

# **Ty Parker's** **WILDLAND** **WAREHOUSE**

**SUPPLIERS OF WILDLAND GEAR**

**DESIGNERS OF CUSTOM SKID UNITS**

**INITIAL ATTACK TRUCKS**

www.WildlandWarehouse.com  
P.O. Box 425, Blirstown, NJ 07825  
1-866-Wildland • Fax 908-362-6236

## **Wildland Warehouse Type 7**

The real advantage of our Type 7 unit is its ease to use, remove and space savings. It delivers the full punch of a quick Initial Attack Engine but still leaves over ½ the bed empty and available for tools, equipment, supplies, etc.

### **Specifications for a 100, 125, 150 or 200 gallon Truck mounted Fire Suppression Skid Unit**

#### **A – Tank**

##### **Top Mount Pump**

100, 125, 150, 200 Gallon capacity polypropylene water tank/skid unit. The Tank shall be constructed of ½” thick, UV resistant, black textured Polypropylene material for the top, bottom, and sides. It shall be baffled with minimum 3/8” transverse and longitudinal baffles to meet NFPA standards and shall include a lifetime factory warranty. The tank shall be approximately:

100 gallon:	48” Long x 31” Wide x 21” High
125 gallon:	48” Long x 38” Wide x 21” High
150 gallon:	48” Long x 44” Wide x 21” High
200 gallon:	48” Long x 58” Wide x 21” High

The entire skid unit, including the hose reel, shall be approximately:

100 gallon:	48” Long x 31” Wide x 41” High
125 gallon:	48” Long x 38” Wide x 41” High
150 gallon:	48” Long x 44” Wide x 41” High
200 gallon:	48” Long x 58” Wide x 41” High

The tank, as a minimum, shall include the following:

- 1) Minimum 5” square water fill tower with hinged lid and screen.
- 2) White poly full height water sight gauge
- 3) ¾” Mounting Block on Tank Top
- 4) 1 ½” minimum Diameter Suction Port in FNPT with foot valve in removable access plate
- 5) 1” minimum Diameter Fill Port in FNPT
- 6) 2” minimum Diameter Drain Port in FNPT
- 7) Vehicle Mounting Flanges
- 8) Lift Handles

## **B – Pump**

The Wick 100-4H pump delivers a wallop producing 100psi yet is only 21 lbs, has a centrifugal clutch and is mounted to be quick detach so it may be used as a portable pump!

**Mercedes Textiles/Wick 100-4H:** Single Stage pressure pump. Max Weight: **21 lbs**.

- 1) Engine: **2.5 HP Honda, 4 Stroke**, Air-cooled.  
Recoil start  
Integral Fuel tank
- 2) Pump: Single Stage, High-Pressure driven by **centrifugal clutch** (so powerhead may be left at idle without pumping water, or losing prime)  
1 ½” NPSH Suction, 1 ½” NPSH Discharge  
Max PSI: **100**, Max GPM: **70**
- 3) Primer – A brass hand primer shall be supplied and mounted

The Wick water pump shall be mounted on the driver-side within reach of the operator in such a way that it is **quickly removable** using only a spanner wrench for optimal use in remote draft sites.

## **C – Hose Reel**

A **stainless steel/nylon**, manual rewind, lightweight (only 29lbs), rust-free, hose reel with roller fairlead shall be supplied and mounted on top of the tank on the passenger side. It shall have the capacity to hold a minimum of 100ft of ¾ in. lightweight reel hose with a 1” NH or 1” NPSH, or ¾” GHT male riser.  
(Please circle preference.)

## **D –Hose/Nozzle**

100 Ft. of ¾ in. lightweight (only 18lbs per 100 ft.) Reel Hose with a yellow abrasion resistant treatment and 400psi minimum working pressure, shall be supplied and installed. It shall include **field repairable couplings** for quick repair in 1 in. NH or 1 in. NPSH or ¾ in. GHT thread and a dual range 10-23gpm Fog Nozzle shall be included.  
(Please circle preference.)

## **E – Plumbing**

All valves to be full port ¼ turn brass ball valves rated to 600 PSI. All plumbing to be **stainless steel**. All suction side plumbing to be rated at 150 PSI minimum. All discharge side plumbing to be rated at 150 PSI minimum (overbuilt by a minimum of a 50% safety factor).

The pump shall be pre-plumbed as follows on the **suction** side:

- 1) 1 1/2” Diameter T
- 2) A clear (to allow visibility of water) 1 ½” diameter PVC suction hose shall be mounted between the “T” and pump suction to eliminate vibration.
- 3) 1 – 1 1/2” ¼ turn brass ball valved leg into the tank draft with foot valve.
- 4) 1 – 1 1/2” leg extended to the side of the tank to draft with, which shall have an adapter in 1 ½” Male NPSH and cap with chain.
- 5) A 1 1/2” Female NPSH x 1 ½” Female NH swivel adapter will be provided for direct fills/pumping.

On the **discharge** side, the pump shall be plumbed through 1 ½” pressure hose to eliminate vibration using only stainless steel plumbing with the following valved discharges:

- 1) 1” Tank fill/circulate (standard)
- 2) ¾” Hose Reel (standard)
- 3) 1” Overboard discharge in NH or NPSH w/ cap and chain  
(Please circle preference.)
- 4) 1 ½” Overboard discharge in NH w/ cap and chain (standard)
- 5) Preset pressure relief valve
- 6) 0-160PSI Pressure Gauge

All valves shall be labeled.

**Direct Fill** – A stainless steel direct tank fill with a double female swivel in 1 ½” NH with plug and chain shall be provided on the curb-side.

## **G – Suction Hose**

1 length of 1 ½” Diameter x 10 ft Lightweight PVC Suction Hose in NPSH shall be included  
1 – 1 ½” diameter x NPSH foot valve/strainer shall be included.

## **H – Hardware**

All hardware to include at a minimum bolts, u-bolts, screws, etc. shall be only **stainless steel**.

## **I – Delivery**

Unit fully crated and shipped via motor freight to fire house/cache. (Forklift required)

Please note, if a liftgate or special services are required for delivery, additional LTL charges will be billed separately.

Installation time approximately 1.5hrs using a drill and simple hand tools.

## **OPTIONAL**

A 12VDC Hannay Polished Aluminum hose reel with the capacity to hold 100ft. of ¾” Boostlite hose shall be installed on the passenger side of the skid facing outward and include a C2 , 4-sided roller fairlead. Includes weather proof control box to house reel switch, electronics and 20 ft. of positive/negative battery cable for connection to chassis battery

In lieu of 100-4H: Wick SI250-7SE, 3 Stage High Pressure Pump powered by 7 HP Subaru, 4 Stroke, Air-cooled, 1 gallon Integral Fuel tank, Electric Start/ Recoil Back up  
Max PSI: 215, Max GPM: 90; 2” NPSH Suction, 1 ½” NPSH Discharge

In lieu of 100-4H: Wick SI300-10B, 3 Stage High Pressure Pump powered by 10hp Briggs & Stratton 4 stroke, air cooled, .95 gal integral fuel tank, Electric Start  
Max PSI: 260, Max GPM: 90, 2” NPSH Suction, 1.5” NPSH Discharge

Foam Induction System - A **Scotty 4072 Mini** Through the Pump foam eductor/mixing system shall be supplied and installed. The eductor shall have a variable mix ratio for field adjustment. The system shall be hard plumbed into the suction line before the pump and discharge side after the pump. The system shall draw from the integral 5 gal. foam cell through a master shut off ¼ turn brass ball valve at the foam cell. **All discharges shall be foam capable.** The foam cell shall include 6 in. square fill tower with hinged lid and strap. 1” FNPT drain port, ½” FNPT suction port.

*Proudly built in New Jersey in the U.S.A.!*