

# RANCHER®

## SERIES



## RANCHER-65

### LIGHTWEIGHT SLIP-ON UNIT

The **RANCHER-65** is designed for use on ATVs and other small utility vehicles. Compact and lightweight, this unit can rapidly access remote areas beyond the reach of standard skid units. A **RANCHER** can be used for a variety of water handling applications such as park and spot fire patrol, prescribed burns, mop-up operations, and general farm and rural community work. It is easy to operate and maintain and can slide on and off a vehicle as needed. The **WATERAX** pump ensures quality, reliability, and durability while the lightweight non-corrosive piping makes for an enduring robust plumbing system. The entire assembly is firmly mounted on a matte copolymer polypropylene base with rails and cut-outs for easy lifting.

The **WATERAX RANCHER-65** unit offers a 65 US gal (246 L) tank configuration. Choice of NH and NPSH threads for the 1.5" (38 mm) discharge and overboard suction with corresponding caps. Units can also come equipped with a Scotty foam eductor/mixer. Optional canvas covers available for unit protection during transport and storage.

**Emissions compliant; engine is CARB and EPA certified.**

### Applications

- Attack line firefighting
- Park and spot fire patrol
- Prescribed burns
- Mop-up operations

### Options

- Suction 1-1/2" (38 mm) NH or NPSH
- Discharge 1-1/2" (38 mm) NH or NPSH
- Scotty foam educator/mixer
- UV resistant vinyl covers (RNCH65-COVER)
- Hand pump for draining of engine oil (ITT-33799-0000)

### Models

- **RNCH65N** Discharge thread (NH threads)
- **RNCH65NF** Discharge thread (NH threads), includes foam educator/mixer
- **RNCH65S** Discharge thread (NPSH threads)
- **RNCH65SF** Discharge thread (NPSH threads), includes foam educator/mixer

## FEATURES & BENEFITS

### TANK 65 US gal (246 L)

- Lightweight polyethylene
- Secured with galvanized steel tank bands
- Robust cap with retention clip
- Tank side water level indicator

### FOAM SYSTEM

- Optional foam educator/mixer

### MANUAL REEL

- Ultra-durable aluminum alloy
- Standard booster hose 3/4" x 50' (19 mm x 15.2 m)
- 6-14 US gal/min (23-53 L/min) CORDOVA nozzle

### LOW MOUNT BASE

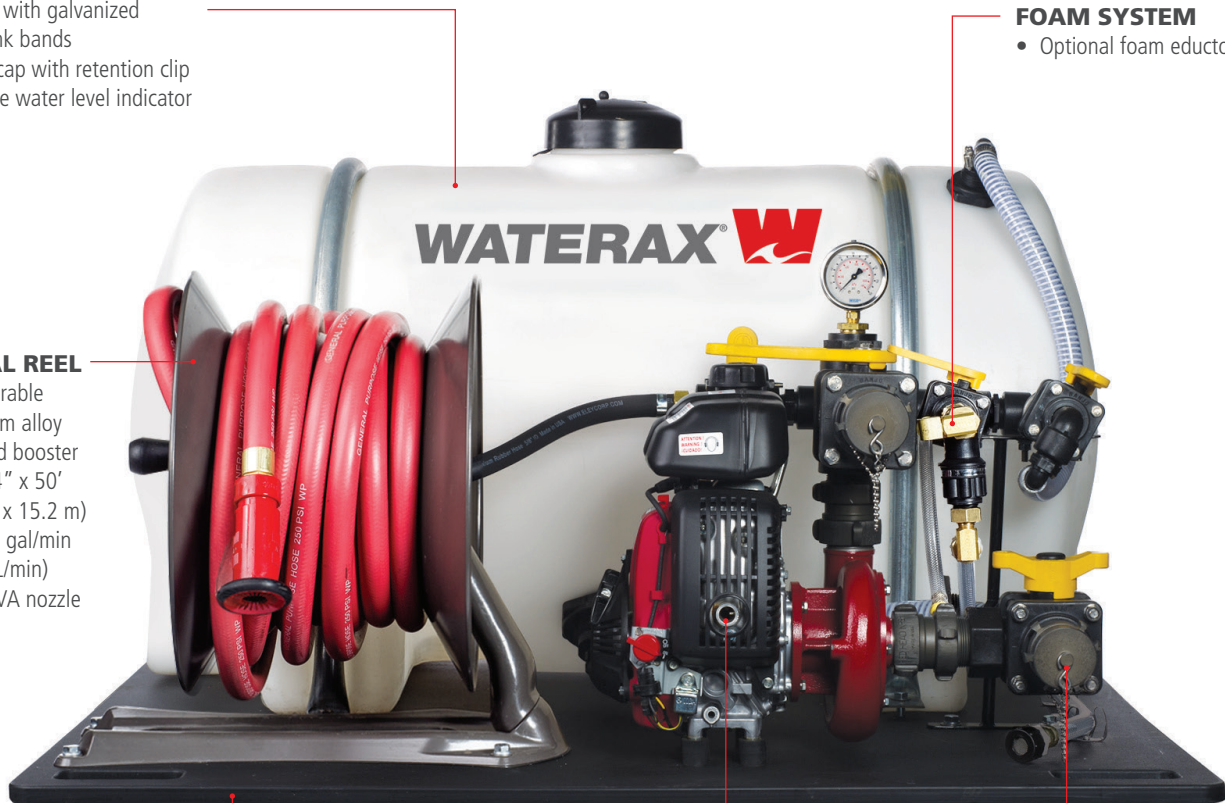
- Robust copolymer polypropylene
- Rails
- Four cut-outs for easy lifting

### WATERAX PUMP

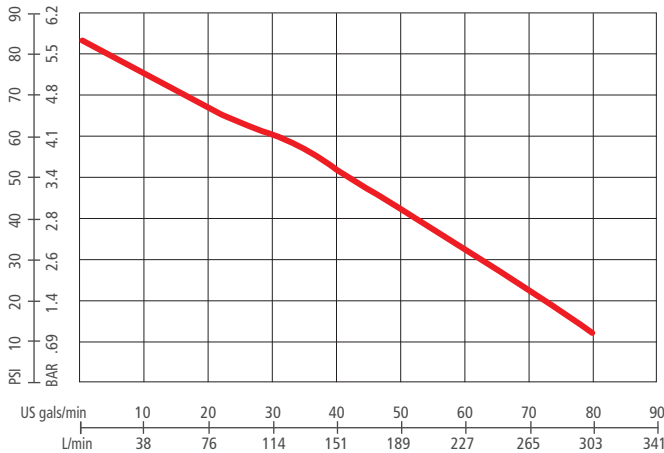
- Close coupled single stage premium centrifugal pump end
- Anodized pump parts for corrosion resistance
- Governor system for overspeed protection
- Easy to use Honda 4-stroke engine
- US Forest Service approved spark arrestor

### PLUMBING

- Non-corrosive polypropylene piping
- 1.5" (38 mm) discharge valve w/cap and chain
- 1.5" (38 mm) overboard suction port w/cap and chain
- Pump to tank recirculation line (bypass)
- Pressure gauge



## SPECIFICATIONS



### Performance: MINI-STRIKER flow rate at specified pressure

Maximum Pressure: 85 PSI (5.9 bar)  
 Free flow: 80 US gals/min (303 L/min)  
 Maximum Head: 196' (60 m)

| Flow Rate |       |   | Pressure |       |
|-----------|-------|---|----------|-------|
| US GPM    | (LPM) | @ | PSI      | (BAR) |
| 68        | (257) | @ | 25       | (1.7) |
| 42        | (159) | @ | 50       | (3.4) |
| 12        | (45)  | @ | 75       | (5.2) |

### Engine Specifications

|                         |   |
|-------------------------|---|
| <b>Engine</b>           | Honda® GXH50<br>4-cycle, air-cooled, single cylinder, OHV |
| <b>Maximum power</b>    | 2.5 hp (1.9 kW)   |
| <b>Displacement</b>     | 49.4 cc (3.01 cu in)                                      |
| <b>Starting system</b>  | Recoil starter  |
| <b>Ignition</b>         | Transistorized magneto                                    |
| <b>Governor</b>         | Mechanical  |
| <b>Lubrication</b>      | Oil, splash   |
| <b>Fuel type</b>        | Gasoline (unleaded, 86 minimum octane, 10% max. ethanol)  |
| <b>Fuel consumption</b> | 0.17 US gals/hr (0.65 L/hr)                               |

Emissions compliant; engine is CARB and EPA certified.

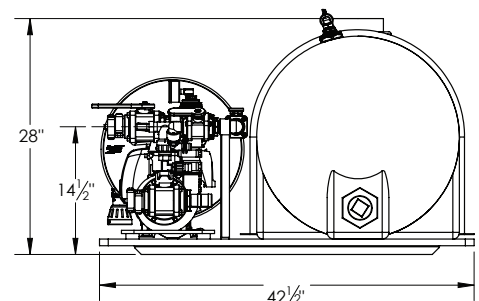
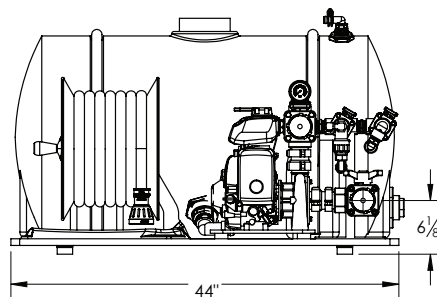
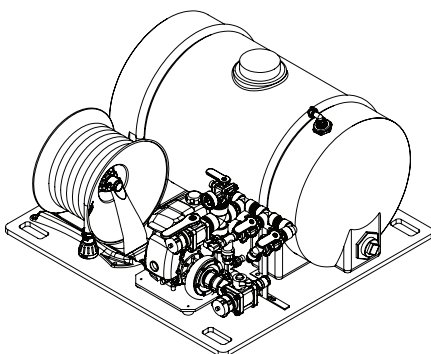
### Pump End Specifications

- Close coupled single stage premium centrifugal pump end
- Lightweight aluminum alloy pump components
- Anodized pump parts for corrosion resistance
- Foam compatible
- Stainless steel pump shaft
- Mechanical rotary seal

### Technical Drawings

Length 42-1/2" (108 cm)  
 Dry Weight 159 lbs (72 kg)

Width 44" (112 cm)      Height 28" (71 cm)  
 Wet Weight 702 lbs (318 kg)





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