

RANCHER®

SERIES



RANCHER-125

LIGHTWEIGHT SLIP-ON UNIT

The **RANCHER-125** 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-125** unit offers a 125 US gal (473 L) tank configuration. Choice of NH and NSPH 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 eductor/mixer
- UV resistant vinyl covers (RNCH125-COVER)
- Hand pump for draining of engine oil (ITT-33799-0000)

Models

- **RNCH125N** Discharge thread (NH threads)
- **RNCH125NF** Discharge thread (NH threads), includes foam eductor/mixer
- **RNCH125S** Discharge thread (NPSH threads)
- **RNCH125SF** Discharge thread (NPSH threads), includes foam eductor/mixer

FEATURES & BENEFITS

TANK 125 US gal (473 L)

- Lightweight polyethylene
- Secured with galvanized steel tank bands
- Robust cap with retention clip
- Tank side water level indicator
- Includes Surge Buster® surge control system

FOAM SYSTEM

- Optional foam eductor/mixer

MANUAL REEL

- Hannay Reel
- Standard booster hose 3/4" x 50' (19 mm x 15.2 m)
- 50-100 US gal/min (189-378 L/min) Scotty nozzle

LOW MOUNT BASE

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

WATERAX PUMP

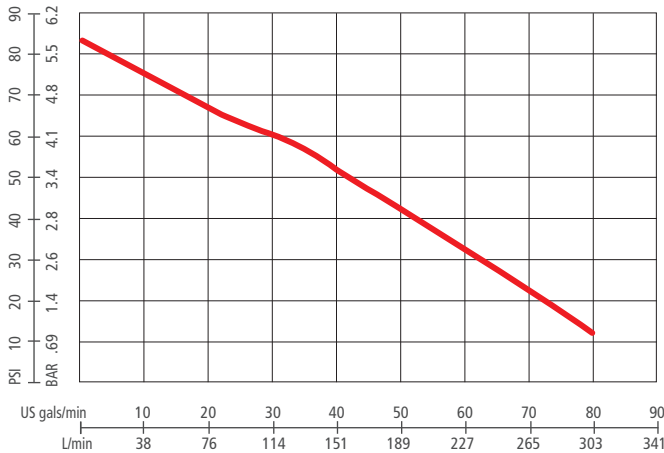
- Close coupled single stage premium centrifugal pump end
- Anodized pump parts for corrosion resistance
- Governor system for overspeed protection
- Easy to use Honda 4-stroke engine
- US Forest Service approved spark arrestor

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

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

Emissions compliant; engine is CARB and EPA certified.

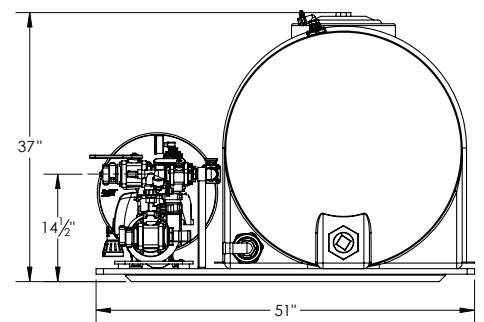
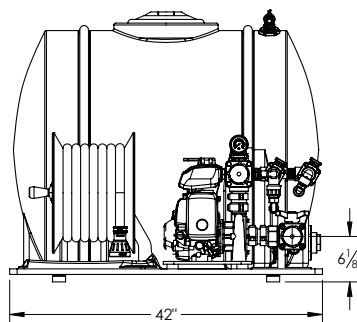
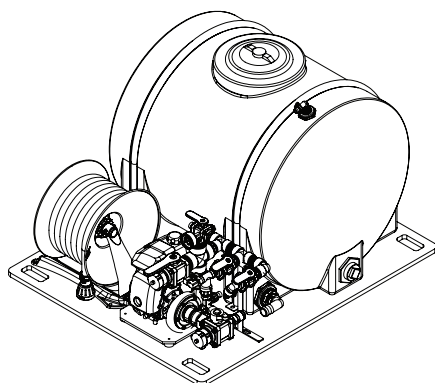
Pump End Specifications

- 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 51" (130 cm)
 Dry Weight 202 lbs (92 kg)

Width 42" (107 cm) Height 37" (94 cm)
 Wet Weight 1245 lbs (564 kg)





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