

COMVEX
AGI CUSTOMER SPOTLIGHT
CONSTANTA, ROMANIA



AGI 



INTRODUCTION AND ***PROJECT BACKGROUND***

COMVEX, the largest bulk raw material handling terminal in the Black Sea was established in 1991. Expanding their operation, the Romanian port operator was granted a €33.6 million loan to build a new grain terminal at the strategic location at the Port of Constanta. With conceptualization starting in 2014, the grain terminal is now nearing completion and worth about €50 million.

COMVEX has established itself as a leading specialist in handling, storing and transshipment of dry bulk minerals, largely by applying a modern, approach to equipment supply. To create a world-class grain terminal, COMVEX partnered with AGI to supply their full-system solution.

***70 CONTAINERS AND OVER 250 TRUCKS TO SHIP
ALL OF THE EQUIPMENT FROM NORTH AMERICA,
UNITED KINGDOM AND ITALY***



PROJECT

DETAILS & EQUIPMENT

Port facilities rely heavily on speed to reduce costly loading and unloading times, with this in mind COMVEX approached AGI with the objective to have the fastest pump in the port. By answering the COMVEX business plan, the Constanta grain terminal delivers on speed as a key differentiator, saving traders and customers time and money.

Most of the components for COMVEX have been customized to meet customer requirements not only in terms of dimensions and geometry but also with specific features to enhance durability such as abrasion resistant steel lining for sides and bottoms on chain conveyors and urethane lining on bucket elevators. All the handling equipment is hot-dip-galvanized.

“COMVEX WANT TO LOAD AND UNLOAD AT HIGH SPEEDS AND ARE AIMING TO BE THE FASTEST IN ROMANIA AND THE BLACK SEA”

ANDREA FUMIAN

EQUIPMENT HIGHLIGHT

- 10 enclosed belt conveyors with capacity of 600 to 1,500 mt/h.
- 16 bucket elevators with capacity from 600 to 1,500 mt/h.
- 19 chain conveyors with capacity from 200 to 1,500 mt/h.
- 3 open belt conveyors: 1x 600 mt/h and 2x1,500 mt/h
 - Fully customized with two tripper unloading car and a covering system.
 - 2 motorized tripper cars are 30 meters long, 6.5 meters high and have a dead weight 25 mt each.
- 18 flat bottom bins with 13,000 ton capacity
- 6 flat bottom bins with 2,800 ton capacity
- 6 hopper bottom bins from 40 tons to 800 ton capacity.
- 24 sweet augers with capacity of 200 mt/h.
- 8 intake pit filters.
- More than 180 various valves, gates, magnets and distributors.

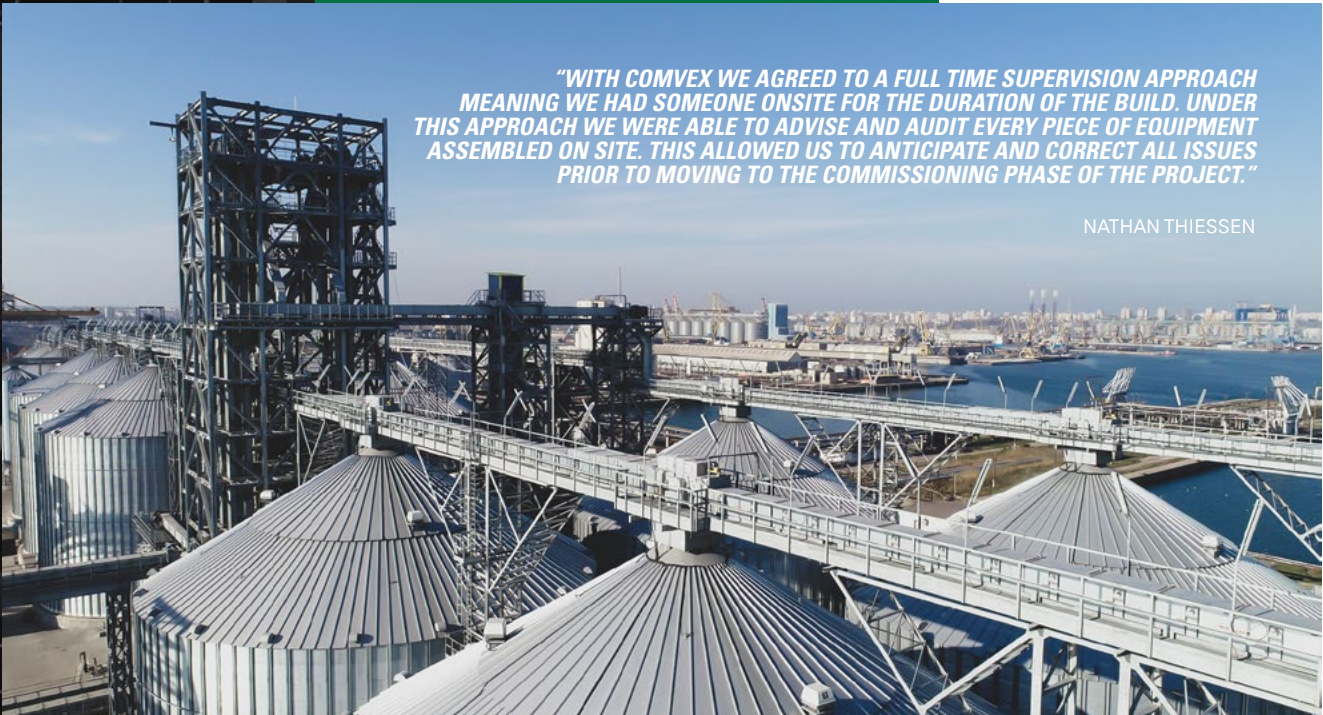


***"ALL OF THE STRUCTURES WERE CUSTOM
DESIGNED TO ENSURE THE CUSTOMER WOULD GET
THE BEST VALUE FOR MONEY"***

FRANCESCO SELVA

"WITH COMVEX WE AGREED TO A FULL TIME SUPERVISION APPROACH MEANING WE HAD SOMEONE ONSITE FOR THE DURATION OF THE BUILD. UNDER THIS APPROACH WE WERE ABLE TO ADVISE AND AUDIT EVERY PIECE OF EQUIPMENT ASSEMBLED ON SITE. THIS ALLOWED US TO ANTICIPATE AND CORRECT ALL ISSUES PRIOR TO MOVING TO THE COMMISSIONING PHASE OF THE PROJECT."

NATHAN THIESSEN





Building a successful port facility requires an emphasis on efficient products, advanced technology, insightful data, and prime safety practices and features. AGI is proud of its partnership with COMVEX and believes in partnering with their customers to create the best solution for the project.



"A BIG PART OF HOW AGI WORKS IS GAINING A FIRM UNDERSTANDING OF WHAT THE CUSTOMER WANTS. EVERY CUSTOMER AND EVERY PROJECT IS DIFFERENT, SO OUR APPROACH IS TO FIND OUT WHAT IS NEEDED."

ANDREA FUMIAN

SERVICES AND EXPERTISE

As its leading partner, AGI expertly helped COMVEX analyze and prioritize every component to ensure CapEx is allocated with total cost of ownership (TCO) analytics. AGI was able to save COMVEX expensive planning and project management time caused by multiple vendors through providing all the necessary equipment to deliver the desired outcome for the grain terminal.

AGI has implemented all of the engineering, project management and site supervision necessary to serve COMVEX's customers efficiently to earn their loyalty. AGI Technical Support has also provided full-time supervision to ensure the highest standard of construction conformity. In terms of safety, AGI worked closely with COMVEX to create maintenance and operational protocols, establishing the highest levels of reliability and security for the grain terminal.

AGI's decades of experience gives us a unique insight into industry best practices and we are committed to working with our customers to build on these principles. Efficiency is paramount to maximizing the return on investment into a port facility. If needed we are able to work with the local teams to train on operational approaches that emphasize this smart approach. And having a proper maintenance plan that looks to predictive and preventative maintenance models is key.

No two sites or customers are ever alike and AGI is able to adapt our approach to supervision based on the specific needs of our customers. The key is we are committed to being a partner for every project.

Team Members

Francesco Selva

Luca Antolini

Mihai Pojoga

Raffaele Degliesposti

Nathan Thiessen

Enrico Todaro

Laura Vadrucci

Mike Spillum

Massimiliano Giona

Christian Pepe

Cristiano Carpin

Alberto Menesello

Andrea Fumian

Shane Knutson

**VIEW THE
INSTALLATION
VIDEO**





AGI 

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