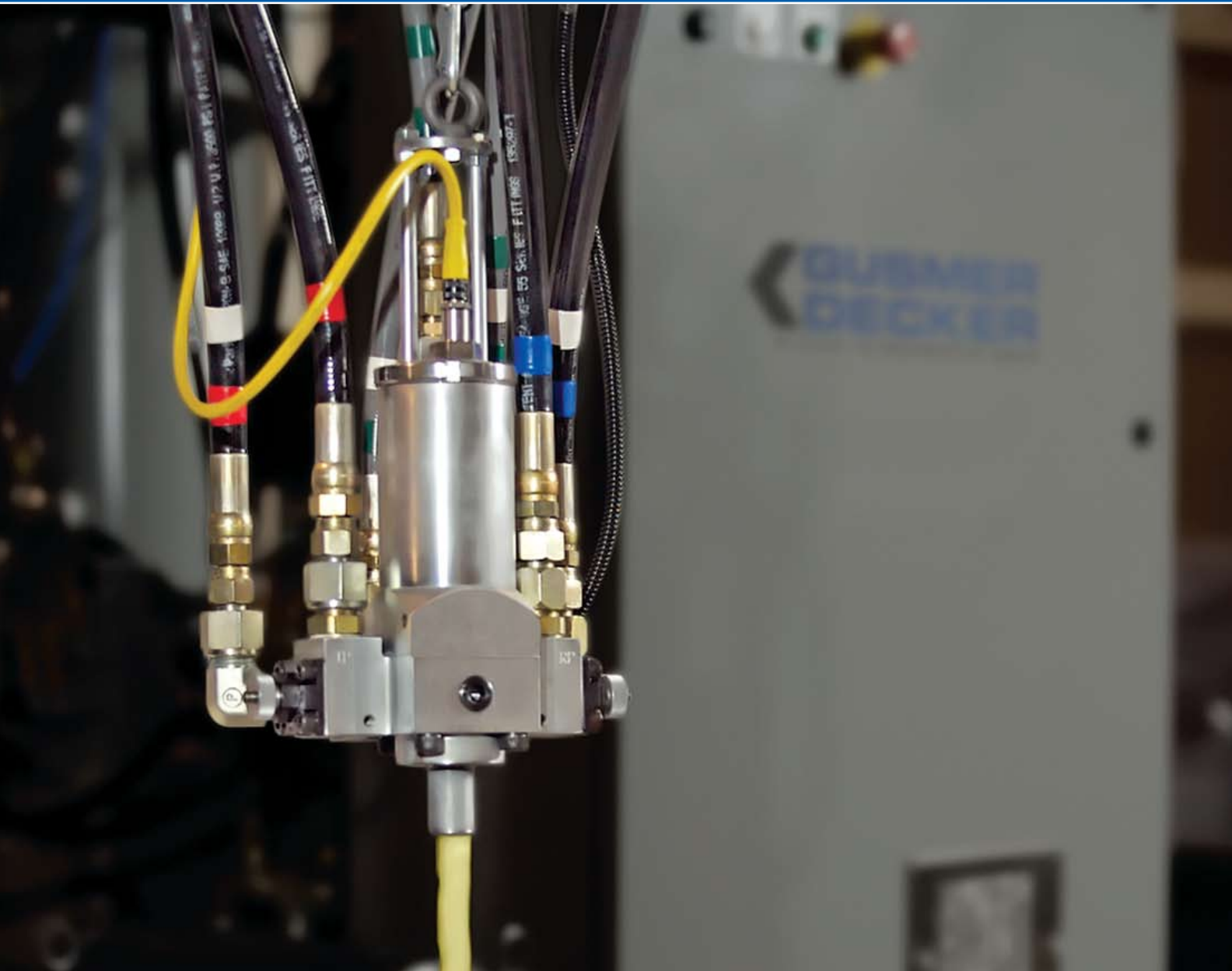


# Mixing Heads

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

<b>FILLED AND UNFILLED POLYURETHANE APPLICATIONS</b>	<b>L-STYLE</b>	<b>DOUBLE L-STYLE</b>	<b>S-STYLE</b>	<b>GX-15</b>
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			•	•
<b>OPEN SPRAY POLYURETHANE APPLICATIONS</b>				
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](http://www.gusmer-decker.com).

# 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!

