

Portable Agitators

Chemplant Portable Agitators are used for smaller applications where the flexibility of a clamp-on application is required.

Our standard Portable Agitator is equipped with our high-efficiency RTF4 Hydrofoil.

The RTF4 hydrofoil impeller was developed to reduce power consumption by maximizing flow and minimizing turbulence or shear. The RTF4 hydrofoil transfers the available energy into pure axial flow without turbulence at the impeller.



Portable Agitator Options

The PA series is directly driven from a 4- pole motor, 0.55 kW giving an output speed of around 1380 rpm.

The PB series is directly driven from a 6- pole motor, 0.37 kW giving an output speed of around 918 rpm

The PG series is for larger duties and incorporates a helical gearbox. It is available with motor sizes from 0.18 to 1.5 kW and a range of output speeds.

The PA, PB and PG series offer process flexibility for smaller applications in a rugged construction. They include the following features as standard:

Extended housing below the drive mechanism manufactured from cast aluminium with a bearing to prevent bending moments being transferred back to the gearbox or motor.

The housing also includes a shaft seal to prevent ingress of particles into the housing.

An integral clamp which allows the agitator to be installed quickly and easily into the process vessel.

The swivel mount ensures that the shaft angle can be optimised for the process conditions.

Chemical Plant and Engineering Pty Ltd was formed in 1953 and is an Australian-owned company. Chemical Plant and Engineering designs and manufactures process equipment for the chemical, mineral processing, food, water and wastewater treatment industries.

Other types of mixing equipment manufactured by our company include Top Entry Agitators, Side-Entry Agitators and In-Line Static Mixers, and each mixer is designed to meet your requirements.

Pilot plant equipment is available for the determination of physical properties of mix components, degree of agitation and scale-up analysis.

CHEMICAL PLANT AND ENGINEERING PTY. LTD

Australia

63-65 Maffra St., Coolaroo, Victoria 3048

P.O. Box 160, Dallas, Victoria 3047, Australia

Telephone : +61 3 9309 4822 Facsimile : +61 3 9309 0069

E-mail : cpe@cem-int.com.au

