



 **Di**REN  
**MAK**iNA  
AR-GE  
your reliable partner

**AUTOMATIC ROBOTIC  
LOADING / STOCKPILING / UNLOADING  
SYSTEMS**

## **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.

Automatic robotic loading/stockpiling and unloading systems enable its users a fault-free, reliable, fully controlled operation with low workmanship costs during product stockpiling, product control and loading operations and further enable maximum use of warehouse spaces.

**ADVANTAGES:**

1. Increasing the storage area capacity
2. Reduction in the construction cost for the newly constructed warehouses
3. Significant decrease at the workmanship costs for the warehouse loading and unloading operations
4. Decrease at the loading-unloading operation durations
5. Reducing the risk of errors at the loading, unloading and shipment operations
6. Ability to trace circulation of the products inside the warehouse instantly and ability to keep the instant records for the operation processes
7. Warehouse Optimization and Shifting
8. Accurate and definite provision of stock control



**TECHNICAL FEATURES:**

- Shelf system that provides more secure hygienic environment by employing closed box profiles designed particularly for the needs of the Food Industry
- Servo motor driven, PLC controlled and wireless command system
- Computer software developed by Dimak-Diren Machinery R&D capable of responding to any and all needs
- Ability to check all warehouse activities with a single operator and from remote points,
- Ability to integrate the entire stock management to the user information systems upon request,
- Ability to generate instant reports,
- The knurl, robot and shelves constituting the mechanical part apart from the aforementioned shared basic features will be designed and manufactured with specifications capable of meeting all demands of the customer according to the available warehouse conditions and the pallet weight and dimensions of the customer.



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