

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

**SUPPLIERS OF WILDLAND GEAR**

**DESIGNERS OF CUSTOM SKID UNITS**

**INITIAL ATTACK TRUCKS**

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## **Spartan Skid Unit**

We have designed these standard units with the same workmanship, quality and all stainless steel hardware and plumbing. Just like our custom units but standardized which allows us to drastically reduce the price by reducing our production time while still maintaining our quality.

### **Specifications for a 150, 200, 225 or 300 gallon Truck mounted Fire Suppression Skid Unit**

#### **A – Tank**

150, 200, 225 or 300 Gallon capacity polypropylene water tank/skid unit. The Tank top and walls shall be constructed of ½” thick textured Black, UV resistant, Polypropylene material. The tank floor and pump platform shall be ¾” thick of the same material. It shall be baffled with 3/8” transverse and longitudinal baffles to meet NFPA standards and shall include a full lifetime factory warranty. The tank shall be approximately:

150 gallon - 15” High x 48” Wide x 58.5” Long.  
200 gallon - 20” High x 48” Wide x 58.5” Long.  
225 gallon - 23” High x 48” Wide x 58.5” Long.  
300 gallon - 30” High x 48” Wide x 58.5” Long.

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

150 gallon - 40” High x 48” Wide x 96” Long.  
200 gallon - 45” High x 48” Wide x 96” Long.  
225 gallon - 48” High x 48” Wide x 96” Long.  
300 gallon - 55” High x 48” Wide x 96” Long.

\*Also available 78” long for short beds at no additional charge.

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

- 1) Minimum 8” water fill tower with poly screen and 3” vent/overflow located at the driver-side rear corner
- 2) White poly level sight gauge
- 3) Tank top mounting tracks for Hose Reel
- 4) 1” minimum Diameter Fill Port in FNPT
- 5) 2” minimum Diameter Drain Port in FNPT
- 6) 2” minimum Diameter Suction Port in FNPT.
- 7) The suction port shall be plumbed to the dead center of the tank both front to back and side to side then elbowed down above the tank floor, Where as giving the best drafty capacity for on and off road use.

## **B – Pump**

**Wick SI250-7SE: 3 Stage High Pressure Pump.**

- 1) Engine: **7 HP Subaru, 4 Stroke, Air-cooled.**  
Electric Start/ Recoil Back up  
Low Oil Sensor  
Overspread Protection  
**5 year bumper to bumper warranty**  
1 gallon Integral Fuel tank
- 2) Pump: 3 Stage, High-Pressure driven by a maintenance free speed increaser  
(which allows this horsepower to make this high pressure)  
2” NPSH Suction, 1 ½” NPSH Discharge  
Max PSI: **195**, Max GPM: **90**
- 3) Primer – Hand Primer Provided
- 4) **Oil Drain Valve with hose installed in crankcase.**

## **C – Hose Reel**

One - Hannay 4000 Series **Red Painted Steel** hose reel with a 1 inch diameter male Gooseneck in **N.P.S.H. or N.H.** thread to hold a capacity of **140 Feet of ¾” hose or 100 feet of 1” hose.** **Dual chrome outriggers** (driver side low and passenger side high) shall be supplied, mounted and wired on top of the tank.

## **D – Reel Hose**

**100 Ft. of ¾” or 1” diameter Mercedes Textiles Boostlite lightweight Reel Hose with Permatek abrasion resistant treatment in yellow, shall be supplied and installed. The couplings shall be field repairable couplings for quick repair. A dual range fog nozzle shall be included.**  
**¾” x 100ft Boostlite = 16lbs; 1” x 100ft Boostlite = 21lbs**

## **E – Plumbing**

All valves to be full port ¼ turn **USA made** brass ball valves rated at **600 PSI**. All plumbing to be **100% stainless steel.**

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

- 1) **2” Diameter T**
- 2) A clear PVC short suction hose coupled with expansion rings shall be installed in the suction line to eliminate vibration and allow the operator to view water flow
- 3) **1 – 2” ¼ turn brass ball valved leg into the tank suction port.**
- 4) **1 – 2” leg extended to the rear of the body to draft with, which shall have a cap w/ chain in 2” NPSH.**
- 5) A **2” Female NPSH x 1 ½” Female NH swivel adapter** will be supplied and mounted for direct fill pumping.

The pump shall be plumbed as follows on the **discharge** side:

- 1) 1” valved Tank fill (standard)
- 2) 1” valved Hose Reel (standard)
- 3) 1 ½” valved overboard discharge in NH with cap and chain (standard)
- 4) **Pressure relief valve**
- 5) 300 PSI pressure gauge.

## **F – Control Panel**

A 100% weatherproof control console shall be installed on the end of the pump platform. It shall contain at a minimum a fuse holder, circuit breaker(s), reel solenoid, & weatherproof reel rewind push button switch. All wiring on the skid to be a minimum of 14 gauge encased in loom. All terminals shall be crimped on and then encased in heat shrink tubing.

Skid unit shall include 25ft of # 8 gauge positive and negative battery cable in loom with a 40 amp circuit breaker for connection to vehicle battery.

## **G – Hardware**

All hardware to be **100% stainless steel**.

## **H – Accessory**

Qty 2 spanner wrenches to be included.

## **I – Delivery**

Fully crated and shipped via motor freight to the firehouse/fire cache.

Please note, if a liftgate is required for delivery, additional LTL charges will be billed separately.

## **OPTIONS:**

### **Pump Option**

Wick SI300-10B, 3-stage high pressure pump powered by 10hp Briggs & Stratton  
4 stroke, air cooled, .95 gal fuel tank, electric start  
Max psi: 260, Max gpm: 90, 2" NPSH Suction, 1.5" NPSH Discharge

### **Reel Options**

Hannay red painted steel hose reel, capacity 100ft of ¾" or 1" Boostlite Hose,  
mounted on pump platform, rear facing with C2 4-sided roller assembly

Hannay red painted steel hose reel, capacity 200ft of ¾" or 1" Boostlite Hose,  
mounted on pump platform, rear facing with C2 4-sided roller assembly  
Additional ¾" or 1" x 100ft. Boostlite included

### **Additional Options**

Scotty Through the Pump Foam Education System w/10 Gallon Foam Tank

Poly Hose Tray, tank top mounted w/capacity of 200ft of 1 ½" hose  
Poly Hose Tray, pump platform mounted w/capacity 200ft of 1 ½" hose

Qty 2: 2" dia x 8ft Clear PVC Lightweight Suction hose in NPSH Thread and  
A 2" NPSH Aluminum Foot Valve/Strainer

Scotty 1 ½" Foam Fast System

3-Pack, 1" x 12" PhosChek Class A Foam Sticks

1 ½" Gated Wye