

Tanks between 5,000 and 25,000 gallons finally have their own tank-cleaning machine.

The Gamajet PowerFLEX was specifically engineered to offer the most **efficient and effective cleaning** available for vessels with capacities of 5,000 to 25,000 gallons. In the past, small, high pressure tank cleaning machines or large, bulky low pressure machines were the only options for such tanks. The durable Gamajet PowerFLEX **fills the gap**, offering **optimal cleaning at a variety of pressures and flows**.

The key to the PowerFLEX's **versatility and durability** is the use of an oversized gear head that efficiently generates the proper torque to rotate the unit. The larger components **last 20-30% longer** than traditional drive mechanisms, making the PowerFLEX our most durable design to date. The large gear reduction allows the PowerFLEX to **operate at lower pressures and higher flows** when compared to other tank cleaning machines. Like other Gamajet machines, the PowerFLEX uses the **same proven Gamajet impingement cleaning pattern**, scouring 100% of the tank, every time. The PowerFLEX is designed to be **self flushing and self draining**. All components are made from **FDA compliant materials**, making this robust machine ideal for a variety of portable and permanent applications.



At 10ft with 50 psi and 30 gpm the PowerFLEX generates 7 lbs of Impingement Force. (The average sprayball produces .2lbs)

- **Powerful and Validatable Cleaning in a Compact Size:** *Weights only 10lbs*
- **All Materials are FDA Compliant**
- **Durable in Design - Oversized Gearhead with No Secondary Gear Reduction**
- **Fluid-driven, No External Motors**
- **Versatile Operating Range:** *High and Low Pressures and Flows*
- **Self-Draining and Flushing**
- **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 120+ gpm (75.7 to 454.25 lpm)

Wash Cycle Time: 8-20 Minutes

Cleaning Impact Range: Up to 30' (9.144 m)

Dimensions:

Height: 10.75" (27.37cm)

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

Clearance: 6.875" (17.46 cm)

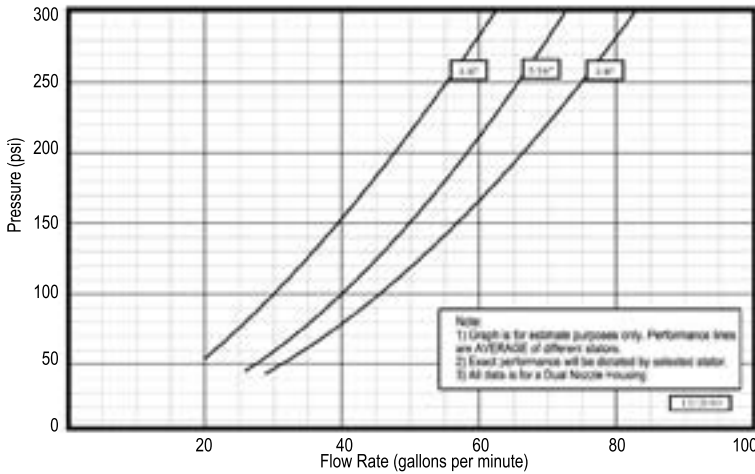
Weight: 10 lbs (4.53kg)



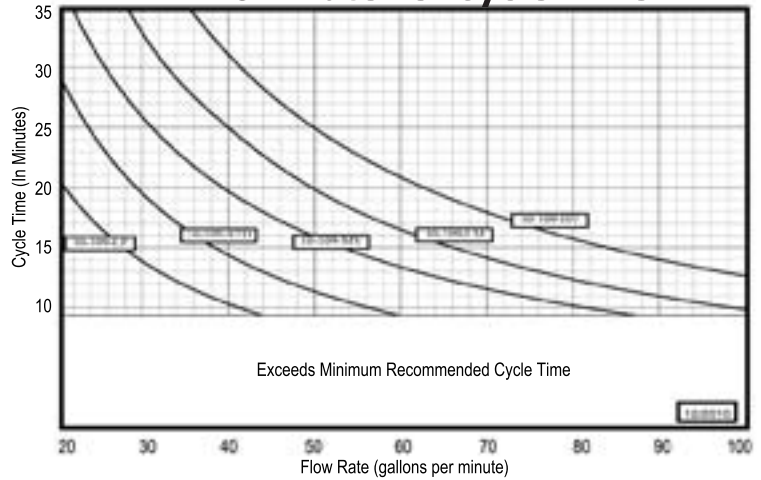
If you have a tank to clean... we have a way to do it!
Learn more at Gamajet.com or call 1-877-GAMAJET

GAMAJET PowerFLEX

Pressure vs. Flow Rate



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.

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

Lubricant: Food grade grease (.05 oz) is inside the double sealed gearhead casing.

Nozzle Carrier: Standard nozzle sizes 1/4" (6.35 mm), 5/16" (7.94 mm), and 3/8" (9.53 mm).

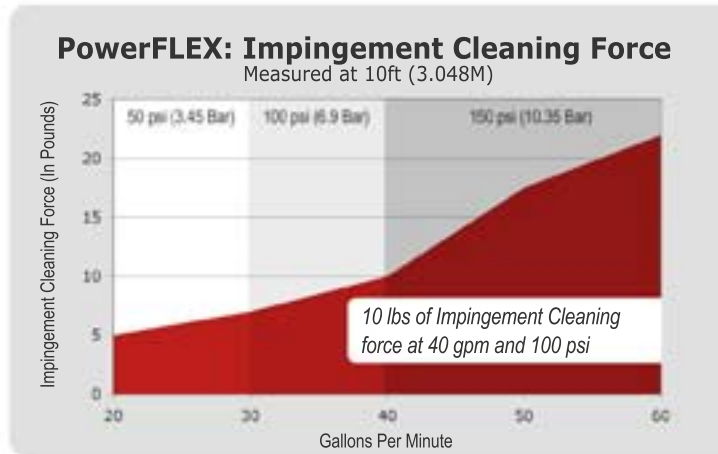
Drive Mechanism: The wash fluid enters the Gamajet at the inlet collar where it encounters and spins turbine blades. The turbine blades are attached to the top of the drive or rotor shaft. The bottom of this shaft is connected to the inside of a sealed, robust planetary gearhead which then turns the 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.

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.

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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