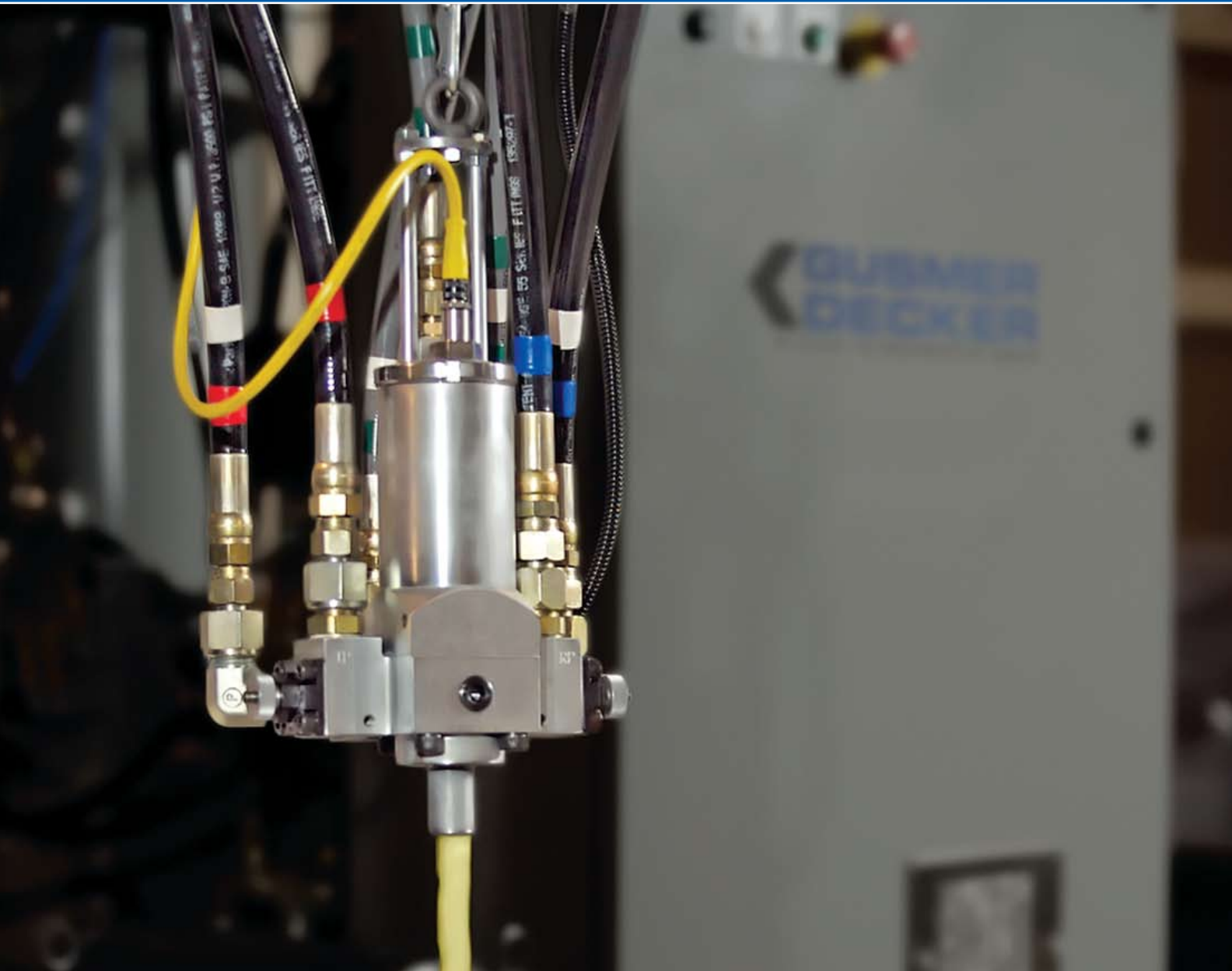


Mixing Heads

High-Performance Mixing Heads for Polyurethane Processing



Designed for Productivity

For filled and unfilled polyurethane applications

At the heart of every foam processing unit is the mixing head. Gusmer-Decker high-performance, high-pressure mixing heads feature a grooved tight-tolerance plunger design. The engineering of this design:

- Allows components to recirculate at high pressures through the mixing head near the impingement chamber
- Eliminates the need for solvent and day-to-day chemical and solvent waste expense
- Increases uptime and reduces maintenance with self-cleaning feature

Gusmer-Decker mixing heads are available in many styles for spray applications, in addition to processing filled and unfilled polyurethane systems utilized in open/closed molding or cavity filling. A complete line is available, offering you the advantage of customizing the high- or low-pressure mixing head most suitable for your unique application.



L-Style Mixing Head

Ideal for open pour requiring low-exit velocity or off ratio and hard-to-mix chemical systems. Smaller, horizontal impingement chamber mixes material while larger vertical exit chamber reduces flow velocity to minimize splashing in open pour applications.



Double L-Style Mixing Head

Similar to the L-Style, but provides more precise control of multiple polyols. Allows operator to switch formulations in seconds. Offers automatic selection of two chemical formulas.



S-Style Mixing Head

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



GX-15 Mixing Head

Lightweight, ergonomic design. Use for cavity fills up to 20 lb/min (7.45 kg/min). Fluids continuously recirculate through mixing rod slots to ensure accurate conditioning and eliminate cold shots at start-up. Specifically designed for applications 5-20 lb/min (1.85 – 7.45 kg/min).

Low-pressure Mixing Heads



Decker Mixing Head

For mid- to high- flow rates with optimal process control. Time-proven mixing head features air-actuated ball valves, liquid pressure balance controls, air nucleation and variable speed dynamic mixer assemblies. Available with solvent or hot water flushing.



ParaDyne Mixing 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. A compact design similar in operation to the larger flow rate low-pressure mixing head. Features a disposable dynamic mixer. Available with flushing or nucleation at the mixing head as an option.

Reliable, Durable Mixing Heads

Specify the equipment to meet your needs

Mixing Head Selection Guide

FILLED AND UNFILLED POLYURETHANE APPLICATIONS	L-STYLE	DOUBLE L-STYLE	S-STYLE	GX-15
Architectural products	•			
Automotive doors and interior trim	•	•		
Automotive fascia, body panels and mats			•	•
Automotive instrument panels	•	•		
Automotive seating	•	•		
Bathtubs			•	•
Bowling balls			•	•
Campers and trailers			•	•
Children's toys	•			
Cooler and building panels			•	
Elastomeric parts			•	
Energy-absorbing panels in bumpers	•			
Entrance doors			•	•
Flexible and rigid foam systems	•	•		
Foam footballs	•			
Integral skin seating	•			
Open pour applications	•	•		
Refrigerator cabinets and doors			•	•
Refrigerator doors	•	•		
Ski boots			•	•
Steering wheels	•			
Structural RIM			•	•
OPEN SPRAY POLYURETHANE APPLICATIONS				
Automotive interiors				•
Furniture				•
Housing construction panels				•
Pipe installation				•

Rely on Gusmer-Decker for optimum reliability and performance



RC

A high-pressure system with advanced features and a configurable platform



RX

For polyurethane processors demanding performance, flexibility and high output capability



RB

Designed for structural foam or NVH automotive applications



RL

Low-pressure equipment for static or dynamic mixing



Reactor IP

Ideal entry-level unit providing more total control in processing rigid and flexible foams

Contact us today!

Call today for product information at 800-367-4767, or visit us online at www.gusmer-decker.com.



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Graco UpTime Protection Plan

Protect Your Investment. Maximize Your Uptime.

Since costs associated with downtime can be significant, setting up a proactive service plan is a must. With Graco's UpTime Protection Plan, you maximize equipment uptime and ROI – with flexible service packages backed by experienced people that give you peace of mind.

- Maximize machine availability and uptime
- Protect your equipment investment from premature wear
- Fast response when you need it most
- Minimize unexpected repair expenses
- Extend mean time between failures
- Gain peace of mind through reliable service solutions
- Reduce cost of ownership
- Provide consistent operator training
- Access excellence in service expertise through our experienced service team

Six Great Safeguards for Success

A selection of flexible packages to ensure productivity



UpTime Installation

- Installation management
- Seamless integration
- Process validation
- System testing
- Calibration
- Operator training



UpTime Maintenance

- Scheduled maintenance
- System inspection
- Repair of worn parts
- Calibration
- Refresher training
- Check of spare parts/inventory



UpTime Extended Warranty

- Two- or three-year extended plans available



UpTime Parts

- Service parts at a fixed price
- Parts inventory assessment
- Expert parts evaluation



UpTime On-Call

- Priority response to your service needs
- On-call service is just a phone call away
- Graco certified technicians are strategically located



UpTime Training

- Training by certified instructors
- Operational and maintenance training
- At your location or at Graco
- One- or two-day training

Mixing Head Rebuild Program

Save time and money with our Mixing Head Rebuild Program

- One fixed price for general service and repair of your mixing head
- Two-week turnaround is available for most mixing head rebuilds – no more waiting for months
- Simplified ordering process. No evaluation cycle. Repair begins when we receive your mixing head and purchase order

Get it even faster with our Quick Exchange Program

For a nominal cost, you can trade-in your mixing head for one in our inventory. Next-day delivery is available in most cases!

