



## GAMAJET POWERFLEX TECH SPECS

### Operating Range:

**Pressure:** 30 to 200+ PSI (2.06+ bar)

**Temperature:** 0° to 200°F (0° to 93°C)

**Flow Rate:** 20 to 70 GPM (75.7 to 264 l/min)

**Cleaning Radius:** 30' (9.144 Meters)

**Wash Cycle Time:** 8-20 Minutes

**Impact:** 25 lbs (11.5 k) at 25' (7.5 m)

### Overall Dimensions:

**Height:** 10.75" (273.05 mm) Custom lengths available

**Body Diameter:** 3.87" (98.298 mm)

**Weight:** 10 lb (4.53 kg)

### Clearance:

6.875" (174.625 mm) (for Portable)

3.87" (98.298 mm) (for Permanent) & Low Profile

### Benefits:

Sanitary design

Operates at lower pressures

Powerful: 25 lbs (11.5 kg) of cleaning force at 25' (7.5 m)

Available in flow-through or grease-lubricated design

### Other Specifications:

**Inlet Connection:** 1.5" Tri-Clover, 1.5" slipfit (R-clip), 1.5" NPT-Female, 2" Camlock Plug

**Construction/Design:** Parts are machined from 316-L Stainless Steel investment castings or bar stock.

**Impeller & Final Shaft:** For increased wear resistance, the input shaft is plasma-sprayed with a Chromium Oxide coating on Stainless Steel.

**Shaft & Gearbox Bushings:** Turbine shaft thrust is absorbed by a Tungsten carbide bushing. Gear bushings are food grade polyphenylene sulfide.

**Elastomers:** O-Ring materials are selected for each application. EPDM is standard, with Viton and Kalrez available. Other materials can be supplied on special order.

**Nozzles:** Nozzle sizes from 1/4" (6.35 mm), 5/16" (7.94 mm) to 3/8" (9.53 mm)

**Drive Mechanism:** The wash fluid enters the Gamajet at the inlet collar where it encounters and spins turbine blades. The turbine blades are attached to the top of the drive or rotor shaft. The bottom of this shaft is connected to the inside of a flo-thru, robust planetary gearhead which then turns the body in the horizontal plane and the nozzles in the vertical plane.

**Planetary Gearhead:** The flo-thru planetary gearhead uses the wash fluid as a lubricant. All internal gearhead parts are stainless steel.

**Operating & Maintenance:** Complete operating and maintenance procedures are covered in a detailed instruction manual furnished with all machines. Ready availability of spare parts or kits, and ease of on-site maintenance minimizes the need for repairs. Prompt factory overhaul or repair service is always available. Replacement parts are stocked year round. Special 24-48 hour delivery available upon request at no extra charge.

**Warranty:** Gamajets are warranted for eighteen months from the date of shipment against any defects in workmanship or materials. Normal maintenance parts such as O-rings, bearings, bushings are not included under this warranty, nor is damage caused by dropping, use of destructively corrosive fluids, or other abuse. This warranty shall not apply to any malfunction resulting from use of non-Gamajet replacement parts purchased from any source other than Gamajet or an authorized Gamajet distributor. For full details, see Gamajet "Terms and Conditions of Sale".



**CSI**

417.831.1411  
csidesigns.com