

GRAINS & OILSEEDS
HANDLING



Grains & Oilseeds

In the Grain sector, Bedeschi is a manufacturing and project engineering company with a global outlook, skilled in the design, production and supply of machines and integrated systems for grain handling and storage (shiploaders, shipunloaders, belt conveyors, pipe conveyors, enclosed conveyors and any other ancillary equipment).

For the material handling sector Bedeschi provides design, engineering and manufacturing of dry bulk handling equipment (conveying systems, circular and longitudinal storage, vertical wall blending storage, eco-hoppers, crushers) and everything related to port logistics, on-shore and off-shore (transshipment, ship loaders, ship unloaders) from coal to food and many more. For cranes & Logistics field Bedeschi is a leading company supplying equipment for ship loading and unloading, container handling and storage inside the terminal.



The Company

Founded in 1908, Bedeschi provides effective and reliable products in a wide variety of industries (bulk handling, container logistics, bricks) offering complete turn-key solutions for different product lines.



**BULK
HANDLING**



MINING



MARINE



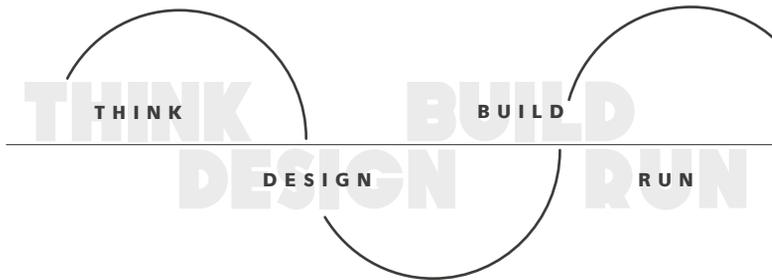
**CONTAINER
LOGISTICS**



BRICKS

LIMENA | THE COMPANY

Limena, close to Venice, in the North Eastern part of Italy hosts the Company headquarters and the biggest manufacturing facility (the other being in Bergamo). Main mechanical components are manufactured in the state of the art automated Company workshops in order to keep always the highest quality and consistency in our deliveries. While the main functions are coordinated from the headquarters, the other branches (Bergamo, Genova, Miami, Kansas City, Dubai, Moscow...) assure prompt and effective service.



**We assist you
from the very
beginning for
the entire life of
the project and
over!**

TAILOR MADE SOLUTION

We cover each step of the project execution from the feasibility study and basic design to the assembly, installation, start up and for any need after commissioning, while the plant is in operation. We still proudly offer a TAILOR MADE solution for our Customers. Optimizing investment returns means well-designed installation and innovative mechanical solutions. Our products rate best in the market in terms of energy consumption operational costs and pollution control, as a result of our commitment to environment protection.



BEDESCHI

Westwego

U S A

For New Orleans area grain terminal, Bedeschi supplied a ship loading system, part of the refurbishment and upgrading of an existing facility operating on the Mississippi River. Bedeschi has engineered, manufactured, installed and commissioned a shuttle type ship-loading arm capable of loading grain and oilseeds at 80.000 bushels/h (2200 tons/h) on vessels up to 120.000 DWT. Bedeschi undertook the project as well as mechanical and electrical works on a turnkey basis. We prioritise sustainability in order to reduce the impacts of the wastes on the environment developing efficient solutions for reducing emissions, spillages and any kind of pollution. Moreover, for making everything as much sustainable as possible, thanks to our Bedeschi Service we monitor accurately all the phases of the project, in order to optimize costs, time and maintain a good productivity. The equipment was preassembled in Italy and shipped to New Orleans area in three main parts. This is a clear example of eco-friendly solution made for reducing to the minimum the downtime in port handling operations and maximizing the customer's benefits. Currently, the shuttle type shiploader has reached its final position in WestWego and it's successfully operating.

LOADING CAPACITY | 2200 t/h on grain and oilseeds

SHIPS UP TO | 120.000 DWT

Cereal Docks

ITALY



This new ship unloader, mobile on rails, will be operating at a capacity of 800 ton/h on soya beans delivering to a dedicated quay belt conveyor. The scope of supply consists in a fully erected machine delivered to the quay of Marghera Port (Italy): this solution eliminates the need of dedicated erection area at site, minimizes assembly and commissioning time and grants minimum possible unavailability of the quay for others uses. The unloading system is based on the proven chain elevator technology, which grants lowest power consumption, gentle handling of the material, compliance with the most stringent environmental regulation, simple and inexpensive maintenance. Due to the high abrasiveness of the material handled, all parts in contact with product are built in high wear resistant material and designed to be easily replaced at need. Thanks to its reversible chain conveyors and a screw type swivelling loading arm this system is also able to reload barges at 400 t/h with by-product (soya hulls) from the oil extraction plant it is serving. Bedeschi is able to provide a state of the art line of mechanical continuous ship unloaders for grain and grain derivate and other materials ranging from 300 to 1500 t/h, able to operate on rails or rubber tires on any quay or jetty, able to unload ships with dimension up to 150.000 DWT and tailor made to each specific project need either from a performances or erection/manufacturing point of view.

UNLOADING CAPACITY | **800 t/h on soya beans**

SHIPS UP TO | **65.000 DWT (PANAMAX)**

Adelaide

A U S T R A L I A

A mobile processing facility rather than a “simple” shiploader...

One of the best examples of Bedeschi’s engineering and manufacturing capabilities, this shiploader, fully mobile on rubber tires, can load grains and oilseeds on Panamax ships at a capacity of 1000 t/h, received from trucks on a two lanes drive over hopper fully integrated and mobile with the shiploader itself, weigh, clean product by a twin set of scalpers, sample according to local standards and finally load product dust free by a Cleveland Cascade telescopic chute. Moreover, due to the reduced availability of the receiving quay, the machine was delivered at Cargill’s site in Port Flinders fully erected and dry tested.



LOADING CAPACITY | **1000 t/h on grain and oilseeds**

SHIPS UP TO | **65.000 DWT (PANAMAX)**



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