



Ultra High Pressure
Fire Suppression Systems

EQUIPMENT & OPTIONS CATALOG

HYDRUS 1



HMA Fire's Ultra High Pressure (UHP) HYDRUS Skid Unit is designed to be easily installed on any appropriate UTV/RAV, small or full size pickup truck or van, other appropriate vehicle, or installed as a fixed facility fire protection system. It is intended for first responder fire fighting to attack on- and off-road fuel fires, forest and wildlands fires, and fires within parking garages, warehouses, and other facilities. It is completely self-contained and incorporates a state-of-the-art UHP fire suppression system powered by a gasoline or diesel engine included in the unit.

UHP Suppression System: 18 – 22 gpm @ 1400 psi
Honda 24 HP V-Twin gasoline engine
18 – 22 gpm @ 1400 psi Positive Displacement Pump
80 gallon baffled poly tank (lifetime guarantee)
Poly tank low level sensor system

Includes: SS plumbing and fittings; 5.3 Gal chassis independent fuel tank; 12 VDC self-contained electrical system; UHP pistol grip style nozzle; operations, maintenance and training manuals package; Hannay 150' electric rewind hose reel (aluminum); 150' HP ¾" ID handline;

PART NUMBER	DESCRIPTION
HYDRUS 1	UHP Skid Unit
309A1021	Foam Proportioning System (0.5% - 6% adjustable)
309A1030	Self Drafting Kit (up to 14' capability)
309A1032	Service Kit (Tools, etc.)
309A1033	Diesel Option Upgrade pkg
309A1035	Dual Flow / Pressure System pkg

T 6

HMA Fire's **T 6** Ultra High Pressure first responder remote access fire fighting vehicle is designed to attack on- and off-road fuel fires, forest and wildlands fires, and fires within parking garages, warehouses, and other facilities. It is built on a rugged and highly mobile 6WD Polaris Ranger UTV and incorporates a state-of-the-art UHP fire suppression system.

UHP Suppression System: 18 – 22 gpm @ 1400 psi
 Honda 24 HP V-Twin gasoline engine
 18 – 22 gpm @ 1400 psi Positive Displacement Pump
 80 gallon baffled poly tank (lifetime guarantee)
 Poly tank low level sensor system

Includes: SS plumbing and fittings; 5.3 Gal chassis independent fuel tank; 12 VDC self-contained electrical system; UHP pistol grip style nozzle; operations, maintenance and training manuals package; Hannay 150' electric rewind hose reel (aluminum); 150' HP ¾" ID handline; 1 year limited HMA warranty.

PART NUMBER	DESCRIPTION
T 6	UHP First Responder
309A1021	Foam Proportioning System (0.5% - 6% adjustable)
309A1030	Self Drafting Kit (up to 14' capability)
309A1032	Service Kit (Tools, etc.)
309A1033	Diesel Option pkg
309A1035	Dual Flow / Pressure System pkg
309A1036	Whelen Emergency Lighting and Siren pkg
309P0101	Polished Chrome Aluminum Wheels
	Trinity Trailer

T 4

The **T 4** is the tracked version of HMA's Ultra High Pressure (UHP) first responder remote access fire fighting vehicle. It is designed to attack on- and off-road fuel fires, forest and wildlands fires. It is built on a rugged and highly mobile 4WD Polaris Ranger UTV and incorporates a state-of-the-art UHP fire suppression system.

UHP Suppression System: 18 – 22 gpm @ 1400 psi
 Honda 24 HP V-Twin gasoline engine
 18 – 22 gpm @ 1400 psi Positive Displacement Pump
 80 gallon baffled poly tank (lifetime guarantee)
 Poly tank low level sensor system

Includes: SS plumbing and fittings; 5.3 Gal chassis independent fuel tank; 12 VDC self-contained electrical system; UHP pistol grip style nozzle; operations, maintenance and training manuals package; Hannay 150' electric rewind hose reel (aluminum); 150' HP ¾" ID handline; 1 year limited HMA warranty.

PART NUMBER	DESCRIPTION
T 4	UHP First Responder
309A1021	Foam Proportioning System (0.5% - 6% adjustable)
309A1030	Self Drafting Kit (up to 14' capability)
309A1032	Service Kit (Tools, etc.)
309A1033	Diesel Option pkg
309A1035	Dual Flow / Pressure System pkg
309A1036	Whelen Emergency Lighting and Siren pkg
	Trinity Trailer
	Mattracks Tracks
	NorthStar (Polaris) Tracks

PROTEUS 1



HMA's Ultra High Pressure (UHP) **Proteus 1** Brush Truck Vehicle is built on a Ford F150 4WD Extended Cab Chassis or equivalent. The **Proteus 1** incorporates a UHP water/foam fire suppression systems. The UHP system is powered by a Honda 24 hp (or equivalent) auxiliary engine providing a pump and roll capability. The vehicle includes a 150 ft. handline that delivers 18 to 22 gpm.

UHP Suppression System: 18 – 22 gpm @ 1400 psi

Honda 24 HP V-Twin gasoline engine

18 – 22 gpm @ 1400 psi Positive Displacement Pump

160 gallon baffled poly tank + integrated 20 gallon foam tank(lifetime guarantee)

Poly tank low level sensor system

Includes: SS plumbing and fittings; 5.3 Gal chassis independent fuel tank; 12 VDC self-contained electrical system; UHP pistol grip style nozzle; operations, maintenance and training manuals package; Hannay 150' electric rewind hose reel (aluminum); 150' HP ¾" ID handline; 1 year limited HMA warranty.

PART NUMBER	DESCRIPTION
PROTEUS 1	UHP Brush Truck Vehicle
309A1021	Foam Proportioning System (0.5% - 6% adjustable)
309A1030	Self Drafting Kit (up to 14' capability)
309A1032	Service Kit (Tools, etc.)
309A1033	Diesel Option pkg
309A1035	Dual Flow / Pressure System pkg
309A1036	Whelen Emergency Lighting and Siren pkg
309C1271	UWS Sidemount Toolbox
Trinity Trailer	Trailer

PROTEUS 2



HMA's Ultra High Pressure (UHP) **Proteus 2** Brush Truck Vehicle is built on a Ford F250 4WD Extended Cab Chassis or equivalent. The **Proteus 2** incorporates a UHP water/foam fire suppression systems. The UHP system is powered by a Honda 24 hp (or equivalent) auxiliary engine providing a pump and roll capability. The vehicle includes a 150 ft. handline that delivers 18 to 22 gpm.

UHP Suppression System: 18 – 22 gpm @ 1400 psi

Honda 24 HP V-Twin gasoline engine

18 – 22 gpm @ 1400 psi Positive Displacement Pump

160 gallon baffled poly tank + integrated 20 gallon foam tank(lifetime guarantee)

Poly tank low level sensor system

Includes: SS plumbing and fittings; 5.3 Gal chassis independent fuel tank; 12 VDC self-contained electrical system; UHP pistol grip style nozzle; operations, maintenance and training manuals package; Hannay 150' electric rewind hose reel (aluminum); 150' HP ¾" ID handline; 1 year limited HMA warranty.

PART NUMBER	DESCRIPTION
PROTEUS 2	UHP Brush Truck Vehicle
309A1021	Foam Proportioning System (0.5% - 6% adjustable)
309A1030	Self Drafting Kit (up to 14' capability)
309A1032	Service Kit (Tools, etc.)
309A1033	Diesel Option pkg
309A1035	Dual Flow / Pressure System pkg
309A1036	Whelen Emergency Lighting and Siren pkg
309C1271	UWS Sidemount Toolbox
Trinity Trailer	Trailer

L3



L3 UHP 8WD Remote Access Fire Fighting Vehicle (RAFFV) - HMA's L3 Ultra High Pressure (UHP) first responder remote access fire fighting vehicle is designed to attack on- and off-road fuel fires, forest and wildlands fires, and fires within parking garages, warehouses and other facilities. It is built on a rugged and highly mobile 8 wheel drive skid-steer HMA Chassis and incorporates a state-of-the-art UHP fire suppression system. The system delivers up to 72 gpm of water/foam at 1100 - 1400 psi. using a bumper turret and a 200 ft. handline that delivers 15 - 30 gpm. The bumper turret features State-of-the-art (SOA) suppressant targeting using HMA's new proportional control joystick. The aluminum vehicle body includes a 300 gallon poly water tank with integrated 40 gallon foam tank. The L3 is pump and roll capable and self drafting.

PART NUMBER	DESCRIPTION
L3	Remote Access Fire Fighting Vehicle