



## PORT EQUIPMENT - SHIP LOADERS / UNLOADERS

From initial project design to complete turnkey installations with mechanical and/or pneumatic most reliable and profitable solutions



## SHIP LOADERS

*Up to 1,200 tons/hour*

On rails



1,000 tons/hour (Fertilizer)

Gdynia - Poland



350 tons/hour (Grain)

Aktau-Kazakhstan



1,000 tons/hour (Grain)

Liepaja - Latvia



project

Designed for **almost any kind of products** in bulk with a **density from 0.2 to 1.8**, VIGAN loaders are suitable for **all size of barges or vessels**.

The loading is made mechanically: cargo can be for instance transported into the loading boom by integrated belt (eventually with a travelling movement) or chain conveyor and discharged by gravity into the ship hold thanks to a telescopic loading chute.

The loading boom is usually mounted on a slewing ring.

The combination of telescopic and rotating movements allows **continuous and uniform loading** operations of the ship holds.

**The loading structure can be mounted:**

- On a self-propelled gantry on rails;
- On a self-propelled gantry on rubber wheels;
- On a fixed structure.

**Customized characteristics:**

- Electrically driven motor, or with Diesel power unit;
- Loading boom up to 25 metres;
- Capacities up to 1,200 metric tons per hour (depending on cargo and working conditions).

**Dust control devices:**

- Automatic self-cleaning filter;
- Retractable cover of the telescopic belt conveyor boom;
- Dust-free loading head.

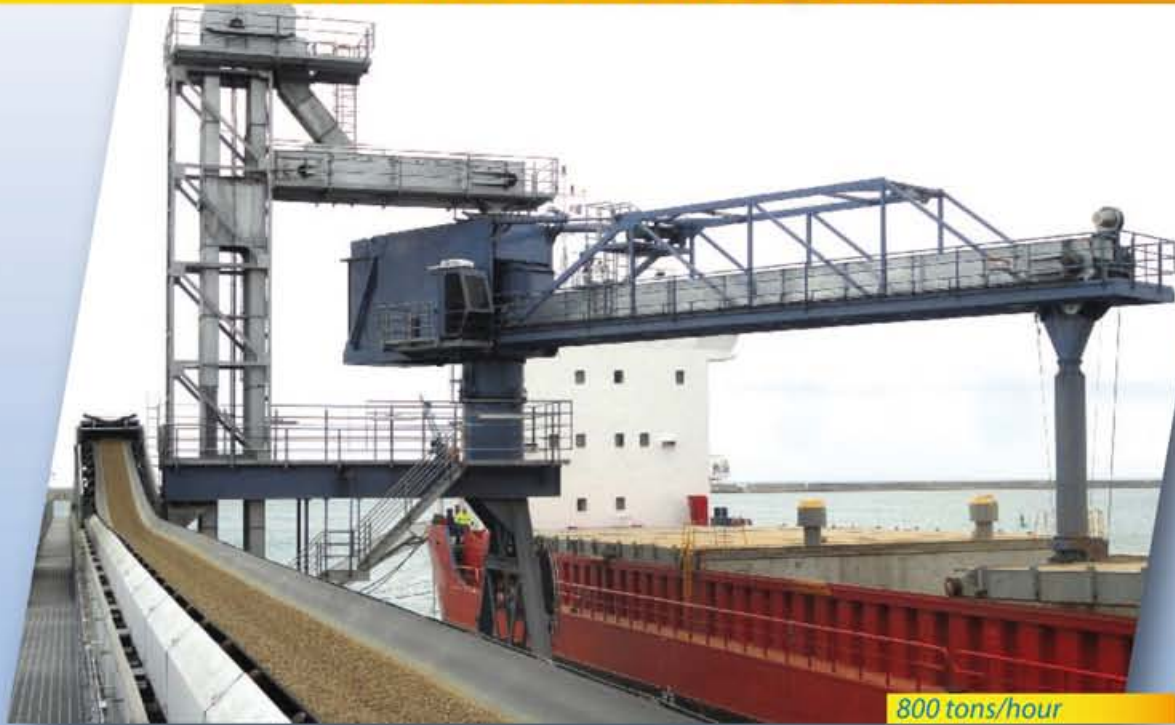
**Special optional features:**

- Slewable loading powered thrower;
- Operator's control cabin;
- Continuous weighing system;
- Jet slinger;
- Etc ...

**FOR MORE INFORMATION CONTACT  
WWW.VIGAN.COM**

A team of highly qualified specialists  
will immediately initiate for you  
a comprehensive study of your project

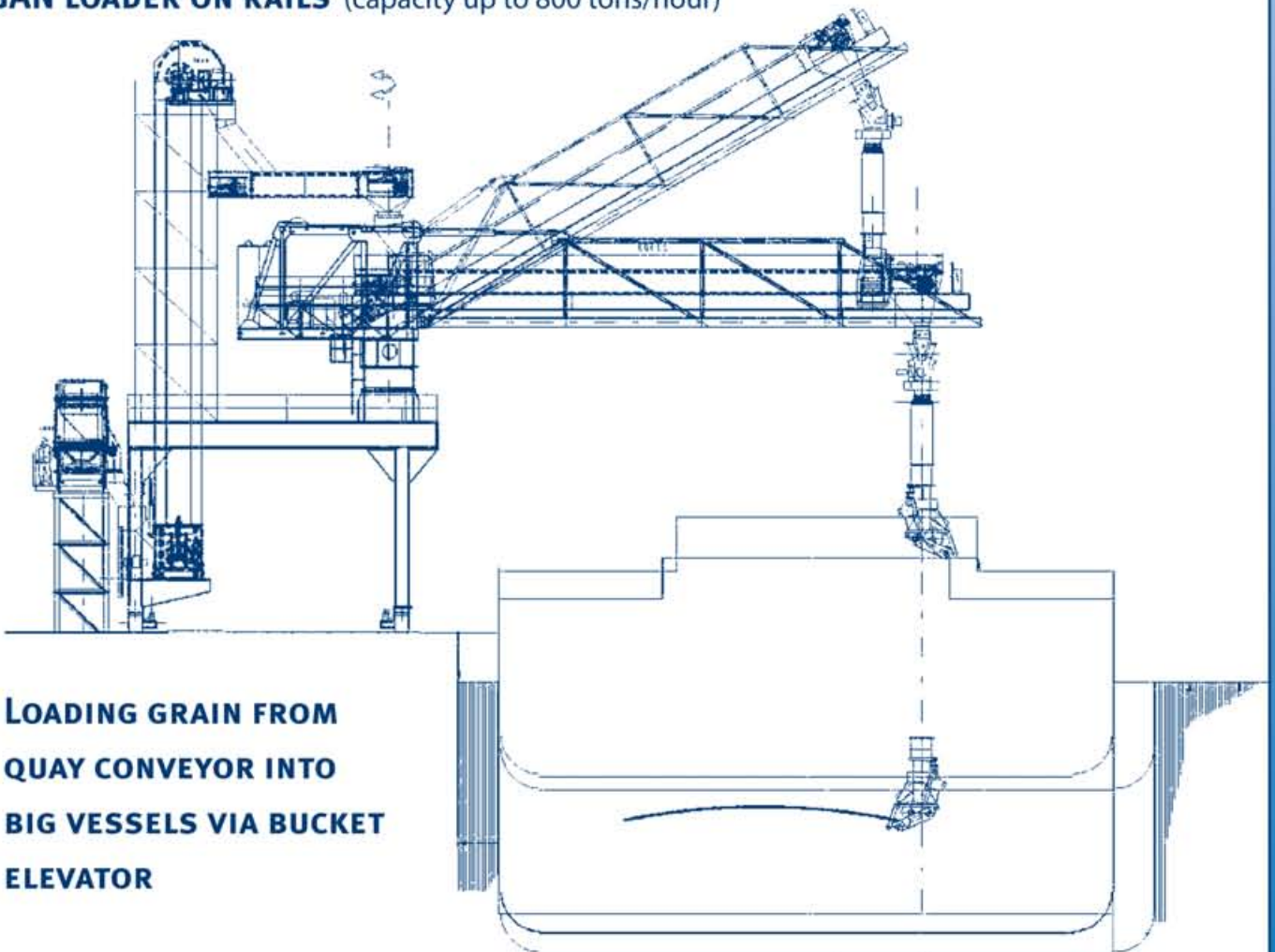
## FULLY CUSTOMIZED EQUIPMENT



800 tons/hour

Sète - France

### VIGAN LOADER ON RAILS (capacity up to 800 tons/hour)



LOADING GRAIN FROM  
QUAY CONVEYOR INTO  
BIG VESSELS VIA BUCKET  
ELEVATOR

RELIABILITY AND EFFICIENCY

# SOME EXAMPLES OF OPTIONAL EQUIPMENT AVAILABLE



Slewable loading powered thrower



Operator's cabin



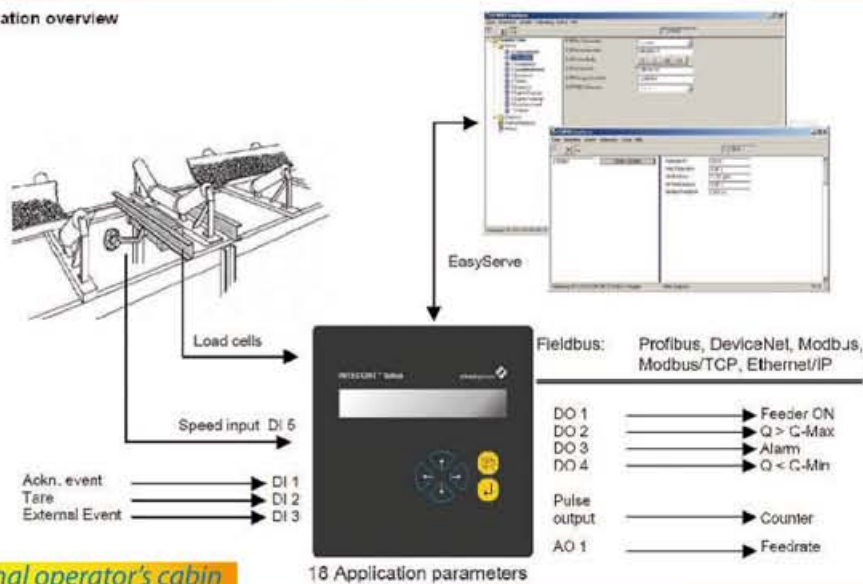
Operator's cabin

Automatic self-cleaning filter(s) can be mounted on top of the integrated belt conveyors.



The telescopic loading spout can be equipped with a dust-free loading head and/or a dust suction equipment.

## Application overview



Screen in optional operator's cabin



Jet slinger

The belt conveyor of the telescopic boom can be equipped with a **continuous weighing system**.

As an option, a **jet slinger** can be mounted at the bottom of the telescopic loading pipe: it allows also a quite uniform spreading of the cargoes in the holds.

**PLEASE CONTACT US FOR ANY SPECIAL REQUIREMENT**

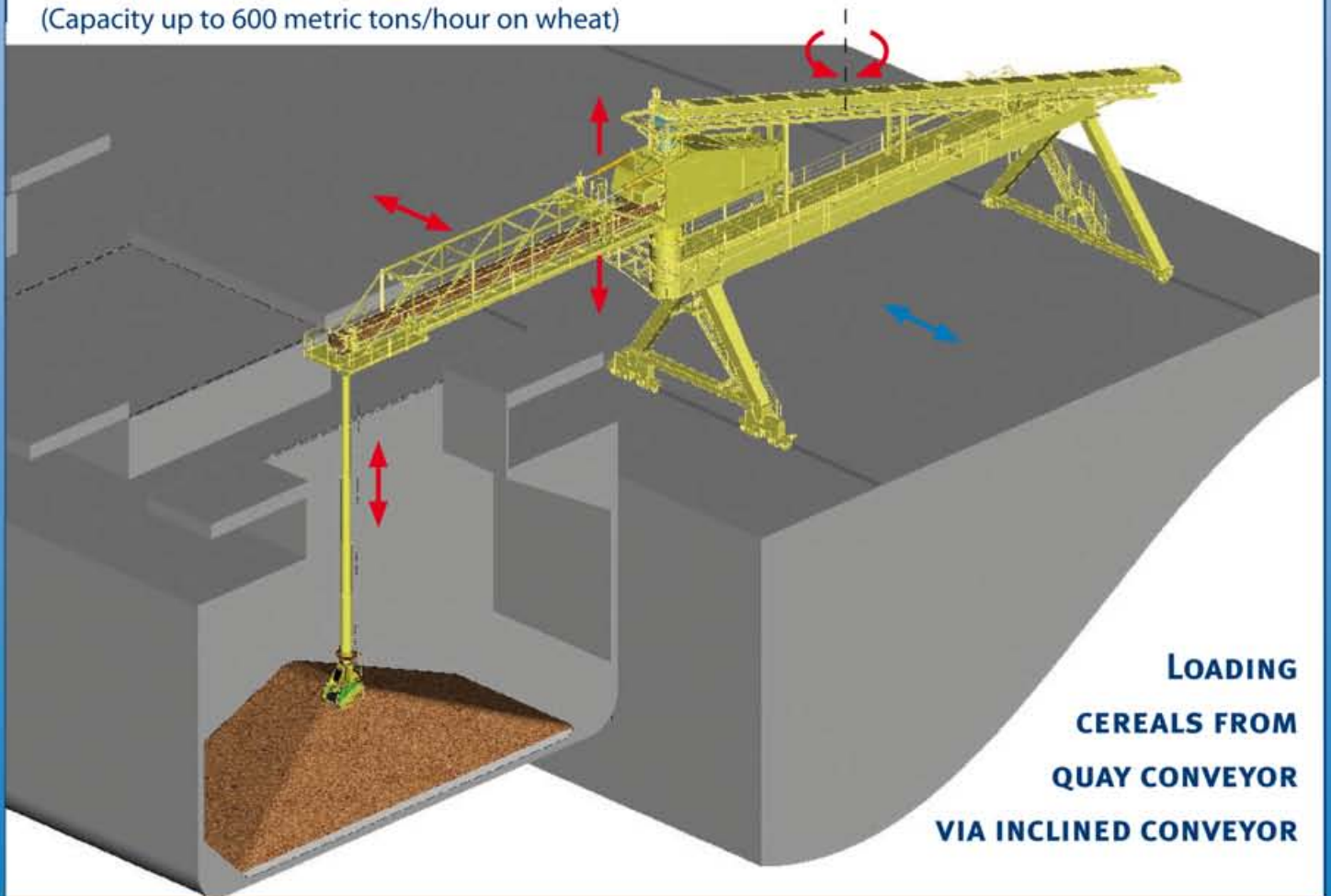


600 tons/hour

Swinoujcie - Poland

### VIGAN LOADER ON RAILS

(Capacity up to 600 metric tons/hour on wheat)



**LOADING  
CEREALS FROM  
QUAY CONVEYOR  
VIA INCLINED CONVEYOR**



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**MANUFACTURES BULK MATERIALS HANDLING SOLUTIONS MAINLY:**

- ◆ Mobile pneumatic conveyors or vacuators or grain pumps
- ◆ Pneumatic continuous barge unloaders and mechanical barge loaders
- ◆ Mechanical and pneumatic continuous ship unloaders for vessels up to post-Panamax
- ◆ Mechanical loaders for any size of ships

Vigan capabilities include also complete turnkey projects for port terminal including ship unloading & loading, storage facilities and bagging operations.

