General Duty
Chemical Mixers

Building and distributing dependable, quality products for a technologically expanding industry

PO Box 8697, Brea CA 92821
Phone 714) 257-9165 Fax 714)257-9215
www.gtpcompany.com
Consistent chemical dispersal is crucial to any chemical treatment program. Bulk chemical delivery programs and neglected chemical work stations will help stratify your chemical drum in turn offering uneven results. **General Treatment Products**

Industrial Chemical Mixers are designed to blend one or more different chemicals to make a quality consistent mixture.

“GTP” quality line of mixers are excellent for use with chemical feed stations up to 1000 gallons, making them an essential accessory for many applications.

Standard features like, 1/15HP to 2HP, 4 mount configurations, 3 mixing impellers, 316SS shaft and 115VAC factory pre-wired, and with options from 316SS coupling, Epoxy and Teflon coated shafts, motor starters and control panels, the perfect “GTP” mixer is waiting for you.

The level of mixing is determined by the pumping effect or dynamic response that the mixer imparts into the fluid. When a mixing impeller rotates in the fluid, it generates a combination of flow and shear.

To calculate impeller flow, use the following equation:

\[
\text{Flow (GPM)} = \frac{(\text{Imp #} \times \text{RPM} \times \text{IMP Dia}^3)}{231}
\]

Imp # = “E” = 0.3, “P” = 0.5, “N” = 0.09

(Flow GPM is not turn over. Tank geometry plays in the outcome, consult factory)

To calculate power draw, use the following equation:

\[
\text{Power (HP)} = \frac{(\text{Power #} \times \text{RPM}^2 \times \text{Imp Dia}^4 \times \text{SG} \times \text{CPS})}{(1.525 \times 10^{-3})}
\]

Power #: “E” = 0.5, “P” = 0.8, “N” = 10

Please contact the factory for more information, calculations and application expertise.

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