



MATRA
Servicios Industriales

Presentation MATRA SRL

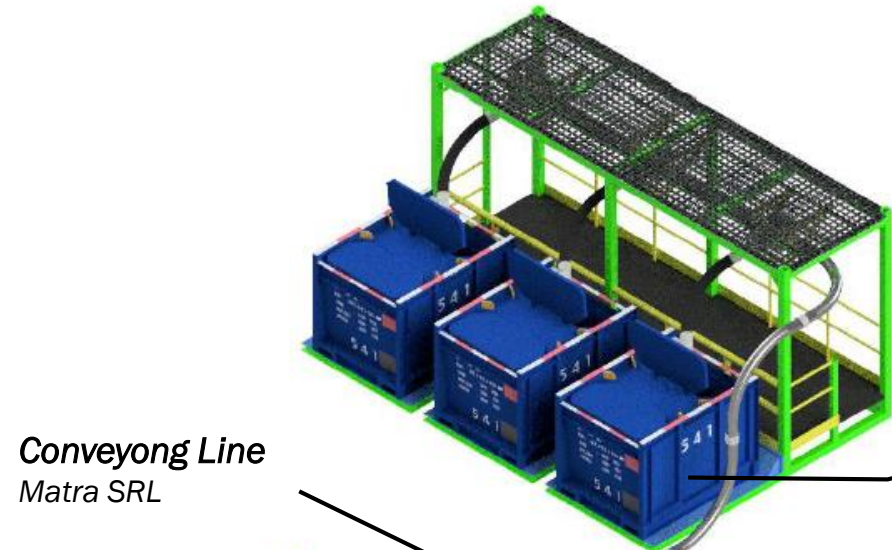
Applications and Engineering

August, 2019

Matra SRL
Antartida Argentina, Plottier
Neuquén, Argentina
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Pneumatic Conveying System

Alternative Solution for Drilling Cuttings Waste - Offshore Operations



Conveyong Line
Matra SRL



Pneumatic Transporter
Matra SRL

General Arrangement - Waste Management
Offshore Plant



2 Way Sliding
Hose Switch -
Matra SRL

Skip Station
Matra SRL

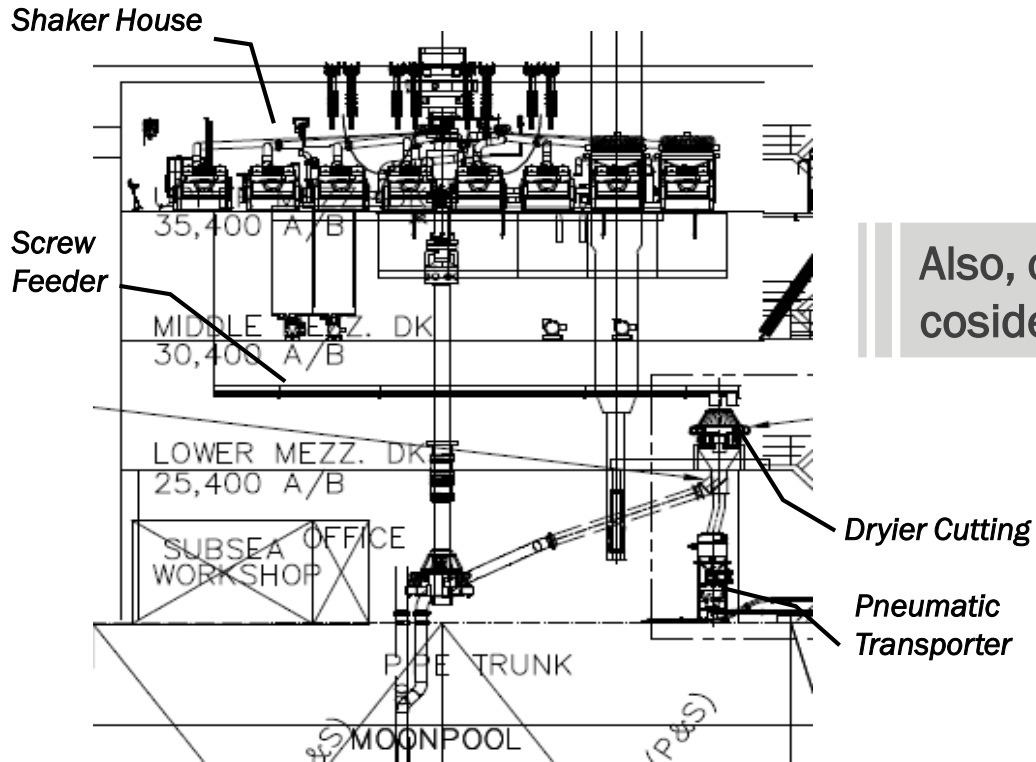
Cutting box
Client/Matra SRL

- ✓ We offer complete layout and desing
- ✓ Desing custom systems to fit specific needs,
- ✓ Providing outstanding field support services

Pneumatic Conveying System

Offshore Operations

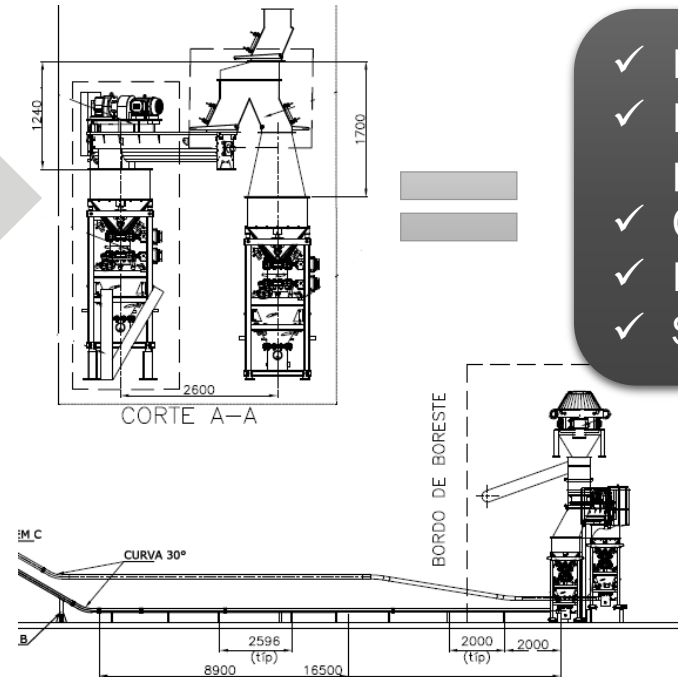
Alternative Layouts



Layout 1 - Cutting and Solids Handling on Drillship

Double Pneumatic Transporter

Also, can be considered...

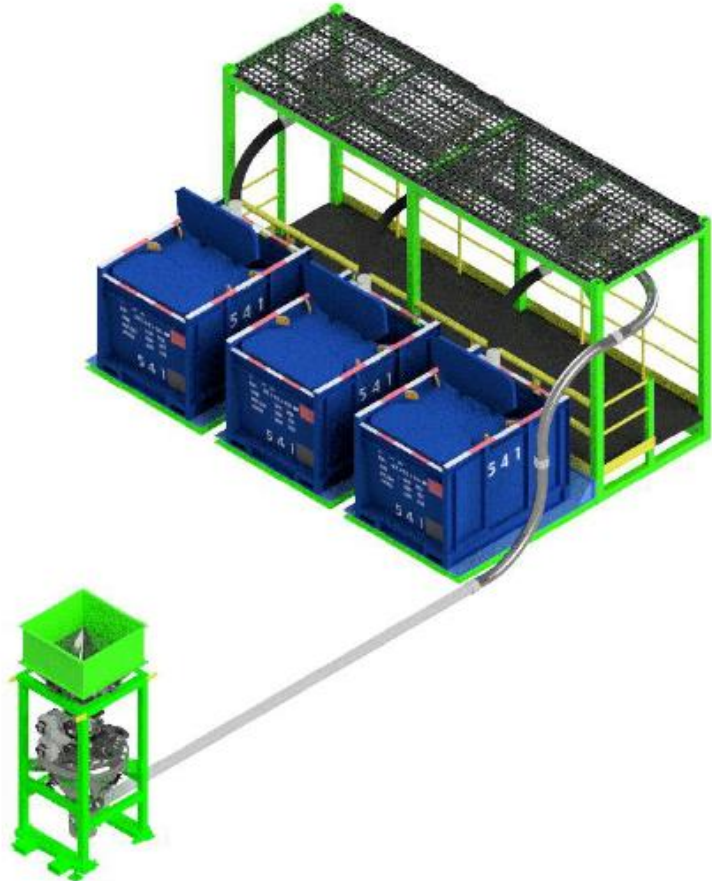


Layout 2 - Double Pneumatic Transporter for Cutting and Solids Handling on Drillship

- ✓ Increased Capacity
- ✓ Improved drilling system performance
- ✓ Contingency
- ✓ Reability
- ✓ Safety

Pneumatic Conveying System

Offshore Operations



General Arrangement - Waste Management
Offshore Plant



Chute From
Dryer/Centrifugue/
Shaker

Pneumatic
Transporter
Matra SRL

Conveying Line
Matra SRL

Offshore installation - Conveying Line and Pneumatic Transporter

Benefits

- ✓ *Improved cuttings handling & HSE*
- ✓ *Automatized System*
- ✓ *Reliability and performance operational*