



**AST GMP-025 (front view)**



**AST GMP-025 (rear view)**

For dispensing of machine mix control joint resins, such as the Dynathane 800MM, Pecora recommends fixed ratio metering pumps. When selecting a pump for use, choose a model with a fixed ratio of 1:1 and a unit capable of dispensing materials with a viscosity as follows:

Dynathane 800MM viscosity:

- Part A: <3000cps
- Part B: <3000cps

Based on internal testing, Pecora can recommend the following pump manufactured by Applied Systems Technology (AST):

**Pump Model: GMP-025 2020**

- Horizontally mounted metering system with a 0.25 HP variable speed DC motor drive operating on 120-volt, single phase power
- Continuous flow up to 0.4gpm
- Viscosity up to 5000cps
- 0.25HP motor
- Two 6-gallon stainless steel tanks with gasketed lid and a desiccant dryer
- Use static mixer element #11081-632
- Hose: stainless steel braided, 15-foot length Teflon lined 3/8-inch diameter
- Manual dispense gun with shut off valves and telescoping handle

*Note: The GMP-050 pump can also be used if a higher dispensing rate is required. The GMP-050 utilizes a 0.50HP motor with a dispense rate of up to 0.6gpm.*

Be aware that there are numerous fixed ratio pump models currently available including single man operated and hand-held options. The pumps are predominantly electric powered with select manufacturers offering battery powered capabilities for cordless operation. Contact Pecora Technical Service for specific pump recommendations or approvals in addition to the above-referenced AST model.

**Field Testing and Mockups**

Mockups under representative site conditions are highly recommended to determine acceptable cure and application. It is recommended to periodically monitor the material volumes as the components are being dispensed. The levels within the hoppers should remain even as the material is dispensed.