Port Equipment - Ship Loaders / Unloaders

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

- Portable grain pumps
- Pneumatic continuous barge unloaders
- Pneumatic continuous ship unloaders for vessels up to post-Panamax
- Mechanical continuous ship unloaders for vessels up to post-Panamax
- Mechanical loaders for any size of barges and ships

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

VIGAN Engineering S.A.
Rue de l'Industrie, 16 • 1400 Nivelles • Belgium
Phone: +32 67 89 50 41 • Fax: +32 67 89 50 60
www.vigan.com • info@vigan.com

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

Loading cereals from quay conveyor via inclined conveyor

Up to 2,000 tons/hour

Swinoujcie - Poland

VIGAN LOADER ON RAILS
Cereal loading
Storage & weighing
Bagging & packaging
UNLOADING
LOADING
STORAGE

réf. NIV2012 janvier 2017 - 1000 ex Interlignes Ecaussinnes
Some examples of OPTIONAL EQUIPMENT AVAILABLE

- Fully Customized Equipment
  - 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 swivelling ring.
  - The combination of telescopic and rotating movements allows continuous and uniform loading operations of the ship hold.

  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.

  Customised characteristics:
  - Electrically driven motor, or with Diesel power unit;
  - Loading boom up to 30 metres;
  - Capacities up to 2,000 metric tons per hour (depending on cargo and working conditions).

  Dust control devices:
  - Automatic self-cleaning filter(s);
  - Retractable cover of the telescopic belt conveyor boom;
  - Dust-free loading head and/or dust suction equipment which can be installed at the telescopic loading spout.

  Special optional features:
  - 360° swivelling static thrower;
  - Dust skirt;
  - Jet slinger;
  - Operator’s control cabin;
  - Continuous weighing system;
  - PLC Program;
  - Etc …

  More information on www.vigan.com

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

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

Loading grain from quay conveyor into big vessels via bucket elevator

RELIABILITY AND EFFICIENCY

Sète - France

800 tons/hour

VIGAN loader on rails (capacity up to 800 tons/hour)

Gdynia - Poland

Souchez - Belgium

Gdansk - Poland

Rouen - France

MOSTLY CUSTOMIZED EQUIPMENT

Anti-dust and optimal trimming chutes:

Communication with the terminal to ensure interlocks and exchange of data and control signals.

1000 tons/hour (Grain)

Szczecin - Poland

350 tons/hour (Pellets)

Gent - Belgium

800 tons/hour (Grain)

Combined shiploader/unloader

Rouen - France

360° slewing static thrower

Please contact us for any special requirement.