VIGAN

POWER IN ACTION

Port equipment - Ship Loaders / Unloaders

With **1,200** machines sold
in more than **80** countries
over **43** years,
VIGAN is your experienced partner
for loading and unloading
the most precious commoditiy on earth.

Grain deserves reliability

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Dry bulk in Belgium

Jay Venter

Vigan – Belgium-made production for accurate control

Belgium-based VIGAN Engineering S.A. is more than just a manufacturer of shiploaders/unloaders, but is also a global solutions provider for port development projects.

From initial consulting of VIGAN's UK subsidiary AS-C Projects Ltd. experts up to commissioning, VIGAN is able to deliver whole turnkey terminals including a wide range of equipment and auxiliary devices thanks to its network of business partners.

Among such achievements:

- The F.A.P. grain and fertilizer terminals in Pakistan including one continuous ship unloader (CSU) of pneumatic type NIV 600tph (tonnes per hour) + one CSU of mechanical type SIMPORTER 1,000tph + conveyors + bagging stations + flat storage + civil works & engineering;
- S.D.T.V grain and fertilizer terminals in Djibouti including two CSUs of pneumatic type NIV 300tph + 1 mobile harbor crane + conveyors + stationary and mobile bagging stations + flat storage + two mobile pneumatic conveyors T100D + civil work and engineering.
  VIGAN also delivered a few years ago two special mobile hoppers on rubber wheels with three bagging lines, last summer SDTV ordered three additional mobile bagging lines.
- The French port of Sète with one mechanical shiploader (800tph) and one CSU of pneumatic type (400tph);
- The Dry Bulk Terminal of Muuga Port in Estonia, with fertilizer handling and storage facilities including rail unloading station + belt conveyors and dome storage silos, recently choose again VIGAN's UK subsidiary AS-C Projects Limited based in Stockport, England for carrying out the third phase of expansion to its terminal. This third phase of expansion includes three new dome storage silos (total additional storage of 27,400 tonnes) plus associated intake and outloading belt conveyor systems. Completion is scheduled for June 2013.

Vigan masters both pneumatic and mechanical technologies:

- The NIV-named pneumatic continuous ship unloaders, the main advantages of which include: very little manpower is needed (one single operator); excellent hold cleaning efficiency; capacity variability from 160tph to 800tph; and its easy and low-cost maintenance.
  Two 'NIV 600tph' units are about to be shipped to Jeddah port in Saudi Arabia.
- The mechanical 'SIMPORTER' is well adapted for vessels up to Post-Panamax size and offers very high-capacity requirements of up to 1,500tph. It has the lowest energy consumption rate per unloaded tonne (0.2–0.45kWh/tonne) and is even more environment-friendly (no dust with a totally enclosed conveying, no noise, no material degradation as it is gently conveyed by a twin-belt system).
  Two units with a capacity of 1,000tph each are going to be commissioned in Tianjin port in China during this winter.

The diversity of VIGAN's range of equipment is key to the company's ability to offer high quality solutions to any project requirements, whether pneumatic or mechanical is preferred, or even a combination of both.

From the alloyed steels — which are produced by a sister company — used for all the metallic structures and parts, up to the pre-assembly in the factory, VIGAN's production remains Belgium-made.

This guarantees a most accurate control of the entire machine manufacturing and enables an easier and faster-response time after-sales support.