



SYSTEM OVERVIEW

SEPAK Industries' GJB Series high pressure homogenisers are designed for homogenising liquid products such as dairy, beverages, pharmaceuticals, and more. These homogenisers are built for simplicity and ease of maintenance, ensuring reliable operation in demanding production environments.

ADVANTAGES

- High stability and improved product shelf life
- Improved homogeneity
- Enhanced absorption
- Reduced need for costly additives
- Ability to adjust viscosity
- Shorter reaction times
- Cell disruption capability for specific applications

FEATURES

As standard, GJB homogenisers use a two-stage valve system. This equipment is an essential part of the food, dairy, and beverage industries. Milk, soy milk, and other dairy beverages are homogenised under high pressure, which refines fat globules in the liquid to improve texture and stability.

In the production of cream and similar products, high pressure homogenisation improves fineness and looseness, enhancing the final texture. For emulsions, glues, fruit juices, and slurries, the homogeniser helps prevent or reduce separation, improves the appearance of the liquid, and enhances its colour, fragrance, and taste.

TECHNICAL SPECIFICATIONS

Model	Flow (LPH)	Max Pressure (MPA)	Working Pressure (MPA)	Weight (kg)	Size (cm)	Power (kw)
GJB-30-40	30	40	0 ~ 32	230	95*75*120	2.2
GJB500-25	500	25	0 ~ 20	520	110*79*120	5.5
GJB500-40	500	40	0 ~ 32	550	126*79*124	7.5
GJB500-60	500	60	0 ~ 48	600	126*79*124	11
GJB1000-25	1000	25	0 ~ 20	540	110*79*120	7.5
GJB1000-30	1000	30	0 ~ 25	560	110*79*120	11
GJB1000-40	1000	40	0 ~ 32	1100	146*110*150	15
GJB1000-60	1000	60	0 ~ 48	1250	146*119*150	22
GJB1500-25	1500	25	0 ~ 20	560	110*79*120	11
GJB1500-40	1500	40	0 ~ 32	1250	146*119*150	22
GJB1500-60	1500	60	0 ~ 48	1300	146*119*150	30
GJB2000-25	2000	25	0 ~ 20	1100	146*110*150	15
GJB2000-30	2000	30	0 ~ 25	1150	146*110*150	18.5
GJB2000-40	2000	40	0 ~ 32	1350	146*119*150	30
GJB2000-60	2000	60	0 ~ 48	1800	160*140*160	37
GJB2500-25	2500	25	0 ~ 20	1250	146*110*150	18.5
GJB2500-40	2500	30	0 ~ 25	1300	146*110*150	22
GJB2500-60	2500	40	0 ~ 32	1400	146*119*150	37
GJB3000-25	3000	25	0 ~ 20	1250	146*110*150	22
GJB3000-30	3000	30	0 ~ 25	1400	146*119*150	30
GJB3000-40	3000	40	0 ~ 32	1800	160*140*160	45
GJB3000-60	3000	60	0 ~ 48	2700	175*140*170	55