

## GAMAJET PowerFLEX

### The most powerful and durable, low pressure rotary impingement tank cleaning machine.

Weighing in at 10 lbs, the Gamajet PowerFLEX is one-third the size of traditional rotary tank cleaners, but equally as powerful and versatile. The key to the PowerFLEX's durability and power, is the **over-sized sealed gearhead** that turns and optimizes the machine. By utilizing a larger gearhead, the machine is capable of much lower pressures and higher flows than other tank cleaning machines. The Gamajet PowerFLEX uses the same cleaning pattern as other Gamajet machines, scouring **100% of the tank**, every time, but runs **20-30% longer** in between preventative maintenance intervals. The Gamajet PowerFLEX is capable of cleaning heavily soiled tanks up to 20' in diameter, and lightly soiled tanks up to 50' in diameter. Sanitary in design, the PowerFLEX is **completely self-draining and flushing**, and consists entirely of **FDA Compliant materials**.



- **Powerful Cleaning in a Compact Size**
- **Large Operating Range - High and Low Pressures**
- **Durable in Design - Oversized Gearhead with NO Secondary Gear Reduction**
- **Weights only 10 lbs**
- **Fluid-driven, No External Motors**
- **All Materials are FDA Compliant**
- **Validatable Pattern**
- **Self-Draining**
- **Made in the USA**

#### Operating Range:

Pressure: 30-500 PSI (2.06-34.47 Bar)

Temperature: 0 to 200 F (0° to 93 C)

Can be sanitized with steam at temperatures up to 300 F (148.9 C)

Flow Rate: 20 to 300 gpm (75.7 to 1136 lpm)

Wash Cycle Time: 8-20 Minutes

Cleaning Impact Range: Up to 25' Radius (7.62 m)

#### Dimensions:

Height: 10.75" (27.37cm)

Body Diameter (With Nozzle Carrier): 3.87" (9.83 cm)

Clearance: 6" (15.24 cm)

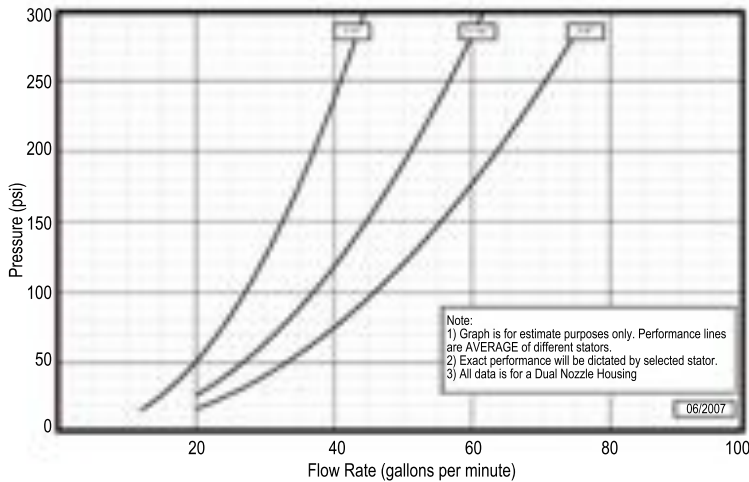
Weight: 10bs (4.53kg)



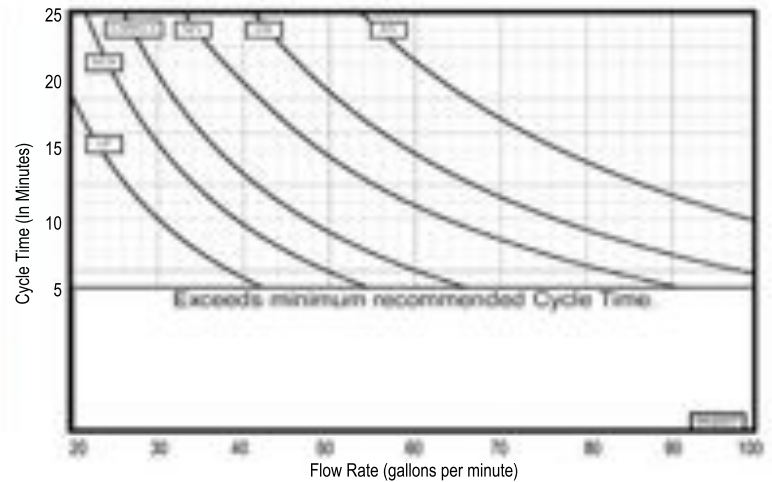
If you have a tank to clean... we have a way to do it!  
Learn more at [Gamajet.com](http://Gamajet.com) or call 1-877-GAMAJET

# GAMAJET PowerFlex

**Gamajet-PowerFlex  
Pressure vs. Flow Rate**



**Gamajet-PowerFlex  
Flow Rate vs. Cycle Time**



- Inlet Connection:** Inlet Connection: 1.5" NPT-Female with 2" Camlock, 1.5" Sanitary Tri-Clover
- Construction:** Parts are machined from 316-L Stainless Steel investment castings or bar stock. For increased wear resistance, the input shaft is plasma-sprayed with a Chromium Oxide coating on Stainless Steel.
- O-Rings:** O-Ring materials are selected for each application. EPDM is standard with Kalrez and Viton available. Other materials can be supplied on special order.
- Bearings:** Rotary shaft and housing seals/bearings are spring-loaded, double-lipped and made of PTFE. They are reinforced for extra long wear and protection against leakage, abrasion and deposit build-up.
- Nozzle Carrier:** Standard nozzle sizes 1/4" (6.35 mm), 9/32" (7.14 mm), 5/16" (7.94 mm), and 3/8" (9.53 mm). Other nozzle sizes available upon request.
- 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 sealed, robust planetary gearhead which then turns the body in the horizontal plane and the nozzles in the vertical plane.
- Planetary Gearhead:** The sealed planetary gearhead has an external casing made of steel, surface-anodized to become stainless. This sealed gearhead is located inside the gearbox, which itself is sealed, and thus does not require any lubricant. All internal gearhead parts are hardened sintered steel.
- Lubricant:** Food grade grease is inside the sealed gearhead casing.
- 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, and seals 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".



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