.5 cc/rev</td>
</tr>
<tr>
<td>Hose Output Zones</td>
<td>2</td>
</tr>
<tr>
<td>Maximum Working Hydraulic Pressure</td>
<td>6.8 MPa (1000psi) - Piston Pump</td>
</tr>
<tr>
<td>Temperature Control Stability</td>
<td>± 1°C (1°F)</td>
</tr>
<tr>
<td>Electrical Service Standard</td>
<td>100 to 120 VAC 1 Phase 50/60 Hz</td>
</tr>
<tr>
<td>Electrical Service Standard</td>
<td>200 to 240 VAC 1 Phase 50/60 Hz</td>
</tr>
<tr>
<td>Working Viscosity</td>
<td>500 - 50,000 cps</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>DG II Hand Applicator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height (H)</td>
<td>22.2cm (8.74in)</td>
</tr>
<tr>
<td>Depth (D)</td>
<td>22.5cm (8.86in)</td>
</tr>
<tr>
<td>Width (W)</td>
<td>4.2cm (1.65in)</td>
</tr>
<tr>
<td>Weight (empty)</td>
<td>.77kg (1.7lbs)</td>
</tr>
</tbody>
</table>

Optional Specifications/Configurations

- The **ROTARY SWIVEL** is useful when the hose is connected at the bottom of the hand applicator. The movement of the applicator can control the hose position.
- The **BALL SWIVEL** is useful when the hose is connected at the top of the hand applicator and the applicator is suspended from the hose or a tool balancer.
- Two- or four-finger trigger configurations available.
- Right angle bead and swirl nozzle configuration available.
- Electrical: 80 Watts at 120 or 240 VAC 1 Phase 50/60 Hz

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**Dimensions**

- **N05**
  - Height (H): 45cm (17.76in)
  - Depth (D): 54cm (21.25in)
  - Width (W): 29cm (11.38in)
  - Weight (empty): 34.47kg (76lbs)

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**Rotary Swivel (four fingered trigger)**

**Ball Swivel (two fingered trigger)**

**Right Angle Bead Nozzle**

**Swirl Spray Nozzle**

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