



“IT CONSUMES VERY LITTLE SPACE AND CAN BE PLACED IN A SMALL-PICK UP TRUCK, AIRPLANE, HELICOPTER, BOAT, OR AN EXISTING RIG AND CARRIED TO ROOF TOP VIA AN ELEVATOR FOR A WATERPROOFING OR SPRAY FOAM ROOF APPLICATION.”

Historically, low-pressure applications have been limited to small and medium-sized SPF projects due to their output limitations. That being said, portability isn't an issue during low-pressure applications, since the technology consists of smaller, lighter machines.

So, bearing these considerations in mind, how can a contractor attain the best of both worlds, a proportioner that can provide portability, performance, and versatility in one affordable unit? Contractors now have the answer in the LPG Low Pressure Gear proportioner from Specialty Products, Inc (SPI).

“As the SPF industry has advanced, we have seen considerable investments and focus on the chemistry and formulation side. Although

there have been advancements in high-pressure equipment, there were gaps in the equipment technology that contractors wanted filled,” said Chas Weatherford, Vice President of SPI. “We developed a machine that is simple to operate, easy to maintain, and can tackle small and medium SPF applications, while being portable and light enough for one person to carry.”

According to Weatherford, the original LPG was the result of a military grant that consisted of engineering a portable polyurea proportioner that the U.S. troops could easily carry in theatre, along with formulating a blast mitigating polyurea chemistry that could be processed through it. The commercial version of the LPG is extremely compact, so it can be easily transported:



it can be placed in an elevator of a high rise building; in a small pick-up truck, airplane, helicopter, ATV, or boat;

in an existing polyurea or foam rig; or it can be simply carried to projects that are difficult to reach and not easily accessible by high-pressure equipment packages.

Indeed, the LPG is highly portable, with an 18-by-18 inch frame that weighs 76 lbs., which is a fraction of heavy high-pressure proportioners. In addition to its light weight and small size, the LPG plugs into any standard wall outlet and consumes less electricity than a hair dryer.

With an increased output from .75 gpm to 1.2 gpm, available in models by mid-year 2015, the LPG's improved output provides the user increased productivity. Due to its higher production capacity, when compared to other low-pressure equipment, the LPG's increased performance now bridges the gap between high-pressure and low-pressure equipment. Weatherford noted that during the first year of LPG commercial sales, on average, a LPG processed 200 to 300 gallons of Synergy Series product per week. Today, spray foam contractors



and even polyurea contractors are reporting an output of anywhere from 300 to 400 gallons per day with a LPG on their projects.

“The LPG provides a state-of-the art technology that has a much greater output capacity than traditional low-pressure systems,” said Weatherford. “With the LPG, a contractor can now justify mobilizing from a large to a smaller, but still very profitable project, such as spraying rim joists, crawlspaces, or attics in buildings and homes.”

Versatility is another key component of the LPG. It can process any of SPI's Synergy Series spray foam products, which include open-cell foams, closed-cell foams, roofing foams, and pour foam systems. The LPG can also process SPI's Synergy Series pour and spray polyurea elastomeric protective coatings. This versatility presents an option to high-pressure equipment, supporting the SPF contractor who wants to expand their business into polyurea coatings.

“LPG's ability to apply different products offers a significant revenue generating opportunity to the user,” said Weatherford. “Whether the contractor wants to get into or augment their business with foam or polyurea, the LPG's favorable price point and versatility provides a stellar entryway to both industries. Every day, many vertical markets and industries are identifying more uses for both foam and polyurea, so it is a smart investment in terms of revenue and business growth. The hundreds of LPG's that SPI has sold to date throughout the U.S. and many other countries continues to generate more and more revenue for our great customers.”

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