



MIDWEST FIRE

**Equipment & Repair Co., Inc.
901 Commerce Road/P.O. Box 524
Luverne, MN 56156**

PROPOSAL

MIDWEST FIRE "GRASS COMMANDER" SKID UNIT

TANK:

The booster tank shall be a 250 Gallon polypropylene baffled tank. Constructed of, 1/2" thick high-impact, UPF PT2E polypropylene sheet stock. The material shall be of a certified, high quality, non-corrosive, stress relieved thermoplastic, black in color, and UV stabilized for maximum protection.

(LIFE TIME WARRANTY)

The tank shall have a combination vent and manual fill tower. The fill tower shall be constructed of 1/2" PT2E polypropylene and shall have a standard dimension of 8" Round x 8" high with a molded cover. The tower shall be located on the curb side rear corner of the tank. Inside of the fill tower approximately 2" down from the top shall be fastened a combination vent/overflow pipe which shall be of standard schedule 40 polypropylene pipe with minimum ID of 3" designed to run vertically through the tank. The transverse swash partitions shall be manufactured of 3/8" PT2E polypropylene which shall interlock with a longitude partition constructed of 1/2" polypropylene.

There shall be one (1) sump. The sump shall be constructed of 1/2" polypropylene and located in the street side rear bottom of the tank, flush with the rear wall. The tank shall have a suction of the internal draw type and will

incorporate a dip tube with an anti-swirl plate located directly above the sump. The sump shall have a 1" F.N.P.T. threaded outlet on the bottom outside wall as a drain. The passenger side rear wall of tank shall have a standard built-in sight gauge 2" width, natural in color.

PUMP:

Hale HPX100B18, high pressure, medium volume, engine driven pump. Equipped with a four cycle, air cooled 18 H.P. Briggs & Stratton model OHV Vanguard V-Twin gasoline engine, 12 volt electric start and manual, control panel with ignition switch, throttle, gauge, 6-gallon marine style fuel tank, and vacuum exhaust primer.

Pump Ratings: 150GPM @ 50PSI
100GPM @ 100PSI
15 GPM @ 280Psi

PLUMBING:

One (1) 1 1/2" NSTM discharge pipe
One (1) Akron #2580 leader line wye 1.5" X 1.5" X 1.5"
One (1) 15' x 3/4" Grass-line booster hose coupled 1" NSTF
One (1) 1 1/2"X 1" brass adapter

One (1) 2 1/2" Rear suction for drafting (not gated)
One (1) 2 1/2" NSTF swivel adapter w/screen, chrome plated
One (1) 2 1/2" NST plug & chain, chrome plated

One (1) 2 1/2" Tank to pump line gated with an 2 1/2" valve

One (1) 1" Tank fill/re-circulating line gated with a 1" valve

One (1) 1" Hose reel line gated with a 1" valve

HOSE REEL:

One (1) Hannay electric rewind hose reel, mounted above tank for access each side. The hose reel to be equipped with 100', 3/4" booster hose and stainless steel hose rollers each side of reel

NOZZLES:

Each hose shall have a red hand-line nozzle

SKID FRAME:

One (1) 3" PT2E polypropylene channel beam base with extension. The channel frame will be overlaid with aluminum Tread-Brite

OVERALL DIMENSIONS & WEIGHTS:

Approximately 46"W x 96"L x 50"H including hose reel

Empty: 620#

Full 2700#