



# **SURGE™ CUSTOM-BUILT FIREFIGHTING UNITS**

## **FLAT SKID SYSTEMS**



Whether you're fighting fire in rural areas or need convenient and easily-accessible landscape watering solutions, BARR has a unique firefighting unit to fit your needs.

These flat skid units are built to fit standard truck beds, with customized dimensions available through our custom fabrication division. Load up these units quickly and efficiently for quick-response use and easy access. These units are an extremely popular choice as they can be fitted to accommodate a forklift for simple loading and unloading; we also have an array of valve and fitting options for suit contractor, municipal, and business needs alike.

## **SYSTEM COMPONENTS**

- Elliptical OR horizontal leg transport tank (100-1035 USG). Higher capacity tanks available; please contact us.
- Firefighting pump (85 or 145 PSI options available).
- Universal fire hose connections (1.5").
- Fire hose fill valve connection (several options available).
- Skid mounted: plastic or steel skids available in a variety of sizes.
- Nozzle connections options for spray down/wetting applications.
- Optional garden hose connections.
- Optional lockable equipment box.





## CUSTOMIZATIONS OPTIONS

- Modified cage tote options: if you're working with a tight budget, or need a smaller and simpler option than our elliptical and horizontal tank units, ask us about cage tote options. Available with custom fabricated cages/skids for easy transport, or available with just the pump and hose fitted to the cage tote.
- Add a fill/empty valve on the leg of the tank for easy access; options available on any leg of the tank and with different configurations depending on your needs.
- Fit your unit with a powerful Honda or BE Power Ease pump at 85 or 145 PSI. Pumps provide a spray length of at least 80-90 ft with an 85 PSI pump.
- Option for multiple fittings with a single discharge. A female camlock can be included to allow for standard garden hose or fire hose to be fitted to the discharge.
- Standard capacity availability is typically elliptical or horizontal tanks of between 525 and 1035 USG. Higher capacity options are available through special request; please talk to a specialist for more information.
- Steel skids: For a more robust setup, steel skids offer resilience and long-lasting durability, but do take longer to install and increase the costs of the project. Steel skids may be more appropriate if you are requiring overhead lifting or loading/unloading of a completely filled unit; this adds stability and security.
- Plastic skid option: If you're stretching your budget or need your unit faster, plastic skids are a great option for a less expensive unit that's still tough. Plastic skids can be provided quicker and are also corrosion-resistant.
- Connect custom brass nozzles to the discharge to create a sprayer for wet down and dust control. Additional spray down/wetting and dust control features, such as a spray bar, are also available.



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## CUSTOMIZATION OPTIONS CONT'D

- Valve for floating suction filling available for add-on.
- Units can be fitted with standard garden hose connections for landscaping use; plant watering, dust control, and more.

## APPLICATIONS

- Emergency fire suppression
- Wildland fire fighting
- Landscaping - watering, dust control, wetting
- Municipal fire fighting
- Road maintenance - dust control, wetting



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