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NEUERO

Questionnaire for the design of pneumatic NEUERO ship-unloading installations

We need: ☐ **Budget offer**   ☐ **Detail offer**

A) General

Place of operation: ....

Ambient temperature min.: ....°C, max.: .... °C

Max. air humidity: .... %

Max. wind velocity: .... m/sec

   or max. dynamic pressure: .... N/m^2

B) Conveying material and capacity

Material: ....

Bulk density: .... kg/m^3

Special properties:

☐ abrasive   ☐ adhesive   ☐ hygroscopic   ☐ bridging   ☐ fragile

(with several materials, please describe separately)

Capacity (nominal for wheat): .... t/h

Annual capacity: .... t/year

C) Execution

a) <u>On steerable rubber tires</u>

☐ pulled   ☐ self-propelled

Electrical-data of Diesel-generator:

     Voltage: V

     Frequency: .... Hz

Allowed ground pressure: .... N/m^2

Max. inclination of road: .... %

b) <u>On crane rails</u>

Travelling length: .... m

Rail section: ....Head-width: .... mm

Rail track: .... m

Allowed wheel pressure - water-side: .... N

Allowed wheel pressure - land-side: .... N

Clearance height: .... m

Pos. Of cable reel: ....

Discharge into: ☐ Quay conveyor   ☐ Railway wagon   ☐ Truck   ☐ Vessel

☐ ....

D) Electrical data

Voltage supply to gantry: .... kV

Operating voltage: ....V, ... Hz

Control voltage: V

Lighting: V

Protection inside IP ....outside IP ....

E) Local conditions
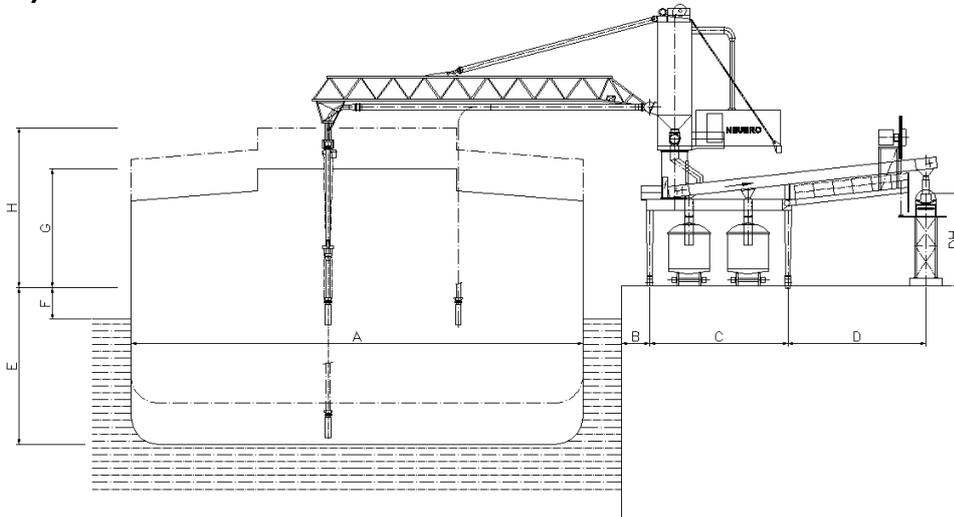
A = Width of the ship: ....m
B = Distance to first rail: ....m
C = Gauge: ....m
D = Distance wagon and/or belt conveyor: ..... m
DH= Height belt conveyor:……………………m
E = Total depth of the ship: ....m
F = Water level min.: .... max.: .... m
G = Min. height of the ship: ....m
H = Max. height of the ship: .... m

If possible, please submit sketch of local conditions!

F) Further details

- Ship-sizes
- Water-levels
- Pos. of quay-conveyor

Company: ....   Date: ....

Signature: ....