CARLISLE FLUID TECHNOLOGIES

IntelliSpray™ IS40 Proportioner Spray Foam System

Simple, Durable, Driving Productivity

Over the last five years, Carlisle assembled a team of industry leading engineers, experienced technicians, and business owners to engineer the future of the spray foam insulation industry: the IntelliSpray System. We heard your frustrations and tackled three key issues facing industry sprayers: high ratio errors, equipment break downs, and a difficult equipment to use.

"This is by far the smoothest running machine I've ever had the pleasure of using."

– Stephan Cummings
Texas Foam Insulators

>99%

NO MORE OFF-RATIO JOBS AND RE-DO'S

- Independent, Servo-driven motors control the flow of A & B materials to maintain proper ratio
- Ratio monitored and controlled from end of hose with >99% Ratio Accuracy

15

SAVE UP TO 1-1.5 HOURS/DAY

- Warm up in under 15 minutes, more consistent heat, higher outputs, and less downtime
- Automated procedures and troubleshooting

MONITOR & CONTROL WHERE IT'S NEEDED

- Monitor rig operations remotely with cellular connection
- Adjust rig settings while spraying with IntelliSense Remote Control

Smarter More Durable Rig

Spraying polyurethane foam is hard work. The last thing you need are equipment issues keeping you from finishing the job. That's why we set out to eliminate common equipment failures, ensure durability with industrial grade hardware, and simplify troubleshooting. The IS40 keeps you up and running every single day.

Simple, Intuitive Display

- Brilliant, 15" Full Color Display
- Touchscreen with Intuitive pull-down menus
- Built-in Operating Manuals and Full Motion Video Capability
- Intuitive display design makes operation a breeze

Proven, Industrial Grade Hardware

- Major components field proven with years of run-time in similar chemistry and applications
- Highly engineered to reduce fittings, seals and costly points of failure
- Motor bearing life rated at over 20,000 hours
- Extended warranty on major components

True Ratio Control

- Independent, Servo-driven motors control the flow of A & B materials
- Integral flow meters monitor the flow of A and B materials to assure that foam is applied on-ratio
- System automatically compensates for worn components, plugged filters/lines to keep the operator spraying materials on-ratio

Work Faster, More DeltaT

- Unique heater technology supports >100°F DeltaT
- Heating capacity allows contractors to increase mix chamber/tip sizes and spray faster
- System can spray most fluids at higher pressures leading to greater yields and productivity

"Had the pleasure of using the new Carlisle rig today. Overall the smoothest machine I've ever used."

– Mark Gordos, Business Owner

More Control with Built in IioT

- Operating information can be monitored by an owner/operator remotely
- System can be remotely supported from the cloud by our Global Service Center
- IntelliSense Remote allows sprayers to adjust settings directly from the spray area

Easy, Modular Service

- Make any repairs from front of machine
- Major components can be replaced in minutes not hours

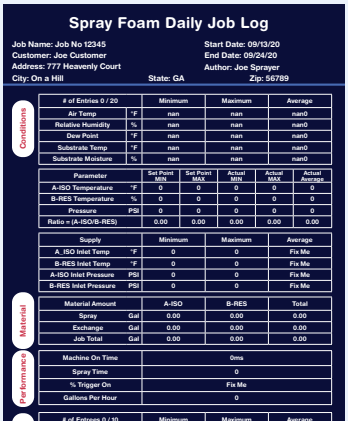
More Intelligence, Less Expertise

- Built-in automated procedures free up operators to focus on other spray tasks and not the machine
- Embedded sensors pinpoint problem areas and allow crews to troubleshoot with ease
- Built-in, filter monitoring — automatically alerts operators when inlet filters need to be changed.

Build Your Reputation

The IntelliSpray IS40 Proportioner is designed to help you build and enhance your reputation. It ensures each job is on-ratio, while keeping your rig up and running faster, and more consistently than ever before.

This complete redesign of the spray foam insulation rig will help you set yourself apart from competitors with a faster warm up, more spray time, and quality assurance for customers.



Spray Foam Daily Job Log

Job Name: Job No 12345
Customer: Joe Customer
Address: 777 Heavenly Court
City: On a Hill
State: GA
Zip: 56789
Start Date: 09/13/20
End Date: 09/24/20
Author: Joe Sprayer

Conditions

# of Entries 0 / 20		Minimum	Maximum	Average
Air Temp	°F	nan	nan	nan0
Relative Humidity	%	nan	nan	nan0
Dew Point	°F	nan	nan	nan0
Substrate Temp	°F	nan	nan	nan0
Substrate Moisture	%	nan	nan	nan0

Parameter		Set Point MIN	Set Point MAX	Actual MIN	Actual MAX	Actual Average
A-ISO Temperature	°F	0	0	0	0	0
B-RES Temperature	%	0	0	0	0	0
Pressure	PSI	0	0	0	0	0
Ratio = (A-ISO/B-RES)		0.00	0.00	0.00	0.00	0.00

Material

Supply		Minimum	Maximum	Average
A_ISO Inlet Temp	°F	0	0	Fix Me
B-RES Inlet Temp	°F	0	0	Fix Me
A-ISO Inlet Pressure	PSI	0	0	Fix Me
B-RES Inlet Pressure	PSI	0	0	Fix Me

Material Amount		A-ISO	B-RES	Total
Spray	Gal	0.00	0.00	0.00
Exchange	Gal	0.00	0.00	0.00
Job Total	Gal	0.00	0.00	0.00

Performance

Machine On Time	0ms
Spray Time	0
% Trigger On	Fix Me
Gallons Per Hour	0

Job Reporting

At the end of the day, provide your contractor with a detailed job report about how the foam was applied on the job:

- Environmental Conditions
- Pressures, Temperatures and Setpoints
- All alarms and Events
- Operator Job Comments
- Materials and Lot Numbers

PRODUCT SPECIFICATIONS

Max. Fluid Pressure	2,500 psi (173.27 bar)
Max. Fluid Temperature	200°F (93°C)
Maximum Flow Rate	40 lb/min
Max. Hose Length	350 ft (107 m)
Operating Temperature Range	32/120°F (0-50°C)
Line Voltage Requirements	200-240 VAC or 380-400 VAC 3-phase
Full Load Amps	FLA 78A
Sound Power	50/60 Hz
Max. Fluid Inlet Pressure	300 psi (20.68 bar)

Min. Fluid Inlet Pressure	25 psi (1.7 bar)
Fluid Inlet Sizes (A/B)	3/4" JIC 12
Fluid Outlet Sizes (A/B)	3/8" JIC 5 (A) JIC 6 (B)
Fluid Circulation Ports (A/B)	3/8" JIC 5 (A) JIC 6 (B)
Dimensions (WxH/Depth)	70.5 x 35.4 x 26.4 in (179 x 90 x 67 cm)
Weight	589 lbs (268kg)
Wetted Parts Materials	Stainless Steel, Aluminum, Plated Steel, Chemically Resistant Plastic, Chemically Resistant O-Rings

Transform Your Business

1. **Schedule a 30-minute Needs Analysis**
   Go to www.intellispraysystem.com
2. **See the Equipment for Yourself in an On-site Demo**
3. **Set Yourself Apart from Competitors with Your New Equipment**

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