

JAYA STEEL FAB

BRIEF DESCRIPTIONS OF THE MARGARINE MANUFACTURING PLANT

The margarine plant consisting of the SSHE, Pin rotor, B-tube and various other accessories is designed to produce a large variety of fats and oils based products including consumer and industrial margarine, shortening, recombined butter and dairy blends etc.

A number of products containing different types and amounts of fats and oils are produced in this plant for various applications in the bakery and confectionery industries.

Various types of margarine and reduced fat spreads are also produced for direct consumption. Vegetable fats and oils are used to a great extent.

The SSHE plant is by far the most flexible of the crystallization technologies in terms of crystallization of different types of fat products. It ensures optimum utilization of space and energy, continuous production and reliable quality.

The inventions over the years have been limited to utilization of various vegetable fats and oils and their modified products as well as application of various additives.

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The plant designed and supplied by us is a universal plant suitable for the manufacture of the various specialty fats as mentioned below.

The plant capacity depends on various parameters such as type of oil, type of blend, melting point and physical properties of various ingredients used and vary from product to product.

The various products of specialty fats which can be manufactured from our Standard plant are as below:

- i. Fluid Shortening
- ii. Emulsified, Non- Emulsified aerated shortenings
- iii. Bakery Fat
- iv. Table Margarine
- v. Fat Spread with or without milk fat (up to 40% moisture)
- vi. Re- Constituted butter
- vi. Cocoa butter substitute and equivalents
- vii. Cake Margarine
- viii. Cake Shortening
- ix. Cream Margarine
- x. Puff Shortening
- xi. Puff Margarine

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SET OF REACTION / PROCESS VESSELS FOR MARGARINE PRODUCTION

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SCRAPPED SURFACE HEAT EXCHNAGER / VOTATOR OR CRYATALLOR



PIN ROTOR