



 **DiREN**  
**MAKINA**  
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**YOGURT MILK  
FILLING MACHINE**

## **DIMAK DIREN MACHINERY R&D**

Having great contributions to the national economy by virtue of the long-standing background that dates back half a century and the knowledge possessed, Dimes Food Industry and Trade Company engaged with numerous research and development activities in the past and performed solemn studies as regards both the food processing operations and food processing machinery.

In line with the developments experienced in the economics of both our country and the world, Dimes Gıda established and carried into effect DIMAK Diren Machinery R&D Company in order to carry on the business in such manner capable of responding to the needs of all companies both in our country and in the countries located in the geography in a more institutional and more competitive environment by virtue of the studies carried out within its structure.

DIMAK Diren Machinery R&D is incorporated in İzmir Kemalpaşa Organized Industry Zone. It is a R&D company incorporated as regards research and development of the products related with the fruit juice and dairy products, food processing machinery and the machinery and equipment required by this sector.

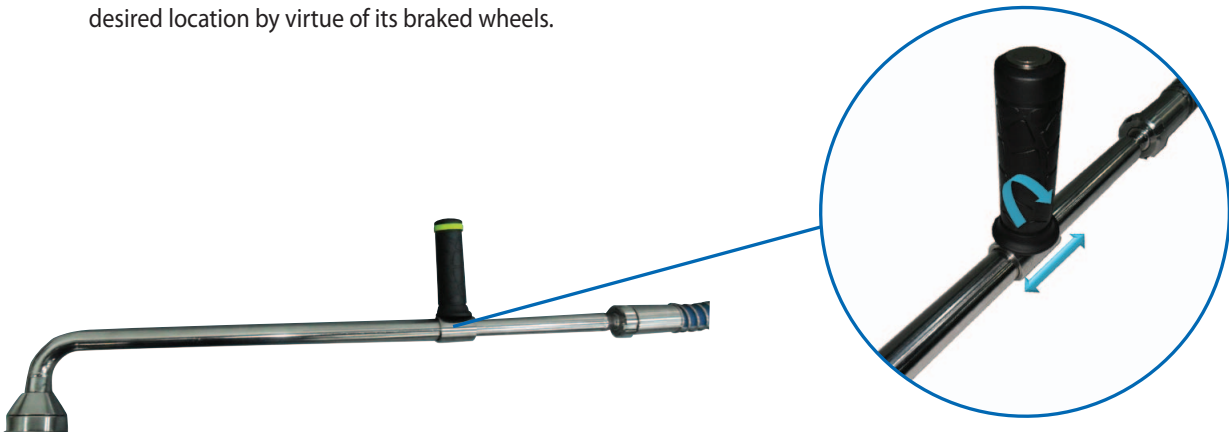
Currently active in the field of "Food Processing Operations", "Food Processing Auxiliary Equipment", "Food Production Machinery", "Warehousing and Warehouse Management Systems", and "Logistic Operation Machinery and Equipment", Diren Machinery R&D implements very authentic projects intended for the Food Industry, which did not attract attention until this day, through its expert staff.

Yogurt Milk Filling Machine developed by Dimak-Diren Machinery R&D enables its users to perform yogurt milk filling operations that meets the modern food safety criteria 100% by virtue of its fault-free, accurate, easy structure meeting all hygienic criteria.

No other filling machines manufactured for this purpose are capable of ensuring the hygienic conditions and food safety. By virtue of this feature, Dimak-Diren Machinery R&D Yogurt Milk Filling Machine holds an entirely different position than the machinery existing for this purpose.

#### **ADVANTAGES:**

1. The machine is specifically designed for performing manual filling operations for yogurt milk and other liquids to the containers with accurate weight in grams.
2. DIMAK Diren Machinery R&D Yogurt Milk Filling Machine meeting all hygienic criteria with its stainless body and equipment completely suitable for foodstuff demonstrates high performance as guaranteed by the touch screen control panel, and computer controlled (PLC) command system.
3. By virtue of its magnetic flow meter, the machine enables you to eliminate filling waste with its accurate accuracy for weight in grams.
4. The machine enables its user to perform filling operations by being connected to the line without requiring extra pumps and ballast tank.
5. The machine enables you to experience the comfort of easy and real cleaning by virtue of the CIP-Cleaning in Place system.
6. The machine enables you to experience the difference of easy use by virtue of its user-friendly touch screen control panel.
7. The predefined special menus enable easy change of weight in grams and perform calibration whenever necessary.
8. The machine enables secure and accurate filling operations by virtue of the fully balanced special design which doesn't create any difference in weight in grams between the shelves.
9. The machine is equipped with command system operating wireless with radio frequency (RFID) technique.
10. The machine doesn't cause fatigue at the machine operators and is operator-friendly by means of the light weighted and ergonomic filling guns with no cut-off valve, air hose and electrical connection.
11. The machine is user friendly with its special filling nozzle not allowing froth and drip.
12. The safety system which prevents the operator to perform filling operation under nonconforming conditions greatly facilitates the operation by automatically terminating the filling operation when any product other than the desired product temperature is received.
13. The machine is able to generate reports for the total number of filling operations and the total weight in grams after production.
14. The machine has an elegant appearance; it can be used as mobile unit and it is possible to immobilize the machine at any desired location by virtue of its braked wheels.





#### TECHNICAL FEATURES:

- Capacity : 4000 kg/hour (use of 4 guns and 1 Kg container)  
6000 kg/hour (use of 4 guns and 5 Kg container)
- Power : 220 Volt
- Air Pressure : 4-6 bar
- Tolerance : +/- 3g
- Dimensions : Width: 60 cm; Length: 80 cm; Height: 190 cm
- Material : Completely manufactured from stainless material conforming to the foodstuff.
- Miscellaneous features: Standard production is for 4 or 2 users; and each user is capable of performing simultaneous accurate filling operations with different weights in grams.



**Dimak Diren Makina Ar-Ge**  
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