

Commitment to Service and Quick Response

Gusmer | Decker stands behind its line of mix heads with strong service and technical support. Faster turnaround times for parts and service means less downtime and increased productivity. We back our product with service you expect including:

- Installation services
- Technical support
- Lab services, demonstrations, chemical system trials, and customer service available at 1-800-367-4767
- On-site service

Mix Head Rebuild Program

- One fixed price for general service and repair of most mix heads
- Two-week turnaround available
- No surprises – simplified ordering process. No evaluation cycle. Repair begins when we receive your mix head and purchase order.
- Rigorous quality standards. Mix heads are refurbished to world-recognized quality control standards in our ISO 9001-2000 facility.



Depend on the RimCell® family for optimum performance and reliability.

RimCell LT

An economical way to produce small, molded products
For RimSpray or RimPour applications



RimCell Select

Advanced features and a configurable platform lets you select any application
For RimSpray or RimPour applications



RimCell RX

For polyurethane processors demanding optimum performance and flexibility
For RimSpray or RimPour applications



Custom RimCell

Custom built to fit your specific production requirements
For RimSpray or RimPour applications



Automotive Beta Cell

The unit of choice for structural or NVH automotive applications



Advanced Reaction Injection Molding (RIM) Technology



Mix Heads

HIGH PERFORMANCE MIX HEADS FOR EVERY APPLICATION

Designed for Productivity

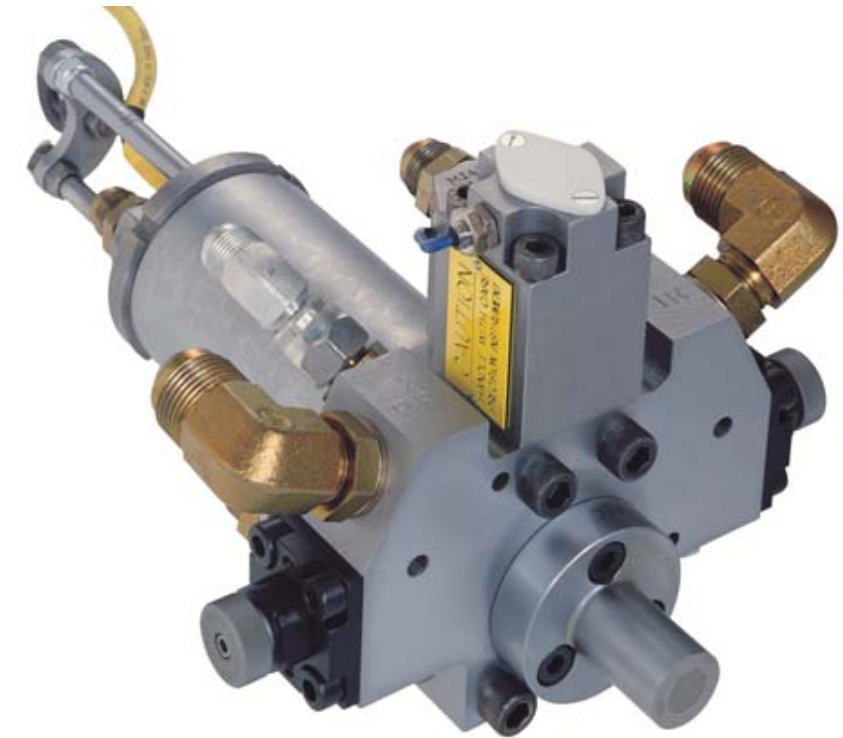
At the heart of every foam processing unit is the mix head. Our high-performance mix heads are manufactured under the strictest quality control standards.

Grooved Tight-Tolerance Plunger Design

- Allows components to recirculate at high pressures through the mix head near the impingement chamber
- Virtually eliminates lead-lag and back pressure adjustment problems (with L-Style Mix Head)
- Self-cleaning – eliminates day-to-day solvent and solvent waste expense

Complete Line Available

- Mix heads are available in many styles for spray applications, plus filled and unfilled polyurethane system processing
- Specify the high- or low-pressure mix head for your unique application



Bulk Storage Systems



RIM Units

Call today for product information or to request a demonstration
1.800.367.4767 or visit us at www.gusmer-decker.com

GUSMER | DECKER
KNOWLEDGE LEADER IN POLYURETHANE SOLUTIONS

Choose Gusmer-Decker Mix Heads for Performance, Reliability and Durability

For Filled/Unfilled Polyurethane Applications



L-Style Mix Head

Smaller, horizontal impingement chamber mixes material while larger vertical exit chamber reduces flow velocity to minimize splashing in open pour applications.



Double L-Style Mix Head

Same as L-Style, but provides more precise control of multiple polyols. Allows operator to switch formulations in seconds.



RIM 12 Mix Head

Used in open or closed model pours. Utilizes all the benefits of an L-Style Mix Head with an additional third stream port for viscous additives, such as color paste or other similar third component chemicals.



RIM 6 Mix Head

Available in a range of mixing chamber diameters to fit your specific application. Also available in a long stroke model for better laminar flow.



GX-15 Mix Head

Lightweight, ergonomic design. Use for cavity fills up to 70 lbs/min.

Mix Head Selection Guide

FILLED/UNFILLED POLYURETHANE APPLICATIONS	L-STYLE	DOUBLE L-STYLE	RIM 12	RIM 6	GX-15
Automotive Seating	✓	✓			
Refrigerator Doors	✓	✓			
Automotive Instrument Panels	✓	✓			
Automotive Doors and Interior Trim	✓	✓			
Energy-absorbing Panels in Bumpers	✓				
Children's Toys	✓				
Open Pour Applications	✓	✓	✓		
Flexible and Rigid Foam Systems	✓	✓	✓		
Steering Wheels			✓		
Integral Skin Seating			✓		
Nerf Footballs			✓		
Architectural Products			✓		
Elastomeric Parts				✓	
Cooler and Building Panels				✓	
Refrigerator Cabinets and Doors				✓	✓
Entrance Doors				✓	✓
Campers and Trailers				✓	✓
Bath Tubs				✓	✓
Bowling Balls				✓	✓
Ski Boots				✓	✓
Structural RIM				✓	✓
Automotive Fascia, Body Panels & Mats				✓	✓
OPEN SPRAY POLYURETHANE APPLICATIONS	GX-15	RIMSPRAY 13 MM			
Automotive Interiors	✓				
Housing Construction Panels	✓	✓			
Furniture	✓				
Pipe Insulation	✓	✓			

Low Pressure Mix Heads



ParaDyne Mix Head

Uses disposable static/dynamic mixers and unique snuff back to prevent drips. Ideal for foams and elastomers that require up to 50 cc/sec flow rates.



Decker Low Pressure Mix Heads

For mid to high flow rates with optimal process control. Time-proven Decker mix head features air-actuated ball valves, liquid pressure balance controls, air nucleation and dual speed (4300 and 6900 RPM) dynamic mixer assembly.

For Open Spray Polyurethane Applications



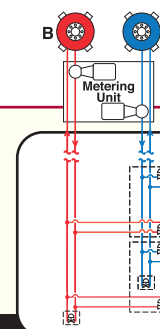
GX-15 Spray Mix Head

Fluids continuously recirculate through mixing rod slots to ensure accurate conditioning and eliminate cold shots at start-up. Specifically designed for applications 4 to 40 lbs/min. Larger spray heads available for applications 30 to 90 lbs/min.

Optional Additions to Meet Your Needs



The **Color Dosing Unit** gives the advantage of molding parts using neutral resin rather than contaminating the machine with abrasive color pigments. *(optional)*



The **Multi-Station Ringline** permits the connection of several mix heads to a single metering unit. *(optional)*