


**sign of solutions**

## 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.

Wagenborg Towage engages in towing, hoisting, lifting, transporting and salvaging objects. The company has its own tugs to 56 tons BP, pontoons to 20,000 tons DWT, its own sheerleg and salvaging equipment. Our knowhow and experience guarantees fast and efficient availability of its equipment and staff.

## WAGENBORG TOWAGE

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[www.wagenborg.com](http://www.wagenborg.com)

## WATERMAN

### GENERAL

Name	Waterman
Owner	Wagenborg Towage
Type	Mandal Båtservice Verft
Classification	Lloyd's register
Call sign	PBJU
IMO	8714267
Port of Registry	Delfzijl, The Netherlands
Flag	Dutch
Built	1988

### MAIN DIMENSIONS

LOA	33,34 m
BOA	10,0 m
Draught (mld.)	4,6 m

### TONNAGE

GT	429
NT	128
Bollard Pull	60t

### TANK CAPACITIES

Fuel Oil	168 m <sup>3</sup>
Oil recovery	66 m <sup>3</sup>
Fresh Water	47 m <sup>3</sup>

### RADIO & NAVIGATION

Radars	Furuno FR-2110 10 cm Furuno FR-803D 3 cm
ECDIS x 2	Maris
GPS	Furuno GPS 90
Gyro	Anschultz 110-106
Autopilot	Robertson AP9
Echo Sounder	JRC FE 881
Doppler Log J	RC JLN 203

### MAIN EQUIPMENT

Main Engines	2 x MaK Diesel 8M332
Horse Power Rating Total	Continuous Output at 1050 rpm
Generators	2 x Volvo Penta TD121CHC @ 260 BHP
Electric Power	2 x Stamford Generators @ 200
kWSpeed Propellers	2 x Liaaen Compass Thrusters TCN 92/68-250

### DECK EQUIPMENT

Towing Winch Forward	45 t pull 150 t brake hydraulic combined windlass type: Karm
Towing Winch Aft	60 t pull 150 t brake hydraulic
Towing Hook	60 t SWL type Mampaey
Lines Forward	1 x 110m 58mm Strongline, MBL 184 t
Lines Aft	1 x 850m 52mm wire, MBL 167 t
Capstan	3 t pull, type: Karm
Deck Crane	6 t @ 10 m, type: Effer
Towing Pins	Hydraulic towing pins wire stopper type: Karm
Stern Roller	100 t SWL
Satellite telephone	0088 164 1438 689