

# Upgrading dry bulk handling equipment across the Mediterranean

## An update on new TAIM WESER equipment installations across the continent

**TAIM WESER**, Zaragoza, Spain

After more than 100 years of experience and projects on five continents, TAIM WESER has continued its expertise into the new decade. This paper will discuss the new installations the company has been working on across the main ports of the Mediterranean Sea – such as Huelva, Tarragona, Sagunto, and Cartagena in Spain; and Dunkerque and Marseille, in France.

### Huelva Port, Spain

In Huelva Port, TAIM WESER supplied a new grain handling conveyor system for the company Terminal Marítima de Huelva S.L (TMH). Following several extensions, TMH's storage facilities at Huelva Port have the capacity to store 160,000 tons of all kinds of grain. The circuit included a moving hopper; seven conveyor belts, two of them fitted with a tripper; and five transfer towers.

With this new product entrusted to TAIM WESER, TMH equipped the port with modern facilities, increasing Huelva's technological competitiveness. The port is one of the main bulk ports in southern Europe and a strategic commercial spot.

Also at Huelva's Port, the company supplied a handling and storage system for wood chips, including two mobile reception



Handling and storage system for grain at the Port of Huelva.

hoppers and a gantry-type stacker machine. Earlier, in 1999, TAIM WESER manufactured a ship loader with a capacity of 400 t/h for fertilizers.

### Tarragona Port, Spain

TAIM WESER has a long-standing business relationship with the TPS Company at Tarragona Port. Over the years, TAIM



Two environmentally friendly mobile reception hoppers for wood cereals at Tarragona Port.



Transport and receiving circuit system for the operation of a steelworks, Port of Dunkerque.

WESER has taken charge of comprehensive services, engineering, design and manufacture, as well as the construction and launch of various port facilities for handling and storing raw materials. The scope of supply included an extensive mechanized stockyard where the equipment was supplied entirely by TAIM WESER. This consisted of a coal transport circuit running from the pier to the stockyard and the ship loading area, by means of 12 conveyor belts, one stacker, two trippers, one ship loader and finally, one coal ship unloader with an unloading capacity of 2,500 t/h.

Also in Tarragona's Port, TAIM WESER designed, manufactured and supplied a new handling and storage system for wood cereals, with a capacity of 1,600t/h. The circuit has 600m of conveyors and includes two environmentally friendly mobile reception hoppers.

### Port of Cartagena, Spain

In the Port of Cartagena, the company supplied a handling and storage system for cereals, with a capacity of 2,000t/h. The circuit has 965m conveyors and included two environmentally friendly mobile reception hoppers.

TAIM WESER also supplied a ship loader and unloader to Sagunto Port, for pallets and 20-foot ISO containers. The capacity of the machine is 6 + 6t (under ropes) for the containers and 240 pallets per hour.

### Dunkerque Port and the Autonomous Port of Marseille

Dunkerque Port has a facility supplied by TAIM WESER, consisting of a new transport and receiving belt conveyor circuit, for materials used in steelwork functioning, coal, coke, fines, and ores. The circuit has 1,980m of conveyors and a capacity of 7,000t/h.

Finally, TAIM WESER is also involved in another project currently underway, for a 1,000 t/h mobile ship loader on rails for cereals, at the Autonomous Port of Marseille. The company will be responsible for supplying a fully automated facility, designed to transport and load phosphate into ships from 20,000 to 75,000 DWT in capacity. The facility goes from the ground through a 480m-long tubular belt conveyor to the dock, where it tips the material onto a 183.72m-long belt conveyor that runs parallel to the edge of the dock. The tripper, which is 162m in length, tips the material onto the belt conveyor that connects with the loader.

This project is currently underway and is expected to be delivered in the coming months.

#### ABOUT THE COMPANY

TAIM WESER has more than 100 years of experience in the loading and unloading of bulk at ports and projects on five continents. Using its own technology, TAIM WESER designs and supplies turnkey port installations, and also equipment adapted to pre-existing port facilities and customer requirements, incorporating different bulk loading, unloading and handling apparatus. The company is also experienced in repairing, modernising and optimising the entire range of bulk handling equipment.

#### ENQUIRIES

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