

ATMOSPHERIC MIXER



The Radan Machine **atmospheric mixer** is designed for blending and homogenizing detergents and products with low to medium viscosity under ambient pressure. With powerful agitator blades, it prevents sedimentation, requires minimal maintenance, and is easy to clean. Available in various capacities, from lab-scale to industrial models, it is one of the most widely used mixers in the detergent industry.



Other specifications:

Capacity range from 100 to 50,000 liters
Available in single-jacket, double-jacket, or triple-jacket construction
Inner surface made of stainless steel 304 or 316, double-polished depending on product type
Optional heating/cooling jacket, designed to withstand up to 4 bar pressure on the vessel wall and bottom
Jacket suitable for circulation of steam, hot water or chilled water under pressure
Equipped with agitators of various speeds and power ratings, with impeller designs tailored to product requirements
Corrosion-resistant against chemical materials
Processing vessels equipped with manholes in various diameters and CIP spray balls
All internal welds fully polished to prevent contamination, with external welds finished for enhanced appearance



Options:

Mirror-finish mechanical polishing on both internal and external surfaces of the tank
Outlet flange connection
pH meter port/connection

Load cell system for precise weight measurement
Sampling valve
Digital temperature control system
Butterfly valve



In industries:

Food Industry: Mixing raw materials for dairy products, fruit juice, soft drinks, confectionery and chocolate

Detergent & Personal Care Industry: Production of detergents, shampoos and oxidizing agents

Plastics & Resins Industry: Preparation of resin blends and additives prior to molding processes

Pharmaceutical Industry: Formulation of syrups, serums and disinfectants



PLEASE SCAN



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