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Spray Foam Rigs: The Definitive Buying Guide

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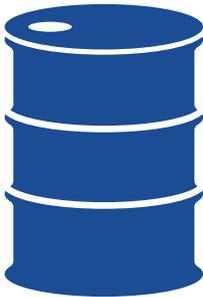
Spray Foam Rigs - The Definitive Buying Guide

Buying a spray foam rig is a little like buying a car: many different options and configurations are possible. This means that purchasing a spray foam rig requires thinking about your needs, the kind of work you will do with it, and your expectations for functionality and performance. In addition, machines for applying polyurethane foam come in many different sizes, configurations, power, and of course prices. In this buying guide, we will cover the basics of spray foam rigs and the essential questions you need to ask to make the right choice.

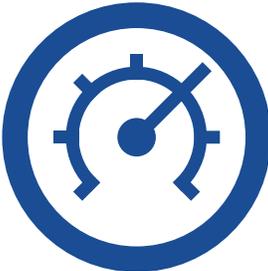


Spray Foam Rigs: The Basics

Spray foam machines are generally used for roofing and large-scale polyurethane foam jobs. A spray foam system allows an SPF contractor to:



Transfer components from the material drums



Heat and pressurize the material



Pump the material through the hose



Mix the material



Spray the material

A **spray foam rig** is a single box truck unit that attaches to a truck and houses all of your spray foam equipment, making applying spray foam and cleaning up the job easier.

Towable Trailers

Trailer based mobile spray rigs are the most popular for a reason: they are practical, do not require a special driver's license, and they can be customized to your specific needs.



Box Trucks

This premium mobile spray foam rig is a whole truck (including the cab) with everything you need in the container area.



Compact Units

These smaller rigs offer a compact size and weight with lower gas and less space to store and operate the rig.



For any commercial job, the right spray foam rig is essential. But to make the right choice, you need to know more about the different kinds of equipment you might want in the rig:

Pump Drive System

The pump drive system will be the primary consideration for your mobile spray foam rig purchase. It determines the foam output, power demands, and maintenance requirements of your machine.

Air-powered systems are the most budget-friendly. They require less power than the other types, but they are also less powerful when it comes to output. This type of system is great for smaller jobs.



Electric-powered systems are middle-of-the-road for both price and output. The power demand is higher than for an air-powered machine, but it also delivers a higher foam output.

Hydraulic spray foam rigs are the newest technology. They are the best regarding output and performance consistency, but they are also more expensive and require more power. These are perfect for large-scale jobs and for contractors who specialize in polyurethane foam work.

Power Requirements

As we have seen, all pump drive systems require power. This power can be supplied either via the electrical grid at the job site or with a generator, which is typical for mobile rigs.

When buying a spray foam rig, you need to consider the electric capacity of your potential job sites. Mobile rigs may require the purchase of generators to ensure enough power for the job.



Output Rates

As you shop for the right polyurethane foam spray machine, you will want to keep an eye on the output rate. The higher the output rate, the more foam you can spray in a specific amount of time. Better output rates mean a faster job, too. And, of course, the higher the output rate, the more expensive the machine.

However, since high output machines help you finish the job faster, it is wise to invest in the best spray foam equipment you can afford.



Heating and Pressure Rates

The last two elements you want to consider are the machine's heating and pressure rates.

Heating effects the viscosity of your foam and influences the quality of the final product.

Different materials require different temperatures. You must, therefore, choose a machine that will heat your chemicals at the right temperature for the best result.

The machine's pressure rate is also linked to the type of foam material you use. Different chemicals require different pressure rates to be forcefully moved from the drums to the gun. When shopping for your rig, you will need to know in advance what materials you use so you can choose components with the right pressure rate.



Questions to Ask Before You Buy

Now that you know more about the machines themselves, here are a few things to consider when you shop for a spray foam rig.

On What Kinds of Jobs Will I Use the Rig?

The type of job and the amount of spraying work you will do with your machine will determine most of your purchase decisions. Do you mostly rely on grid power for small on-site work? Do you do the occasional roof job? Are you responsible for large-scale spraying work in commercial building projects?



The occasional home renovation foam spraying job requires something less sophisticated and powerful than large contracts in commercial projects. Consider the time it would take to do an average job using your prospective machine's output rate.

What is My Budget?

Everyone has a budget. It's important to know yours before you start shopping. Obviously, your budget will be related to how much spray foam work you do in your average week or month.

At **Intech Equipment**, we build custom spray foam rigs for every need and budget. Since we do not tie your purchase to a particular brand of foam supplies, you have the freedom to manage your business the way you want to. We focus on providing high-quality rigs with the right equipment, along with the best customer service. You can use any foam brand you like. We also have experts at your service for parts, servicing, and technical troubleshooting.

Conclusion



Buying a new spray foam rig is a significant financial commitment. Choosing the right configuration will influence the speed and quality of your work, which in turn impacts your business success. At Intech, we are committed to providing the best quality custom spray foam rigs along with best-in-class customer service.

Contact Intech today, for more information and to order your custom spray foam rig.

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