

Specifications Contact:

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Herbicide Spray Units HlePro Solicitation

We need two (2) herbicide spraying unit that consists of: a tank (200 gal), an electric hose reel with a stand, 300 ft of ½” hose, a gas pump, an agitator inside the tank, and a high-pressure spray gun. Entire unit needs to be mounted to a footing or base that can be forklifted onto the bed of a full-sized pickup truck. The unit also needs to have at least four (4) tie down or securing points to fasten it to the vehicle it will be mounted to via straps or other mounting brackets. The hose needs to be of a thickness and durability that can withstand being exposed to rough terrain, specifically lava rocks. The holding tank should be secured to the unit so that it can handle a reasonable amount of off-road terrain without shifting when full. The unit should come complete with wiring to attach to vehicle battery for external power if needed.

1) External dimensions:

- 42” wide
- 98” long
- 48” high

2) Tank

There shall be a 200 gallon elliptical poly tank and have at least a three year unconditional warranty. The holding tank should be secured to the unit so that it can handle a reasonable amount of off-road terrain without shifting when full.

3) Hose reel

The hose reel shall be electric rewind reel with a stand and hose roller guides. The reel shall come equipped with 300 ft of ½” 600 psi PVC hose that can withstand being exposed to rough terrain, specifically lava rocks.

4) Pump/Engine

The spray unit shall be a diaphragm style pump powered by a Honda GX160 gas engine. Roller style pumps are not acceptable.

5) Agitator

The agitator shall be a dual agitation system inside the tank. The pump unit shall be an AR D403 pump that is capable of 10.7 GPM and a maximum pressure of 580 psi.

6) Spray nozzle

There shall be an 800 psi, 13" Teejet handgun with a trigger lock for continuous spraying and a drip-free shut-off. The spray nozzle shall be capable of 50' of horizontal reach and 38' of vertical reach. It shall be constructed of chemical resistant aluminum and designed for heavy duty use.

7) Frame/Deck

Entire unit shall be installed on a skid frame constructed of 10 gauge A36 H.R. steel and a base plate fabricated from 7 gauge A36 steel. The base frame shall be capable of being loaded and unloaded into a full size pick-up bed using a forklift. The frame shall have a five year unconditional warranty.

8) Tie downs

The skid have at least four (4) tie down or securing points to fasten it to the vehicle it will be mounted to via straps or other mounting brackets.

9) Wiring

The unit shall come complete with wiring to attach to vehicle battery for external power if needed.