

### SYSTEM OVERVIEW

This system allows a single operator to safely retrieve and reload large diameter hoses with minimal manpower. The hydraulic carriage travels along a rail system over the hose container while also moving side-to-side to evenly flake the hose. The operator remains in a safe, seated position and can quickly complete hose retrieval, improving efficiency and reducing physical strain.

### FEATURES

A fully automatic 12" diameter hose retrieval system designed for safe and efficient hose recovery after firefighting operations. The unit is mounted on a hydraulic carriage that moves in both directions, allowing smooth hose loading and flaking into the hose container/bed. It can be operated using manual hydraulic controls or an optional wireless remote. The Hydraulic power unit can be powered by the truck's PTO or an independent gasoline or diesel engine. The system ensures reliable performance with minimal manual effort.

### KEY FEATURES & SPECIFICATIONS

- Designed to load and flake hoses up to 12" diameter
- Mounted on a structural frame customized to the hose container
- Standard Dimensions: 35" W x 54" L x 26" H (890 W x 1372 L x 660 H mm)
- Hydraulic movement in both travel directions side to side and front-to-back
- Rack and spur gear drive system for durability
- Operates with PTO or engine-driven hydraulic pump (13 GPM @ 1200 PSI)
- Manual wired and wireless control options available
- Variable speed control 0 – 125 ft/min retrieval rate (0 – 38 mtrs/min)
- Heavy-duty rubber drive rollers (60 durometer)
- Strong drive shafts, bearings, chains, and sprockets
- Approximate weight: 1200 pounds (545 kg) -depending on configuration
- Powder-coated finish (standard red or custom color)
- Proportional control valves for smooth wireless operation
- Engine options: Honda (gas), Hatz and Kubota (diesel, air/liquid cooled)

