

GROUP PROFILE
Since 1908



Since 1908 complete turn-key projects

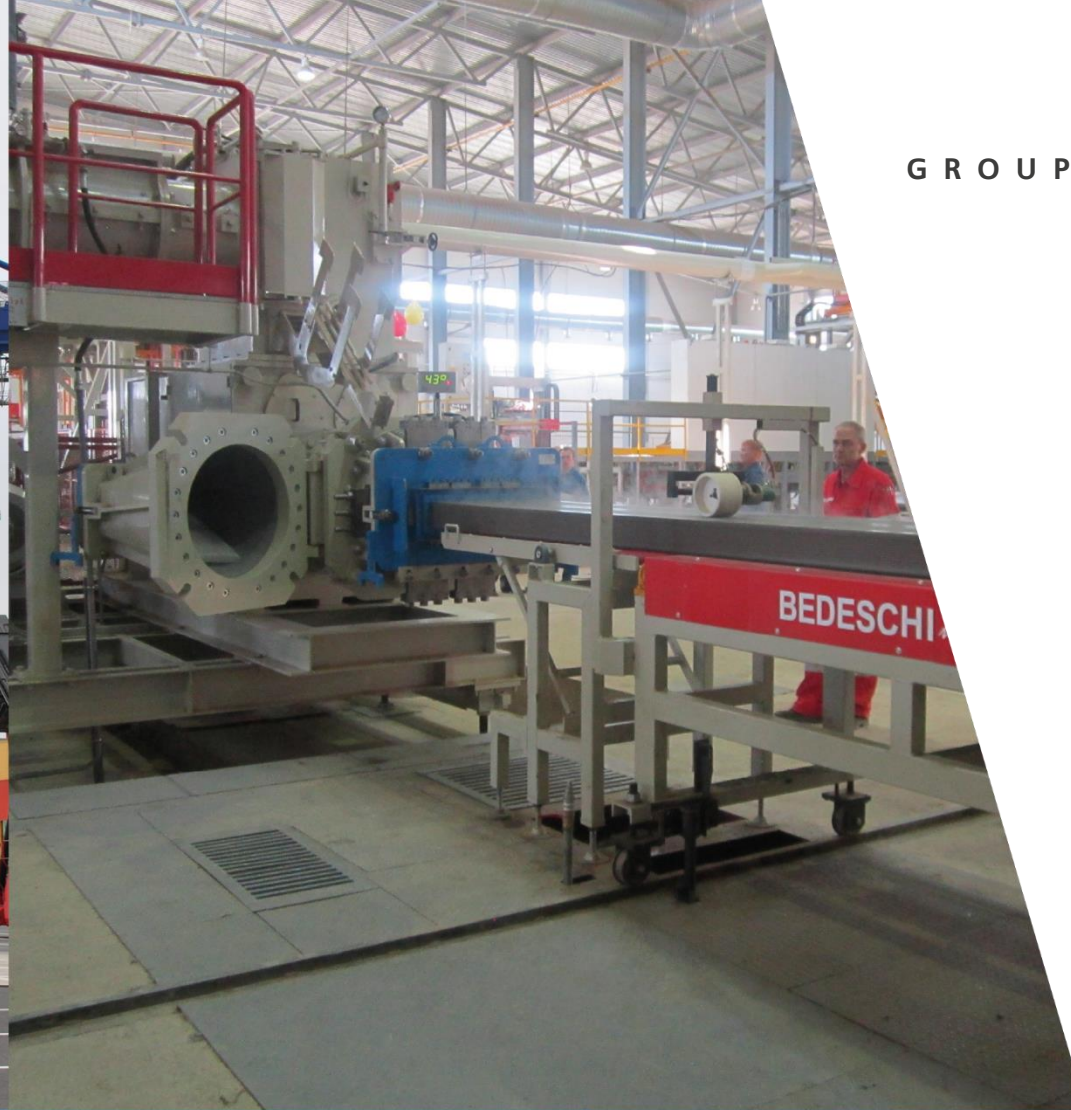
Bedeschi diversified Business Units can
provide Customers with complete turn-key
solutions for:

Bulk Handling, Marine and Mining
Container Logistics
Bricks



Turn Key Solutions

For more than
a century Bedeschi
is providing effective
and reliable
solutions in a wide
variety of industries,
capitalizing on
synergies and cross
competences.





Our Values

We strongly believe that our success relies on PEOPLE. The longlasting relationships with our Customers and our teammates are able to keep us growing every day.





Doubled
since 2012

160
Mio

Some Figures



More than
300
people



More than
100
Engineers



More than
10
years average presence
in the company

More than
1500
installations

More than
2/3
returning
customers





Group Overview

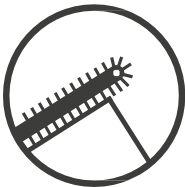


2
production
sites in Italy

More than
20 sales
representative
offices
worldwide



Industry



| | | | | | |
|---------------------------|---|---|---|---|---|
| BRICKS | ✓ | | | ✓ | |
| CERAMIC | ✓ | | | | |
| TILES | ✓ | | | | |
| CEMENT | | ✓ | ✓ | ✓ | |
| MARINE LOGISTICS | | ✓ | ✓ | | ✓ |
| DRY PORTS | | | | | ✓ |
| POWER | | ✓ | ✓ | | |
| STEEL | | ✓ | ✓ | | |
| GLASS | | ✓ | | | |
| BIOMASS | | ✓ | ✓ | ✓ | |
| MINING | | ✓ | | ✓ | |
| LIME AND GYPSUM | | ✓ | ✓ | ✓ | |
| WASTE MANAGEMENT | | ✓ | | ✓ | |
| FERTILIZERS / CHEMICAL | | ✓ | ✓ | ✓ | |
| GRAIN | | ✓ | ✓ | | |

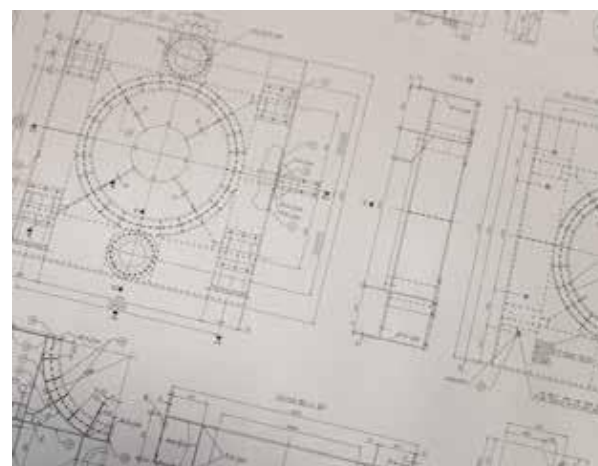
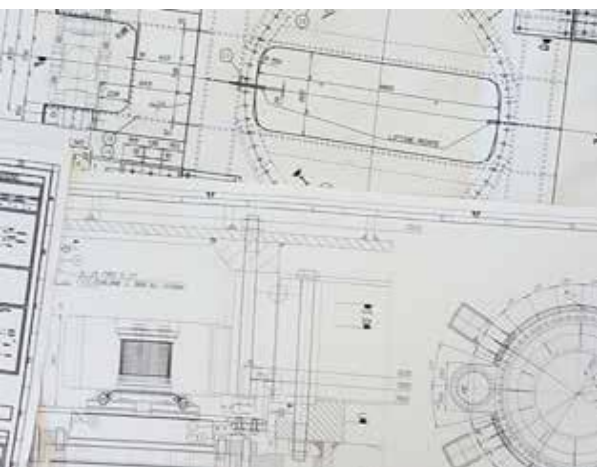
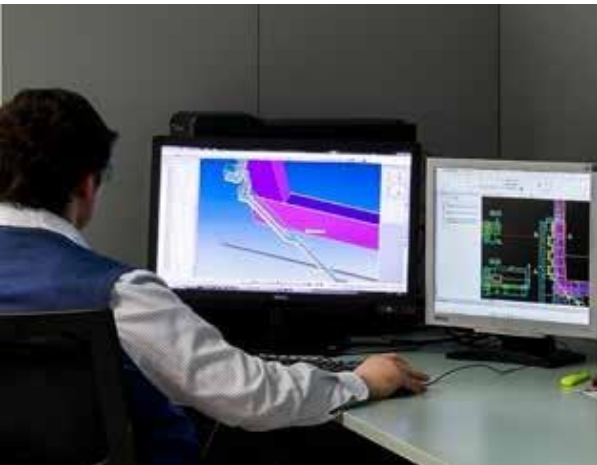
**We assist you from the
very beginning for the
entire life of the project
and over!**

Think

Design

Build

Run



Think

Feasibility Studies
Preliminary Engineering
Logistics audit and research
for improvement opportunities
General Consulting/Cost Analysis
Plants reconditioning

Design

Requirements Optimization
Alternative solutions
simulation
Basic Engineering and Detail
Engineering
Process assessment and integration



Build

Component manufacturing
in our workshop
Worldwide procurement
for steel manufacturing
Strict quality control
Expediting
Job site preparation and
supervision since civil works
Assembly in house and on
site project management

Run

No load and load tests
of the complete solution
Site assistance, comprehensive training
and temporary management
Full service maintenance programs
Remote control and troubleshooting

After Sale Services

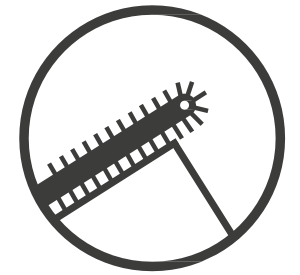
Widespread availability
Emergency spare parts
Technical audit
Maintenance contract
Training
Field assistance





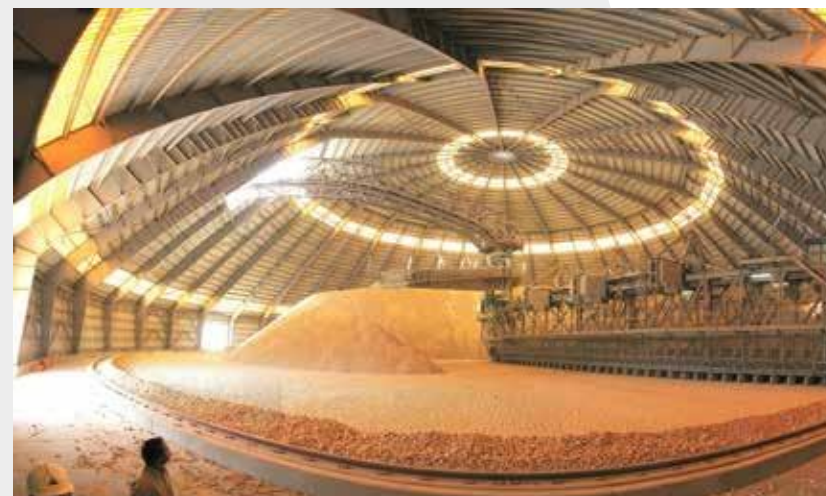
Handling

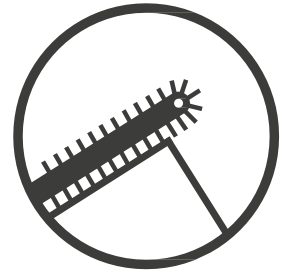
BULK HANDLING
MARINE
MINING
REVAMPING



Circular Storage

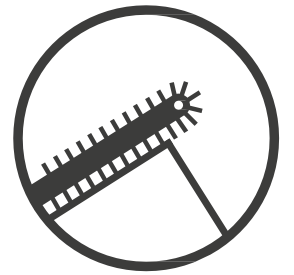
Best blending with
optimized space utilization
Up to 200 mt diameter
Portal or frontal reclaimer





Longitudinal Storage

Any combination of
stackers and reclaimers
Best solution to handle also
very sticky and wet material

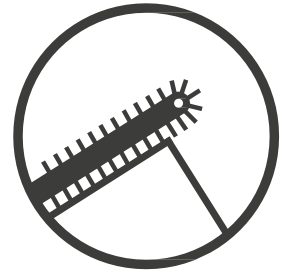


Vertical wall blending storage

Perfect blending for any type of material

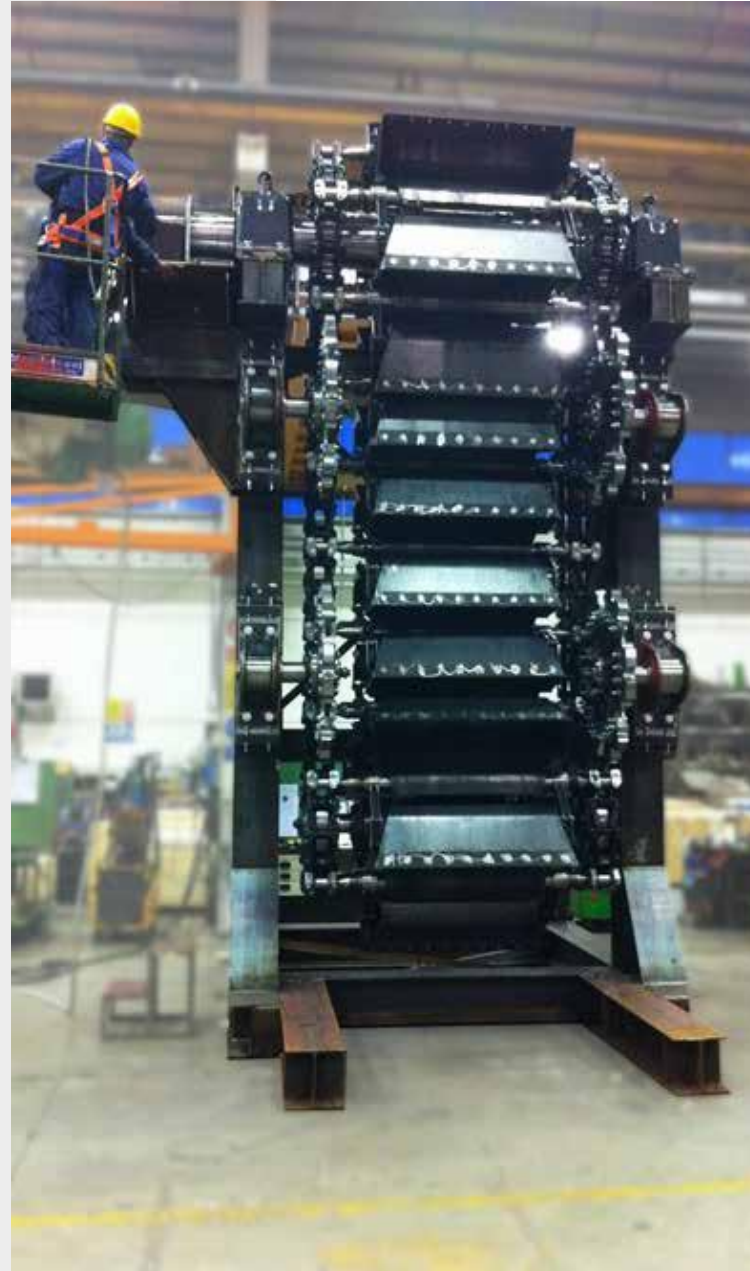
Blending ratio of more than 10

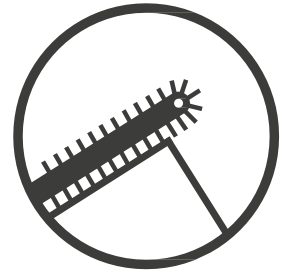
Any combination of stackers and
reclaimers for maximum flexibility



Special Application

Bucket wheel
Plow Feeder
Bucket Elevator
Hopper





Conveyors

Belt conveyor

Pipe conveyor

Screw conveyor

Chain conveyor

Enclose (box) conveyor

Vackem system





On-shore Applications

Shiploader

Shipunloader

Travelling, tower, luffing and slewing SHL

Any type of material from coal to grain

Continuous ship unloader

Environmental friendly solutions

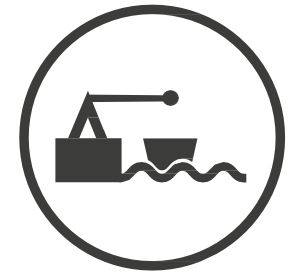




Off-shore Applications

Wide variety of transhipment both for
import and export applications
More than 20 installations in the
last 10 years
Wide experience with many
different materials

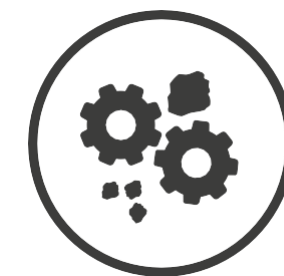




Special Applications

Tailor-made solutions to meet customer needs in term of space, minimum rail span or material like fragile iron ore or briquette





Mining

Feeder:
Inclined feeder, horizontal feeder,
hinged and curves blade, perfect
blade cleaning for sticky materials

Normal duty crusher

Heavy duty crusher

Mobile crushing unit

Low wearing

Low fines



Cranes

STS (SHIP TO SHORE)
RMG/RTG
REVAMPING



STS

Highest European state of art solution
Lowest energy consumption
Tailor-made solutions





RMG/RTG

Flexible and fully automatic solutions
for dry and wet terminals





Revamping

Best ideas to adapt existing older cranes to the modern needs of today's terminals





Bricks

**BRICKS
ROOFING TILES
PREFABRICATED WALL
SPECIAL APPLICATION**



Bricks turn key installation

Bedeschi is the only company with the full design and manufacturing of any part of the plant from the preparation to extrusion and from cutting to packaging line





Roofing tiles turn key installation

Bedeschi's pressing lines combine the traditional reliability of Bed Machines with the flexibility needed to press, move and fire a wide variety of normal and glazed tiles in the same plant





Prefabricated wall turn key installation

Shortening the construction time for a newly built house is nowadays a big challenge for contractors. Bedeschi solution offers the possibility to prefabricate and deliver to site portions of the wall for a huge saving of time and improved quality in terms of insulation.

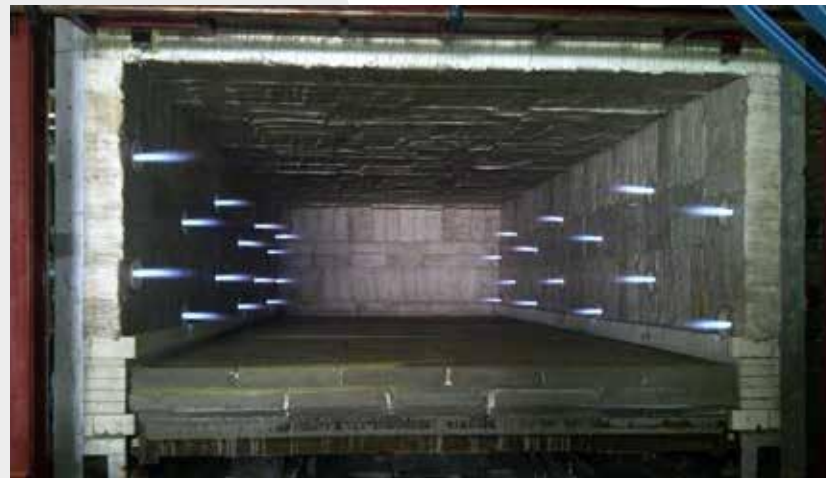
The plant is fully automated and can translate the architectural drawings of the house in instructions to the line robots including the exact windows positions and even the electrical plugs to save on cabling time later on.





Special Application

Truck loading
Mono Layer self-standing Kilns



Case Histories



H A N D L I N G - C O A L

G R O U P P R O F I L E | B E D E S C H I



ACCIAIERIE D'ITALIA

(Italy)

This plant is aiming to be one of the **most advanced and environmentally friendly facilities in Europe**.

Bedeschi was awarded the supply of the stacking and reclaiming system inside the primary park (mineral and fossil). Inside the iron ore stockyard are installed 3 new machines for bulk handling with innovative characteristics.

This solution is making Taranto the leading facility in the field of stacking materials. The machines are conceived to specifically optimize the quantity of the materials handled inside the stockyard, maximizing the covered area and the piles height. In the meantime, these will reduce the energy consumption and improve the plant efficiency and reliability.

Even if the yards are completely covered and insulated from the outside, the environment safeguard has been taken into great account to reduce the dust emission from the beginning to the loading and unloading operations.

In addition, the machine is equipped with a water system on-board that, through a tank, a distribution system and nozzles strategically placed, is remarkably reducing the dust emission without raising the humidity level of the conveyed material. In terms of sustainability, this intervention is unique.





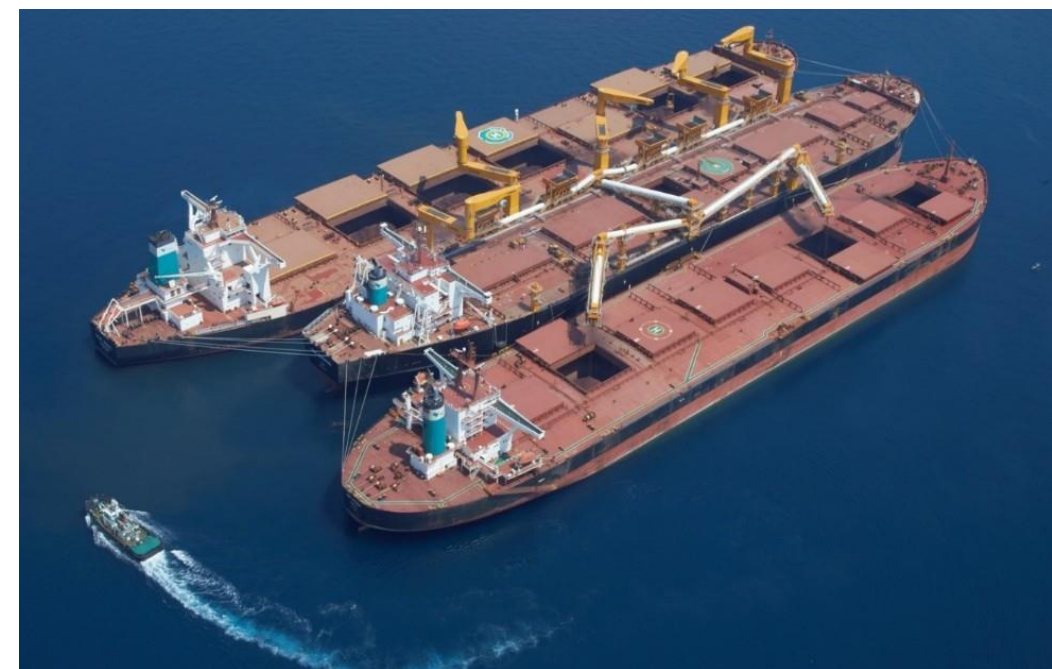
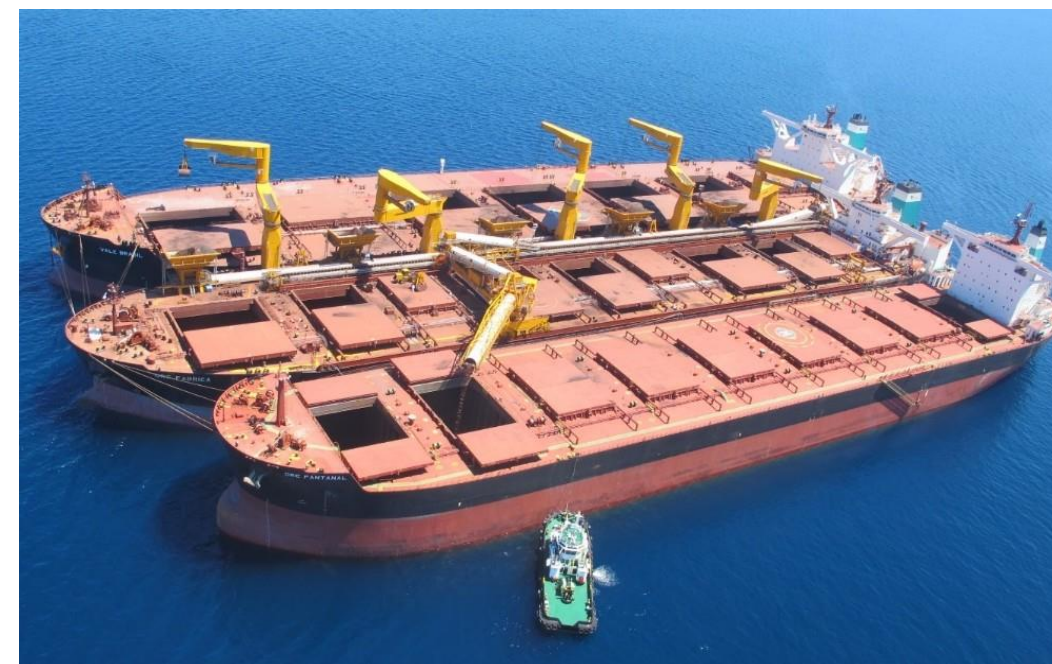
VALE

(Brazil)

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

Due to the economies of scale to handle materials using cape-size ships (too big to enter many ports) Bedeschi conceived floating ports off-shore providing the ships with belts and cranes to allow the handling of raw material toward ships or barges with reduced dimensions, allowing their entrance and loading on the quay.

Even this machine is not something new, Bedeschi and Vale carried out these systems with higher daily capacity (more than 100,000 tons/day) complying with all the latest environmental rules and standards.





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.





OCP (Maroc)

As part of its strategic development plan, **OCP Group** has chosen once again Bedeschi as EPC contractor for the enhancement of **Jorf Lasfar plant** and port with the aim of increasing the fertilizers sea freight shipping.

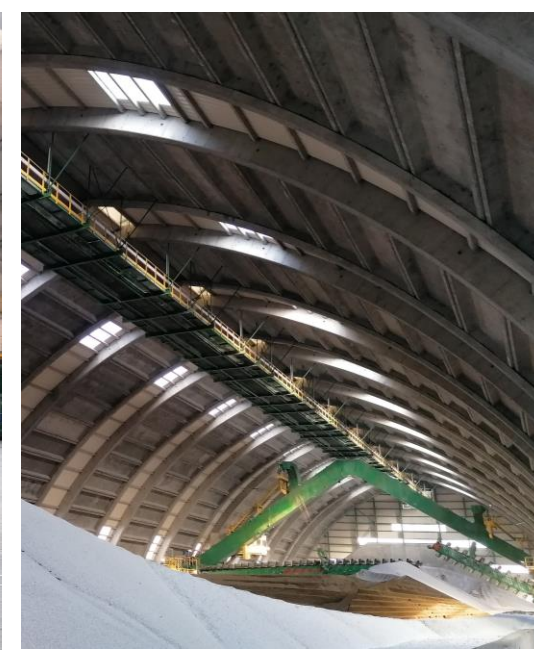
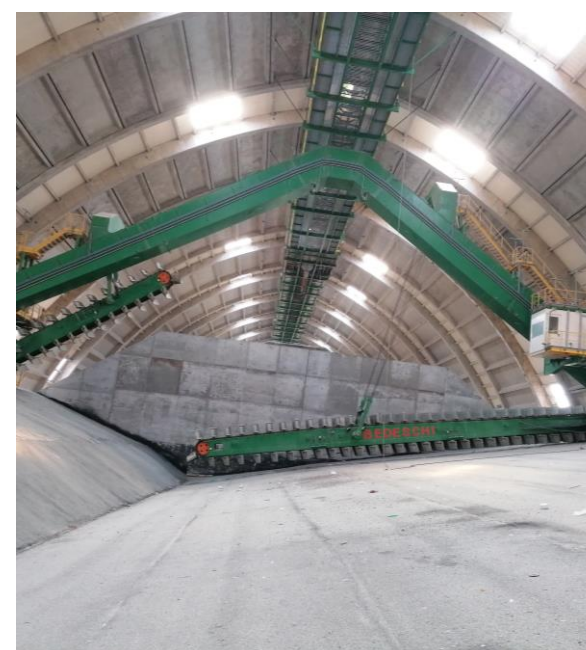
The stocking capacity has been implemented from 200 m (capacity 4*50.000 t) to 400 m (capacity 4*10.000 t).

The scope of the new project consisted in the supply and installation of 4 double boom portal reclaimers of 2400 t/h capacity each and the replacement of existing trippers with the supply and installation of new trippers of 1200 t/h.

In addition, the supply and installation of belt conveyors for the reclaimed material and the revamping and extension of existing conveyors serving the trippers for the creation of the stockpiles.

Moreover, the company supplied and installed a new belt conveyor line to connect the storages extension to the existing fertilizer 's shipping line.

Finally, the supply and installation of 7 conveyors transfer towers.





H A N D L I N G - M I N I N G

G R O U P P R O F I L E | B E D E S C H I



NALCO

(India)

National Aluminium Co., the indian giant exploits several bauxite mines in central India and since 1985 has chosen Bedeschi as technological partner for all their crushing needs.

Bauxite can result in hard and sticky agglomerates sometimes very difficult to crush, Bedeschi experience with such difficult applications has brightly solved their needs since the very beginning.

This mutual partnership resulted in the supply, among others, of three giant double roll crushers RL 1600/2000, the latest being delivered these days.





BRICKS

REVDA COMPLETE TURN KEY INSTALLATION

(Russia)

Bedeschi S.p.A. supplied and successfully commissioned a green field “turn-key” plant for the production of 60,000,000 pieces/year of facing bricks and structural blocks to **UGMK**, the Russian steel giant.

The plant represents the latest state of the art installation for the Russian market including finest milling lines, energy saving dryer and kilns with “greenest” technology for emissions and dust control.

Sophisticated integrated factory control systems allow the complete control of the factory operation from local or mobile to the plant management and the remote troubleshooting or fine tuning of Bedeschi engineers from Italian headquarters.

GROUP PROFILE | BEDESCHI





C R A N E S

G R O U P P R O F I L E | B E D E S C H I



EUROGATE

(Cyprus)

OMG MGM, the Bedeschi Cranes BU, enjoys a wide installed base since many years, being part of the Group now the sales and designed activity has been revitalized to a new standard of quality and innovation.

This “new era” started with the Eurogate (leading German terminal operator) taking over the Limassol/Cyprus terminal and awarding the supply of two new 23 rows STS together with the complete revamping of the existing terminal cranes to suit the actual needs of this new hub aiming to be one of the most active hubs in the Mediterranean sea.





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