

PROCESSING PLANT

Yogurt Processing Plant Equipments

PRODUCT CODE	CATEGORY	ORIGIN
EQMH-CHINA-MY3167001	Processing Plant	China, exported worldwide



Description

Yogurt processing plant equipment covering milk standardisation, heat treatment, homogenisation, culture inoculation, incubation, cooling and filling, for set, stirred and drinking yogurt.

Which yogurt you are making changes the plant. Set yogurt incubates in its final pot and needs a filling line before the incubation room; stirred and drinking yogurt incubate in tanks and are cooled and filled afterwards. Choosing the plant before deciding the product leads to expensive rework. Culture handling and strict hygiene through the cool section govern the shelf life you can claim. Contact EMC Machines Manufactures with your products and daily volume for a plant layout.

Technical specification

The pretreatment of the milk is the same, regardless of whether set or stirred yoghurt is to be produced. It includes standardization of the fat and dry matter contents, heat treatment and homogenization. It is assumed that the milk has been standardized to the required fat content before entering the line and standardization of the dry matter content takes place in an evaporator in the yogurt machine. If the dry matter content is adjusted by addition of milk powder, the equipment used is similar to that described under "Recombined milk". Any additives, such as stabilizers, vitamins, etc., can be metered into the milk before the heat treatment. When the yoghurt milk has been pretreated and cooled to inoculation temperature, the procedure for further

treatment depends on whether set, stirred, drink, frozen or concentrated yoghurt is to be produced. The quality of the yoghurt in terms of texture and flavour is essential.

The complete yogurt production line including

Water Treatment section:

Milk Receiving or Powder Dissolving Section

Preparation Section

Sterilization Section

Fermentation Section

Yogurt Filling & Packaging Section

CIP Cleaning Section

Chiller

Compressor

Steam Boiler

Cooling or Incubation Room

Installation Material

Request a quotation

Send your capacity, voltage and destination port and we will reply with drawings, a price and a lead time within one working day.

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