

Laboratory High Shear Granulation/Mixing System For Wet Granulation and Mixing Processes

Portable Self-Contained System

- Electrical and Compressed Air Connections
- Mounted on Casters for Maneuverability

Top Drive Advantages

- Easy Bowl and Blade Removal and Fixed Bowl Lid for Superior Cleaning, Maintenance, and Safety
- Vertical-Shaft Chopper for Improved Granulation

Processing Flexibility

- User-Defined Mixer and Chopper Speeds
- Aqueous and Solvent-Based Processing
- Optional Jacketed Bowl for Product Temperature Control

Engineered Scalability

- Consistent with Production GMX Systems
- Proportional Mixer Blade Tip-Speeds
- Bowl and Blade Geometries

Removable Bowl

- Tip Cart for Quick Removal and Easy Discharge

Color Touchscreen Control System

- Automatic (Recipe Driven) and Manual Operational Modes
- Multiple End-Point Detection Parameters
 - Mixer Power
 - Granulation Time
 - Solution Amount Delivered



The GMX-25 is designed specifically for the critical process development phase. Its top-drive design allows for easy cleaning and maintenance, faster processing times, and superior user safety. Every GMX mixer is backed by Vector's comprehensive range of services, including product and process development, process scale-up and transfer, calibration and maintenance programs, and proactive project management. Engineered with the end-user in mind, the GMX-25 is the ideal solution for your laboratory-scale wet granulation and mixing needs.

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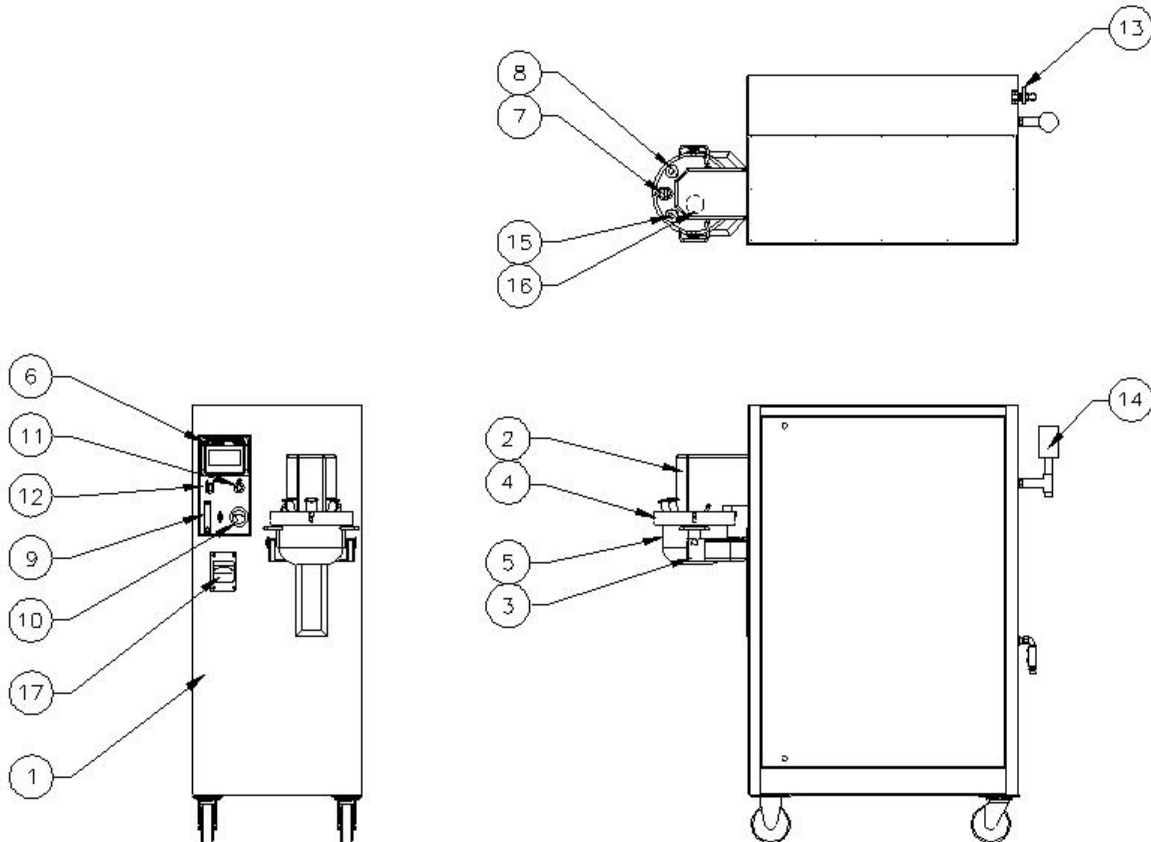
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GMX-25



1. Machine Frame
2. Machine Head
3. Lift Arm
4. Bowl Cover
5. Removable Bowl
6. Color Touchscreen Operator Interface
7. View Port
8. Solution Port
9. Cabinet Pressurisation Valve

10. Cabinet Purge Gauge
11. Emergency Stop
12. Control Power
13. Rapid Purge Valve
14. SPARK-Arresting Purge Vent
15. Bowl Filter
16. Optional Bowl Light
17. Optional Peristaltic Pump

TECHNICAL SPECIFICATIONS

Maximum Bowl Capacity: 25 Liters	Electrical Supply : 230/3/60 or 400/3/50
Working Capacity: 8.25 – 16 Liters	Weight: 800 kg (Approx.)
Mixer Speed: 0-425 RPM	Design Standards: CE, UL, NFPA, CSA
Default Mixer Speed Settings: 300 / 425 RPM	Solvent Rating: NEC Class 1 Div 2, Group D
Compressed Air Supply: 57 L/min @ 7 bar	(ATEX Solvent Rating Optional)

Providing equipment and processing solutions around the world since 1972, Vector is a subsidiary of Freund Corporation located in Tokyo, Japan. Globally, the Freund/Vector team has thousands of system installations in the pharmaceutical, healthcare, chemical, agricultural, and food industries.

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