

MARINE
HANDLING



Marine

Bedeschi, leader in bulk material handling for more than a century, has an outstanding experience in the realization of complete bulk terminal solutions for the marine sector. Bedeschi is the only company able to provide both stacking/reclaiming and loading/unloading systems, as shiploader, mobile shiploaders, shipunloader, transshipment, eco-hoppers, conveyors system, etc...

The growing scale of international transport of bulk-material requires quick and flexible solutions to react to the fast changing market demand. Our transshipment expertise is the best answer combined with our on-shore applications both for cost and time saving. Of course, reducing environmental pollution and producing eco-friendly bulk handling solutions in line with the most strictly regulations in this field, are Bedeschi first commitments.



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



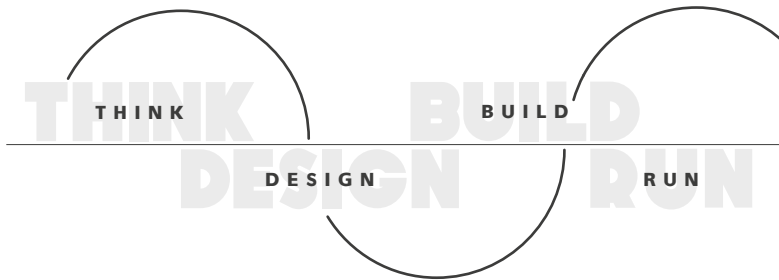
**CONTAINER
LOGISTICS**



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 always keep 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 and UK) assure prompt and effective services.



**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.

Port of Turkmenbashi

TURKMENISTAN

Turkmenistan Government awarded to GAP, one of the most important Turkish contractors, the construction of a brand new port for passengers, containers, bulk materials including a ship building and repair facility. Bedeschi as leading provider of bulk handling solutions was awarded the supply of the turn key bulk material handling

system, with two lines for grain and bulk materials. Highest environmental standard and state of the art construction and automation standard are the basic requirements to participate in a project that is going to be the calling card of such an important emerging Country.



MATERIAL | grain

DESIGN CAPACITY | 650 t/h

Oteko Portservice

RUSSIA

The project consists in the supply of a fully automated coal export terminal with a total aggregated capacity of more than 48.000 tph on 6 loading lines. This is the most efficient coal loading line in the country thanks to the capability to reduce ship handling time by a half, from 48 to 24 hours. Moreover, through introduction of advanced and environmentally sustainable technological solutions the port and industry cluster satisfy the highest

environmental standards. The supply includes 4 combined bucket wheel stacker-reclaimer, 16 kilometres of belt conveyors with relevant ancillaries equipment and 4 shiploaders delivered fully erected to the terminal jetty. The combined stacker and reclaimer machines supplied have a rated capacity of 8000 t/h each, both in stacking and reclaiming mode. The system allows for the blending of different types of coal.



MATERIAL | coal

LOADING CAPACITY | 50.000 t/h (on 6 lines)

Port of Sokhna

EGYPT

As part of the realization of the new industrial area for fertilizers production from phosphates ordered by the Egyptian NCIC, the main contractor Petrojet has awarded Bedeschi the supply of the first port facility in Egypt for the export of fertilizer. The plant is located at the Port of Sokhna in the Red Sea. The scope of supply includes an automatic storage for stacking and reclaiming with a capacity up to 100,000 tons of fertilizers gathered from the production site nearby. Thanks to a complex system of belt

conveyors the material is handled to the quay where a mobile ship loader on rubber-tires loads the ships with a capacity of 900 t/h. Bedeschi has been chosen among the competitors as it is the only company able to provide both the stacking and reclaiming system and the export and shiploading machines. Moreover, there is a modern system of air filters for keeping the environment clean when moving the material avoiding spillages and dust pollution.



MATERIAL | fertilizer

RECLAIMING CAPACITY | 900 t/h

Vale

BRAZIL

ORE FABRICA and ORE SOSSEGO are the biggest transhipments all over the world conceived for VALE, the world leading producer of iron ore.

Due to the high costs for shipping bulk material with cape-size ships (too big to enter in many ports), Bedeschi conceived off-shore floating ports providing the ships with belts and cranes to allow the handling

of raw materials towards smaller ships or barges. This permits the ships entrance and their loading on the quay. Even if this machine is not innovative, Bedeschi and Vale improved its systems with higher daily capacities (more than 100,000 tons/day) in compliance with the strictest environmental standards.



MATERIAL | iron ore

DESIGN CAPACITY | 6000 t/h



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