



HD-77 LADDER

Our most popular aerial every year, the HD-77 is a do-all quint. With a compact wheelbase that's shorter than some top mount custom pumpers, the HD-77 brings it all to the fire.

The 72° maximum angle of elevation means you reach a higher point at lower elevation. This translates into greater horizontal reach at all elevations, 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 - quint or truck (no pump/tank)
Compartments:	Quint 1: Left side full height x 24" deep; Right side full height w/EZ-Stack hose bed Quint 2: Left and right side full height 24" deep lower/12" deep upper w/hose chutes MVP Rescue Ladder: 6 compts left, 4 compts right plus EZ-Stack hose bed, 4 compts rear Truck: Left and right side full height, 24" deep lower/transverse upper ahead of aerial
Ladder Storage:	Up to 200' ground ladders enclosed in full length torque box
Pump Size:	Available from 750 gpm to 3000 gpm
Tank Size:	Up to 500 gallons on single axle or 1000 gallons on tandem
Ladder and Reach:	3-section heavy duty steel ladder with -6° to +72° operational envelope Over 180° rotation at -6° 77' vertical reach at 72° and 70' horizontal reach at 0° 45' vertical and 60' horizontal reach at 30°
Rated Load Capacity:	500 pounds dry / 500 pounds flowing 1500 gpm Up to 3250 pounds distributed + 500 pounds at the tip while flowing 1500 gpm No restrictions on waterway monitor positioning while flowing 1500 gpm
Warranty:	10 year cab and body structural, 25 year aerial structural, 10 year waterway and waterway seals, 15 year torque box & stabilizer



FEATURES & OPTIONS



Supply a standpipe without disconnecting the nozzle optional 2-1/2" discharge at the ladder tip



Quickly put out a fire in an attic or upper void area with our optional 165 vertical travel monitor



Standard 11° angled, bolt-on egress section for easy transition to a window or roof



Optional recessed magnet in the auxiliary pad for connecting to the stabilizer foot pad



Standard pair of load lifting eyes at the ladder tip are rated at 500lbs as a pair for added rescue capability



All sheaves are fully enclosed, so PPE or other gear won't get caught between the cable and pulley



Stabilizer foot pads are angled slightly down toward the middle of the truck



Extension/retraction is smooth and rapid with our dual Siamese extension cylinders



Well-lit ladder rungs for safe and easy night operations

