SPRAY FOAM INSULATION RIGS

Not all rigs are equal. What to know before you buy.

CONSIDER TRAILER STYLE
- Tap Along Trailer
- Gooseneck Trailer
- Box Truck

CONSIDER DOOR TYPE
- Barn Doors
- Ramp Doors

CONSIDER TRAILER FRAMEWORK
- Minimum support studs 16 in. on center
- Minimum height 7 ft. 6 in. overall height

TRAILER FRAMEWORK specs & options
- Minimum support studs 16 in. on center
- Minimum height 7 ft. 6 in. overall height

Air Dryer
- Properly dried air is important to properly spray your foam, while avoiding moisture from the hose tangling or clogging. Choose a high temp rated dryer with a minimum inlet air dry of 180°F.

Compressor
- Select an air compressor to meet all air requirement needs. Some typical products requiring compressed air, spray guns, feed pumps, agitators, breathables, or power tools, etc. Consider the size and capacity of the compressor, main source of electricity, air, alternate take-off when sizing a drying solution. Be sure to only use a "continuous run" style compressor.

Agitator
- Some materials require mixing to optimize yield and performance. Follow your chemical manufacturer’s recommendations to determine if an agitator is required. Options include expanding blades or ‘twistork’ style.

Sprayer
- The primary piece of equipment required to spray foam insulator is your sprayer. Popular sprayers come in three types: electric, hydraulic, and air sprayers. The ‘sprayer’ jet is to heated and pressurized is a specific chemical and deliver them to the gun. Consider your typical applications, desired outputs, hose length, data capture and remote reporting needs when selecting a sprayer.

Transfer Pump
- Transfer pumps are required to feed chemical to your proportioner. Consider material viscosity. A minimum output is less than 1000 psi. Consider a transfer pump when using your proportioner to define the location of the generator.

Spray Gun
- A two-component spray gun is where the spray foam chemicals are mixed. Most pour time is related to the spray gun output rate. Choosing a spray gun that is compatible with your foam is critical to ensure effective mixing. Consider a nozzle that is appropriate with your foam and material type and environment.

Generator
- Diesel generators provide consistent, clean electricity to properly power your equipment for years of trouble free service. Consider all items that will require power: proportioner feed pumps, refrigerated air dryer, air compressor, power tools, lighting, auxiliary air, heat/AC units, etc when sizing your generator. Be sure to consider the effect on tongue weight when determining the size of the generator.

Heated Hose
- Heated hose is engineered to precisely heat the spray foam with a proportioner, allowing for fast and uniform heating. Consider productivity, technology of your proportioner, safety ratings of the hose, spray pressures, and stuff guard materials when selecting a heated hose.

Material Bracing
- Designed to safely store and transport 20 gallon drums of full chemical. Welded metal racks with arch style angle and ribbing reinforce and protect your material from damage from spills and abuse.

Emergency Eye Wash
- Keep a binder to make it easy!

Equipment ready for all equipment.

Fire Extinguishers
- Minimum two, ABC approved.

Spray foam requires you to plan for all materials your rig.

A separate room from your work area. A separate room for storage will help you to better control the interior temperatures and noise.

A Hose hatch allows your team to access and allow you to keep the doors of the trailer closed for productivity control.

A heat locked should be used to hold your hoses without unforeseen downtime.

Material should be used to hold your hoses without unforeseen downtime.