



FOAM SYSTEMS

CAFSystems™

FIRE PUMPS

PORTABLE AND MOTOR PUMP

# FLOTO-PUMP™

The Waterous Floto-Pump™ was developed to meet the rugged demands of the United States Forest Service. Now, it is also used for marine service, dewatering, pool maintenance, environmental clean-up and irrigation. Floto-Pumps are available in two models, Standard and Forestry. Both are powered by a U.S. Motor Power “Power Bee” engine.

## PERFORMANCE

### FLOTO PUMP STANDARD

- Maximum Flow: 140 GPM @ 30 PSI  
(530 l/min @ 2 bar)
- Maximum Pressure: 10 GPM @ 105 PSI  
(40 l/min @ 7 bar)

### FLOTO PUMP HIGH PRESSURE (FORESTRY)

- Maximum Flow: 60 GPM @ 35 PSI  
(230 l/min @ 3 bar)
- Maximum Pressure: 10 GPM @ 170 PSI  
(230 l/min @ 12 bar)



# SPECIFICATIONS – FLOTO-PUMP®

Flows up to 140 GPM (530 l/min) and Pressures to 170 PSI (12 bar)



Waterous Floto-Pumps® are available in two models, Standard and High Pressure (Forest Service). Weighing only 42 lbs. (19.1 kg), the pump is easily carried by ONE person. The Floto-Pump also comes with a One-Year Limited warranty and is CE marked\*.

Floto-Pump® Performance							
Model	Max Flow (GPM)	Max Flow (L/min)	Max Flow (L/sec)	Max Pressure (PSI)	Max Pressure (bar)	Max Pressure (kPa)	Max Pressure (MPa)
Standard	140	530	8.75	105	7	700	0.7
High Pressure	60	230	3.75	170*	12*	1200*	1.2*

\*High Pressure Floto-Pump throws a stream of water over 85 feet (26 m) at 170 PSI (12 bar, 1200 kPa, 1.2 MPa)

## Pump Features:

The Waterous Floto-Pump® was originally developed to meet the rugged demands of the United States Forest Service (USDA Forest Service Qualified Spec. S100-00275) and is now also used for marine service, dewatering, pool maintenance, environmental clean-up and irrigation.

The Floto-Pump is backed by a Waterous One-Year Limited Warranty. For details on Waterous Condition of Sales, refer to F-2190, *Conditions of Sales* located on the Waterous web site at [www.waterousco.com](http://www.waterousco.com) or by contacting Waterous.

## Pump Specifications

### Casing:

Anodized Aluminum

### Impeller:

Bronze impeller (aluminum impeller with Ni-resist wear rings on HP model)

### Shaft Seal:

Face-type mechanical seal is standard. No adjustment required.

### Discharge:

1-1/2 in. NH, 1-1/2 in. NPSH or BSP thread available

### Other Standard Equipment:

- Built-in intake screen
- Water-resistant air cleaner and muffler

## Engine Specifications

### U.S. Motor Power "Power Bee"

- 8 horsepower, 8.20 cu. in. (134cc) displacement, air-cooled
- L series model 82029, one cylinder, two-cycle
- Recoil starter with "D" handle
- Pressure carburetor with integral fuel pump
- Solid-state ignition
- Hard chrome-plated cylinder bore
- Ball bearing-supported crankshaft
- Roller bearing-equipped connecting rod
- Uses unleaded gasoline and oil mixed
- Automatic float controlled throttle

## Miscellaneous:

### Fuel Tank:

5 quart (4.7 liter) capacity (1 to 1-1/2 hr running time)

### Float Assembly:

High-density polyethylene shell filled with polyurethane foam (closed cell)

## Accessories:

- 1-1/2 in. Forestry fire hose
- Nozzle
- Spanner wrench

## Dimensions and Weight

Length (in/mm)	Width (in/mm)	Height (in/mm)	Weight (lb/kg)	
28 (711)	16 (406)	20 (508)	Dry	42 (19.1)
			Shipping	51 (23.2)

## Performance Curve

