

LIQUID APPLIED SOUND DEADENING EQUIPMENT



The most durable equipment for handling and dispensing LASD material

FEATURES AND BENEFITS

- Multi-Orifice Linear Stream Applicator (MOLSA) gives you faster cycle rates, more accurate dispensing and longer production life compared to competitive offerings
- Save time, money and material with patented real-time, closed loop flow control
- Highly durable components reduce downtime and maintenance costs in high-speed operations

Reduce Noise, Vibration and Harshness (NVH)

Achieve lower costs and less re-work by eliminating mastic pads using Graco's proven Liquid Applied Sound Deadening (LASD) solution

300 Gallon (1135 liter) Unidrum™ Bulk Unloader

- Designed for LASD materials
- Abrasion-resistant design
- High volume capability
- Proven in automotive factories

In-Line Filter/Strainer

- Required for LASD materials
- Creates shear as primary function, not filtering particulate

Cleaning Station

- Self-contained, stand-alone water circulating system
- No electrical or robot (line controller) interface
- Pneumatic-driven Graco double diaphragm pump
- No airborne mess or contamination; air blow-off not required

Fluid Plate

- Graco 1/2 in cartridge style regulator
- SST, water base compatible
- High pressure, high flow
- Wide downstream pressure regulated range
- Replaceable regulator cartridge for easy service and minimal downtime
- Abrasion-resistant design for reduced wear and maintenance
- Coriolis mass flow measuring system
- Multi-functional; simultaneous measurement of flow (mass and volume flow), density and temperature
- Balanced, dual-tube design for process pressures up to 5000 psi (34.5 MPa, 345 bar)

MOLSA

- Optimized coverage with no gaps
- Various width nozzle plates
- Multiple orifices for consistent pattern control and film build
- Durable stainless steel construction for minimal wear

Graco's MOLSA gives you:

- Simple mechanical design for balanced, low pressure dispensing
- 14,000 psi (96.5 MPa, 965 bar) pressure rating, the highest in the industry
- High robot processing speeds
- High material flow rate for NVH applications
- Reduced maintenance and long life
- 12 configurations available
- 2 in, 3 in, 4 in (50.8 mm, 76.2 mm, 101.6 mm) widths 0.025, 0.029, 0.035 and 0.041 inch (0.64, 0.74, 0.89, 1.04 mm) orifices

MOLSA shown
Part No. 234524

Applications

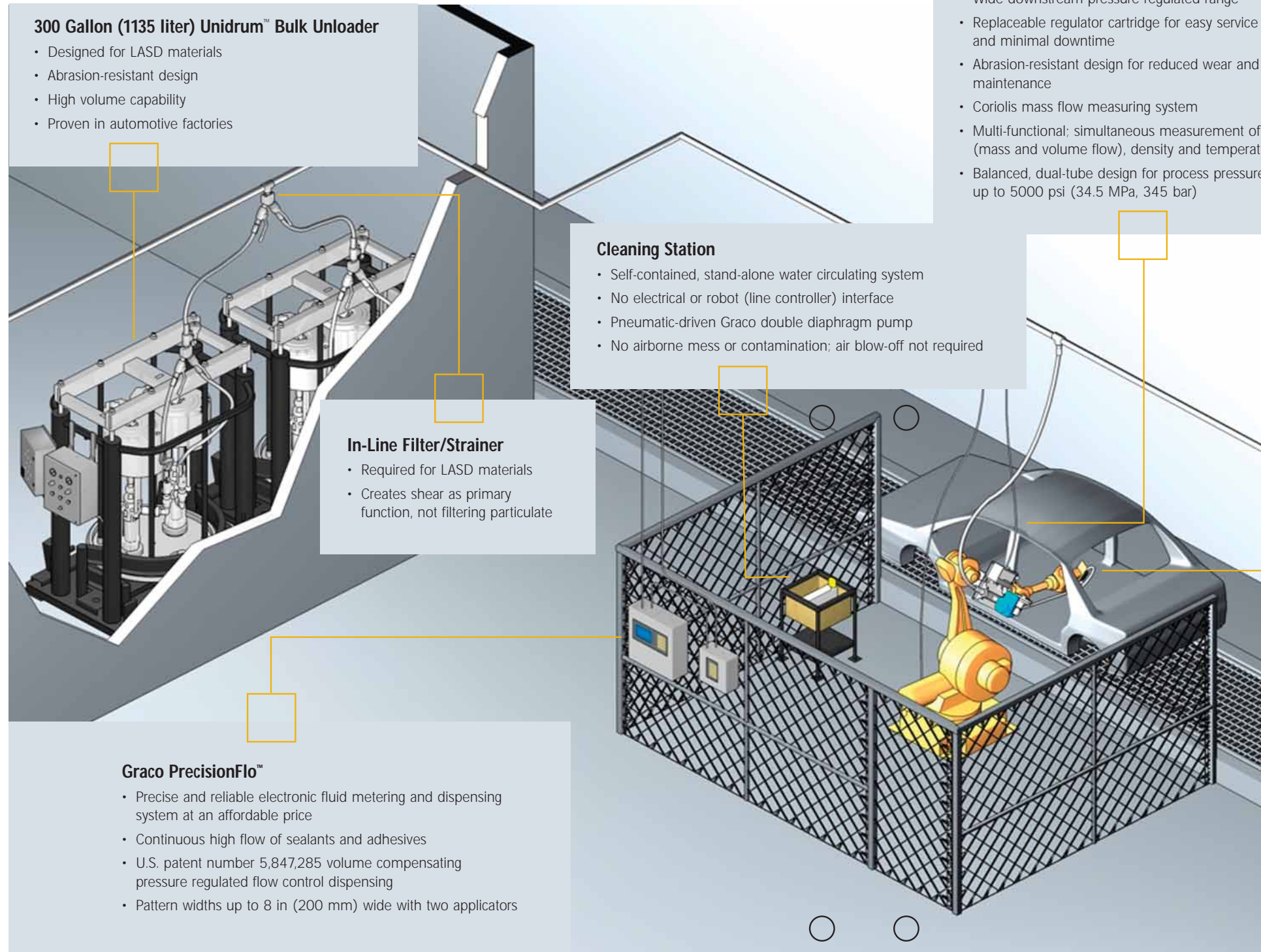
- Water-based NVH materials
- PVC-based NVH materials
- Anywhere a thick film build is required

Fluids Handled

- Water and PVC-based NVH materials

Graco PrecisionFlo™

- Precise and reliable electronic fluid metering and dispensing system at an affordable price
- Continuous high flow of sealants and adhesives
- U.S. patent number 5,847,285 volume compensating pressure regulated flow control dispensing
- Pattern widths up to 8 in (200 mm) wide with two applicators



Technical Specifications

Film thickness	0.060 in (1.5 mm) – 0.160 in (4 mm)
Application speeds	200 – 1,000 mm/second
Pattern widths	2 – 8 inches (50.8 – 203.2 mm) in a single pass
Flow rates	1,400 cc/min (0.37 gpm) – 19,500 cc/min (5.15 gpm)
Stand-off distance	1 – 4 in (25.4 – 101.6 mm) TYP (spell out); up to 6 in (152.4 mm) maximum
Position	MOLSA normally 90° to surface, + 15°
Cleaning	After each job, wipe and submerge MOLSA in 1/8 in (6.35 mm) water
Instruction manual	310639

MOLSA Ordering Information

Part Number	Width	Orifice Diameter Inches (mm)
234513	2 in (51 mm)	0.025 (0.64)
234514	2 in (51 mm)	0.029 (0.74)
234515	2 in (51 mm)	0.035 (0.89)
234516	2 in (51 mm)	0.041 (1.04)
234517	3 in (76 mm)	0.025 (0.64)
234518	3 in (76 mm)	0.029 (0.74)
234519	3 in (76 mm)	0.035 (0.89)
234520	3 in (76 mm)	0.041 (1.04)
234521	4 in (102 mm)	0.025 (0.64)
234522	4 in (102 mm)	0.029 (0.74)
234523	4 in (102 mm)	0.035 (0.89)
234524	4 in (102 mm)	0.041 (1.04)

PrecisionFlo® XL

Consult configured product form number302489

LASD Supply Systems

246985	.300 gallon (1135 liter), tandem 45:1 Unidrum with enhanced depressurization
246983	.300 gallon (1135 liter), single 45:1 Unidrum, left hand
246984	.300 gallon (1135 liter), single 45:1 Unidrum, right hand
248306	.300 gallon (1135 liter), single 45:1 Unidrum for robotic PLC, left hand
248307	.300 gallon (1135 liter), single 45:1 Unidrum for robotic PLC, right hand
249154	.300 gallon (1135 liter), single 34:1 Unidrum, left hand
249155	.300 gallon (1135 liter), single 34:1 Unidrum, right hand
249152	.300 gallon (1135 liter), single 34:1 Unidrum for robotic PLC, left hand
249153	.300 gallon (1135 liter), single 34:1 Unidrum for robotic PLC, right hand
920198	.55 gallon (200 liter), Premier 45:1 bulk unloader

Accessories

246929	LASD Outlet Check Valve
15E089	In-Line Filter/Strainer
248301	LASD Fluid Plate
248090	Cartridge Regulator, LASD Fluid Plate
238747	Cartridge Regulator Replacement Kit (LASD)
15D877	Coriolis Flow Meter
234533	Cleaning Station

All written and visual data contained in this document are based on the latest product information available at the time of publication. Graco reserves the right to make changes at any time without notice.

Call today for product information or to request a demonstration.
1.877.84GRACO (1-877-844-7226) or visit us at www.graco.com.

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