



HD-77R LADDER

Built with 100,000 PSI steel and having an impressive 2.5:1 safety factor, the new HD-77R Ladder can flow 1500 GPM with a 500 pound tip load. Add optional front down jacks and achieve a 750 pound dry tip load. Jack spread is a compact 16' with 2 rear outriggers; only 14' when adding the aforementioned front down jacks. The 80° maximum angle of elevation means you can rotate within the outrigger stance. You also have an impressive 23' 6" horizontal reach at 70°, or 44' at 50°, which means you can overcome larger set-backs than other aerials in this class.

SPECIFICATIONS

Chassis:	Cinder and Igniter up to 450hp, Inferno up to 600hp, Ultra up to 500hp
Body:	Extruded Aluminum
Compartments:	<p>Quint 1: Left side full height x 24" deep; Right side full height w/EZ-Stack hose bed</p> <p>Quint 2: Left and right side full height 24" deep lower/12" deep upper w/hose chutes</p> <p>MVP: 6 compts left, 4 compts right plus EZ-Stack hose bed, 4 compts rear</p> <p>Truck: Left and right side full height, 24" deep lower/transverse upper ahead of aerial</p>
Ladder Storage:	Up to 200' ground ladders enclosed in full length torque box
Pump Size:	Available up to 3000 gpm
Tank Size:	Up to 500 gallons on single axle or 1000 gallons on tandem
Ladder and Reach:	<p>3-section heavy duty steel ladder with -7° to +80° operational envelope</p> <p>Over 180° rotation at -7°</p> <p>79' vertical reach at 80° and 70' horizontal reach at 0°</p> <p>45' 8" vertical and 60' 1" horizontal reach at 30°</p>
Rated Load Capacity:	<p>500 pounds dry / 500 pounds flowing 1500 gpm</p> <p>Up to 2250 pounds distributed and 500 pounds at the tip while flowing 1500 gpm</p> <p>No restrictions on waterway monitor positioning while flowing 1500 gpm</p>
Warranty:	<p>10 year cab and body structural, 20 year aerial structural,</p> <p>5 year aerial swivel, 10 year aerial waterway</p>



FEATURES & OPTIONS



Angled bolt on egress section for an easier transition to a roof or open window



High handrails make it easier and safer to climb the ladder



Intermediate steps allows easy movement from turntable to the ladder



Large upper section that can accommodate stokes baskets



500 pounds load lifting eyes at the ladder tip



Easy setup with waterproof illuminated outrigger controls



Ladder controls are electric over hydraulic and operated through a deadman switch



Manual overrides are conveniently located inside the turntable control console



Optional ladder controls at tip

