

PROJECT SHEET - 1304

PORT CRANES: DERINCE PORT (TMO)

EQUIPMENT	Ship Loader
OPERATION MODE	1200tph (Grain)
CLIENT	Turkish Grain Board
CONTRACT TYPE	Revision
LOCATION	Derince / Turkey
COMMISSIONED	2014

ISKAR has completed revision works for one 1200 tph grain shiploader located in Derince Port, Turkey. The project covers design and manufacturing of a new loading boom, boom loading conveyor and dustless loading head chute. Engineering and modification of the complete cranes structure according to new stability is also covered by ISKAR.

As a part of this project, elder automation system was completely stripped out and brand new, state of the art automation system and software is developed and put into operation by ISKAR. During commissioning tests, dustless operation of the crane is certified by an accredited test lab and also confirmed by Kocaeli University Report.



ISKAR Muhendislik Ltd. is solution provider and turnkey contractor for the materials handling machinery sector, with a special focus on port and dock cranes. ISKAR offers innovative technological solutions and tailored state of the art cranes as per customer specs.



< BEFORE >

Customer and Port suffers from excessive dust creation during operation of ship loaders.

- Health Risk
- Operational Safety Risk
- Environmental Pollution
- Marine Pollution
- More Dust with Lighter Products

< AFTER >

*No dust creation during unloading.
Measure values below regulations.
Operators can see inside hatch.*

*Pure mechanical loading,
No reduction in loading capacity,
No additional filters and fan,
No operational cost.
No explosion hazard,*



Telescopic loading head in retracted position.



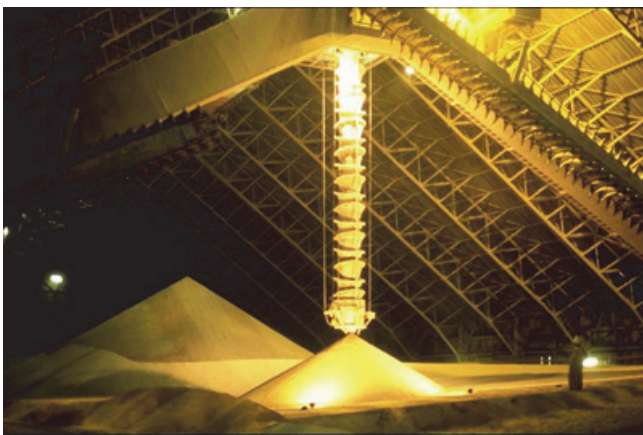
Dustless Bulk Loading Applications.



STOCKPILE - FIXED



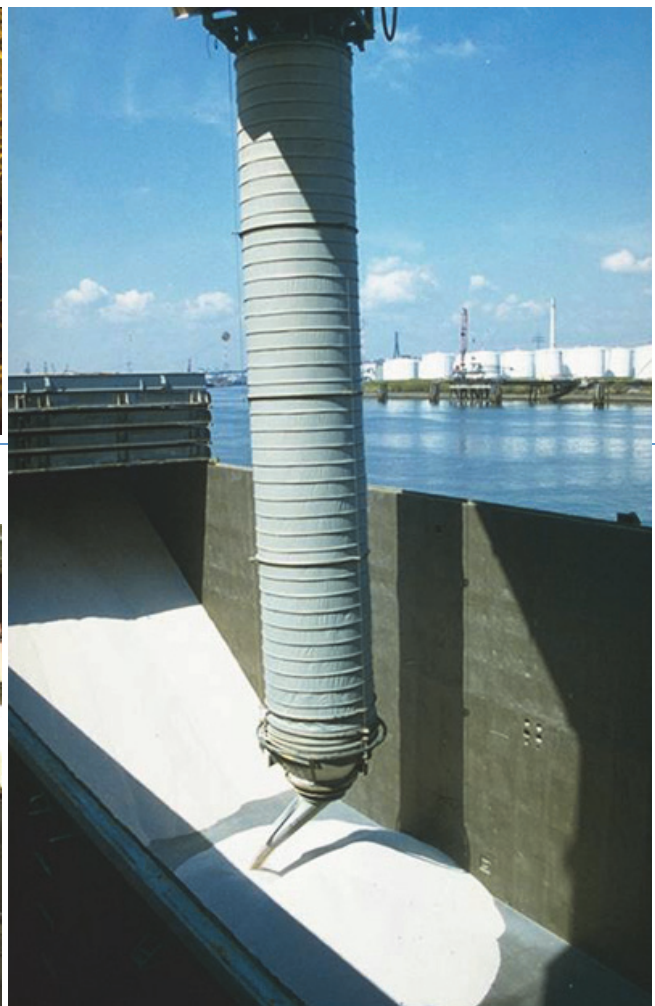
SHIPLOADER



STOCHOLE - TRAVELLING



TRUCK LOADING UNIT



SHIPLOADER