



BT-200 Batch Mixing HOMOGENIZER "Dyna-Stream"

Shaping the homogenizing future....

BT200 Batch Homogenizer - is high-performance dispersing machine for the production of emulsions and suspensions in **batch operations**. Using the rotor-stator principle, it is best suited for applications that cannot be accomplished using conventional stirring methods. The machine is capable of processing highly abrasive products and media with a viscosity of up to 80,000 mPas. The stator is connected to the motor with a mounting flange and extension rods as the **propeller mounted on the rotating shaft generate circulating flowing force** for products. Because the rotating shaft seal is located directly on the motor flange, **seal contact with the actual product is prevented**. The machine design meets specifications for dispersion production in the **pharmaceutical industry** or for processing of **abrasive products** in other industries



Fix Wall Mount with Electrical Rope

Fix H-Post Mount with height adjustable

Features & Specification

Working Volume (ml)	25 - 5,000 l	Operating Environment	0-175°C, 95% rel. humidity
Motor Power(kW)	0.37 -37 - 3 phase Normal or Ex-Proof	Protection class	IP55
Voltage/ Frequency	380-450V / 50-60Hz	Certified standards	89/336EEC,72/023/EEC, IEC/EN 61000-6-2 / 3, IEC/EN 61010-2-51 EMC acc. Safety acc.
Working Temperature and Pressure Range	Up to 160° C 15 bar	Seal type	Teflon Bush Seal (Open System), Lip Seal (150° C) or Double Acting Mechanical Seal (160° C and 15 bar)
Speed range (rpm)	1,000 - 3,000	Warranty	2 years - spare part due to manufacturing defects
Speed control type	220V/50-60Hz frequency inverter control : 0-6000 rpm	Sterilization Method:	All
Lifting system (optional)	Motorized S/S 304 or Mild Steel epoxy coated	pH Range:	2-13
Standard Shaft Length (mm)	300 - 1650	Suitable for solvents & abrasive substances::	YES
Weight (kg)	15-700	Ultimate Fineness, Suspensions&E mulsion: (µm) Max Viscosity (mPa)	Suspension: 10-15 Emulsion : 1-10 80,000

Dyna-Stream Batch Homogenizer



Electrical Rope Hoist Lifting with mobile trolley

Manual Lifting with safety-pin adjusting mobile trolley

Serving Industry : Dressings and Sauce, Flavors, Fruit Juices, Concentrates, Pulp, and Soft Drinks, Seeds and Mustards, Ice Cream, Cheese Spreads, Sugar, Hydrocolloids, Milk Solids, Salts, Edible Oils, Fumed Silica, Inks and Lacquers, Carbon Black, Titanium Dioxide, Clays, Pesticides and Herbicides, Detergents, Resins, Pigments and Dyes, Catalytic Agents, Waxes and Polishes, Sulfur, Pharmaceutical & Biological Crystalline Solids, Tablet Coatings, Protein Extraction, Personal Care & Toiletry, Toothpaste, Carbopol, Creams, Ointments, and Lotions

Why purchase our homogenizer ?

*Excellent Result For Ultimate Fitness

- ✓ Elimination of "Fish Eyes" & "bubbles" within minutes



Before our batch mixer

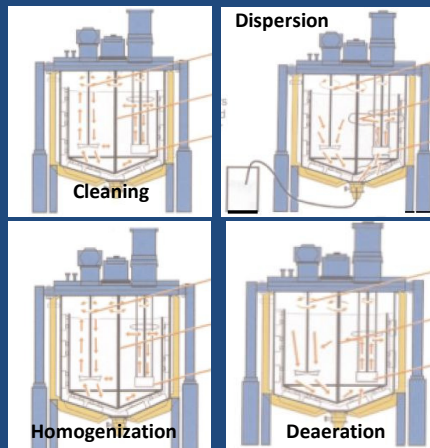
After our batch mixer

Achievable Suspension fitness(um):20-50,

Achievable Emulsion fitness (um) : 10-30

*Multiple function in one tank

By varying the speed and direction of the three mixers :U-anchor mixer ,homogenizer, disperser you can achieve four separate operating modes: **dispersion, homogenization, deaeration and cleaning.**



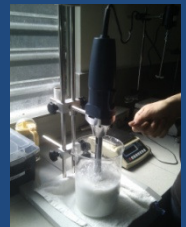
*Unlimited Customer Support

"Pre-Order Questionnaire" & "Let's trial Run" programme if you suspect the correct equipment to purchase? Let's you help us by fill in the questionnaire or you can ship us the samples for trial run ! It's totally "FREE"

Dial our hotline for 7/24 hrs products enquiry online technical support,after sales services and warranty spare parts replacement.

Equipment Designed Compliance:

- Pharmaceuticals manufacturing equipment's guidelines and standards.--Accredited to GMP audits standard



Please contact us for more info and quote :



