



CHEMPLANT HIGH EFFICIENCY POWDER MIXERS

Fast, Accurate, Repeatable, Homogeneous Blends



Chemical Plant & Engineering has designed, manufactured and supplied quality process and mixing equipment for the materials handling industry for over 50 years. CPE has an experienced team of engineers and can provide your company with efficient processing solutions resulting in reduced power consumption, lower operating costs and increased production.

APPLICATIONS INCLUDE

- | | |
|---|-----------------------|
| • DAIRY | • MINING |
| • FOOD | • FERTILIZER |
| • ANIMAL FEED | • DRY CEMENT BLENDING |
| • CEREAL | • DETERGENT |
| • MILK POWDERS | • METALLURGICAL |
| • INFANT FORMULA | • PLASTIC |
| • MINOR AND MACRO ADDITION OF VITAMINS AND MINERALS | • CONSTRUCTION |



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Chemical Plant & Engineering has designed, manufactured and supplied quality process and mixing equipment for the Materials Handling Industry for over 50 years.

The unique design of CPE's Chemplant Mixers offers repeatable mixing performance and short mix times that create a homogeneous blend, regardless of particle size or density.

Chemplant Mixers can solve the problems of segregation during mixing, heat generation during mixing cycles, addition and dispersion of minor ingredients and liquids.

Mixing Equipment Features

PM additions
Liquid additions
Coating
Gentle action
Quick discharge

Chemplant High Efficiency Powder Mixers are available in **20 litre to 10,000 litre capacities**.

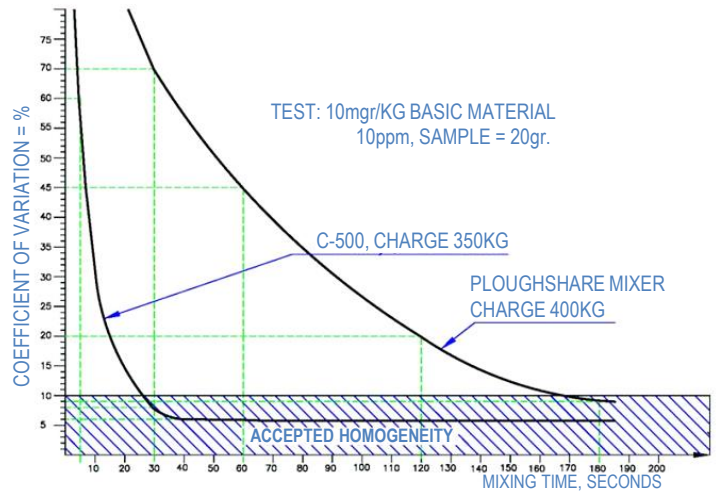
Our range of mixers have little to no shear resulting in gentle mixing without heat and reduced wear rates of mixing components.

Shear can be added for those products which rely on the attrition of agglomerates.

The added advantage of adding shear is that one mixer may be suitable for two entirely different applications simply by engaging or disengaging the shear making device.

Model	Drive (Kw)	Litres
C20	0.75	20
C60	2.2	60
C120	3	120
C200	3	200
C350	4	350
C500	5.5	500
C750	11	750
C1000	15	1000

Model	Drive (Kw)	Litres
C1500	22	1500
C2000	30	2000
C2500	30	2500
C3600	37	3600
C5000	45	5000
C6000	55	6000
C8000	75	8000
<i>Custom Sizes Available</i>		



Typical analysis using micro additions compared against Ploughshare Mixer.

Design Options

Liquid addition, inspection doors, product shear and various drive configurations are a number of the design options available.

Test Units

Stainless steel test units in 60Lt and 85Lt capacities are available to ensure your complete mixing applications are met.

Construction

Dairy Grade
Food Grade
Construction Grade

Our mixers can be manufactured from mild steel or stainless steel at any of our three manufacturing locations, in Australia, China and New Zealand and can be customised to meet your specific requirements.



CHEMICAL PLANT & ENGINEERING

A division of CEM International Pty Ltd
A.C.N. 004 933 135 ABN 24 004 933 135
63 - 65 MAFFRA STREET, COOLAROO VICTORIA 3048

Tel: +61 3 9309 4822 Fax: +61 3 9309 0069
Web: www.cem-int.com.au



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