



Case Study

Floating Pneumatic Unloaders

Edited by on 22. Oct. 2023

[Published in bulk solids handling, Vol. 2 \(1982\) No. 2](#)

The unloading of bulk dry solids from ships is possible in a number of ways. Where fixed dock installations are contraindicated for one of several reasons a realistic solution is the use of floating unloaders, which can be moved from dock to dock and even port to port. This article describes a system available from REGGIANE and its recent installation.

In order to solve serious problems connected to cereal unloading from ships REGGIANE designed and supplied during the first months of 1981 four floating unloaders, each of them equipped with two pneumatic unloading units, for a total capacity of 500 t/h.

The fabrication of the four floating pontoons was carried out by a European company in this branch of production while REGGIANE took care of the project and fabrication of the pneumatic unloaders.

The floating unloaders are being used for cereal transshipment from bulk carrier ships of up to 100000 DWT to barges. Furthermore, it is possible to unload from oil tankers and loading may take place into hoppers placed on the dock and then road trucks or railway cars are fed from these.