



## Welcome to Royal Wagenborg

Whatever transport is important to your business: Royal Wagenborg has been looking for the most intelligent and reliable transport solutions for more than a century. Royal Wagenborg finds them with committed people and state of the art equipment. Wagenborg, a sign of solutions since 1898.

As an international offshore specialist and with many years of experience in the global oil and gas transport business, Wagenborg Offshore has committed professionals at its heart, carrying out complex logistic projects worldwide.

Wagenborg Offshore is a specialist in shallow water transport and has been operating in the Caspian Sea for decades with its dedicated vessels. The company also has vast experience and knowledge of ice navigation in Baltic and Scandinavian waters.

Wagenborg Offshore has state-of-the-art equipment and technologies that comply with the highest quality industry standards.

## WAGENBORG 102

**The Ice Classed Barge Wagenborg 102 is an unmanned and non-self propelled barge. The Barge has four holds for transporting drill cuttings, four tanks for liquid mud and another 2 tanks for oily wastewater.**

### GENERAL

Owner	Wagenborg Kazakhstan Delfzijl, The Netherlands
Yard	Ravestein BV, Deest
Classification	Bureau Veritas: I 3/3 (-) *Special Service/Multi purpose pontoon/NP. Deep Sea, Grab loading Finnish/Swedisch: Ice class 1A Super, Re-classed Russian Maritime Certificate of Registry: KE*

### DIMENSIONS

Length over all	71.2 m
Breadth over all	16.7 m
Depth moulded	5.5 m
Draught Max	3.8 m
Gross tonnage	1,5688 t
Displacement at max draught	3038 t
Deadweight	2.450 m/t

### MACHINERY

2 x Caterpillar Generator set Type 3408 C DI-TA 412 HP (307 kW) at 1.500 rpm
1 x SISU-VALMET generator set Type: 320 DG; 41 HP (32 kW) at 1.500 rpm

### TRANSFER PUMPS

Oily wastewater pump	100 m <sup>3</sup> /h
Ballast pump	100 m <sup>3</sup> /h
Liquid mud pump	100 m <sup>3</sup> /h
Bulk compressor	75 t/h

### CARGO CAPACITY

Liquid mud tanks	638 m <sup>3</sup>
Cuttings	808 m <sup>3</sup>
Oily wastewater	347 m <sup>3</sup>
Cement/barite	540 m <sup>3</sup>
Deck space	325 m <sup>2</sup>
Deck space load	10 t/m

### SPUDPOLES

The barge is equipped with two spudpoles which, 1 SB fore and 1 PS aft. The poles can be used in shallow water only with a maximum water-depth of 5 mtr.

### ANCHORS

The barge is equipped with 5 x 1 Ton Delta Flipper anchors, 3 on the foreship (PS, center, SB) and 2 on the aft-ship (PS and SB), only 4 anchors can be handled at the same time.

### ACCOMMODATION

Emergency shelter