

# QUESTIONNAIRE

## Wheel Suction Dredger

### GENERAL INFORMATION

Name:\*

Job title:\*

Organization:\*

Street:\*

Postal Code:\*

City:\*

Country:\*

Phone:\*

Fax:

E-mail:\*


\* is required.

Please complete the non required fields in the next steps of this form to enable us to get back to you as accurate as possible.

### DREDGER

Capacity:

Production per hour in situ

m<sup>3</sup> In-situ/hour

Production per hour mixture

m<sup>3</sup> Mixture/hour

Propulsion:

Self Propelled

[yes/no]

Size:

Min.

Max.

Dredging depth:

[m]

Required Wheel power

[kW]

Operations:

Daily operating hours of vessel

[days]

Working days per year

[days]

Fuel autonomy

[days]

Number of crew working

[crew]

Number of crew sleeping on board

[crew]

Number of men per shift

[crew]

Duration of shift

[hours]

Number of shifts

[-]

Country of operations:

[-]

## DREDGING SITE

### Operation Area:

Coastal areas:	<input type="text"/>	[-]
Rivers:	<input type="text"/>	[-]
Inland waterways:	<input type="text"/>	[-]

### Ambient Conditions:

Ambient temperature:	<input type="text"/>	[°C]
Water temperature	<input type="text"/>	[°C]
Wind forces:	<input type="text"/>	[Beaufort]
Wave height:	<input type="text"/>	[m]
Current:	<input type="text"/>	[m/s]

### Project Work:

Maintaining waterways	<input type="text"/>	[yes/no]
Reclamation	<input type="text"/>	[yes/no]
Mining	<input type="text"/>	[yes/no]
Production per year	<input type="text"/>	m <sup>3</sup> In-situ/year
Production per hour	<input type="text"/>	m <sup>3</sup> In-situ/hour

### Soil Characteristics:

	Grain size (d50)	
Clay:	<input type="text"/>	[mm]
Gravel:	<input type="text"/>	[mm]
Sand:	<input type="text"/>	[mm]
Silt:	<input type="text"/>	[mm]
Mud:	<input type="text"/>	[mm]
Other Material:	<input type="text"/>	[mm]
Density of soil on sea bottom	<input type="text"/>	[mm]
Type of soil:	<input type="text"/>	[free flowing / firmly packed]
Large stones or other obstacles such as tree trunks expected?	<input type="text"/>	[yes/no]

## DREDGER OPTIONS

### Swivelbend:

Swivelbend connection	<input type="text"/>	[yes/no]
Discharge distance:	<input type="text"/>	[m]
Discharge height (geodetic):	<input type="text"/>	[m]
Discharge pipe diameter	<input type="text"/>	[mm]

### Power Generations:

Diesel - Direct drive	<input type="text"/>	[yes/no]
Diesel - Electric drive	<input type="text"/>	[yes/no]
Pump and Propulsion shared drive	<input type="text"/>	[yes/no]
Shore power connection	<input type="text"/>	[yes/no]
Shore power voltage	<input type="text"/>	[kV]

### Fuel:

HFO	<input type="text"/>	[yes/no]
MDO	<input type="text"/>	[yes/no]
LNG	<input type="text"/>	[yes/no]
Electric from shore	<input type="text"/>	[yes/no]

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Diesel - Electric drive	<input type="text"/>	[yes/no]
Pump and Propulsion shared drive	<input type="text"/>	[yes/no]

### Fuel:

HFO	<input type="text"/>	[yes/no]
MDO	<input type="text"/>	[yes/no]
LNG	<input type="text"/>	[yes/no]

### Engine make preference:

[-]

### Automation:

DMS	<input type="text"/>	[yes/no]
DCMS	<input type="text"/>	[yes/no]

### Classification Society:

[-]

### Rules and Regulations:

MARPOL	<input type="text"/>	[yes/no]
COLREG	<input type="text"/>	[yes/no]
IMO	<input type="text"/>	[yes/no]
Other:	<input type="text"/>	

### Discmountability:

Dismountable for road transport:	<input type="text"/>	[yes/no]
Maximum dimensions of components:	<input type="text"/>	[m x m x m]
Maximum weights of components:	<input type="text"/>	[ton]

## REMARKS

### Name:

### Date / Time: