

bluwater

FPSO

# Hæwene Brim



# Specifications Hæwene Brim

## The FPSO main features

The Floating Production Storage and Offloading (FPSO) was built as a Multi-purpose offshore unit. The hull design, including fatigue life and longitudinal strength, is suitable for operation in harsh environment areas like the North Sea. The disconnectable Turret Mooring System is suitable for operation in areas with hurricanes/ typhoons.

Operation under UK Safety Case.

ISO 9001 and ISO 14001 compliant

There is deck space available for additional process modules.

## General

<b>Port of Registry</b>	Curacao, Willemstad
<b>Flag state</b>	Netherlands Antilles
<b>Converted to FPSO</b>	Samsung Heavy Industries Co., South Korea, 1998
<b>Classification Society</b>	DNV-GL
<b>Class Notation</b>	+ 1A1 Ship-shaped Oil production storage unit, ECO, F (A M C), HELDK (S H), POSMOOR, TA

## Principal dimensions

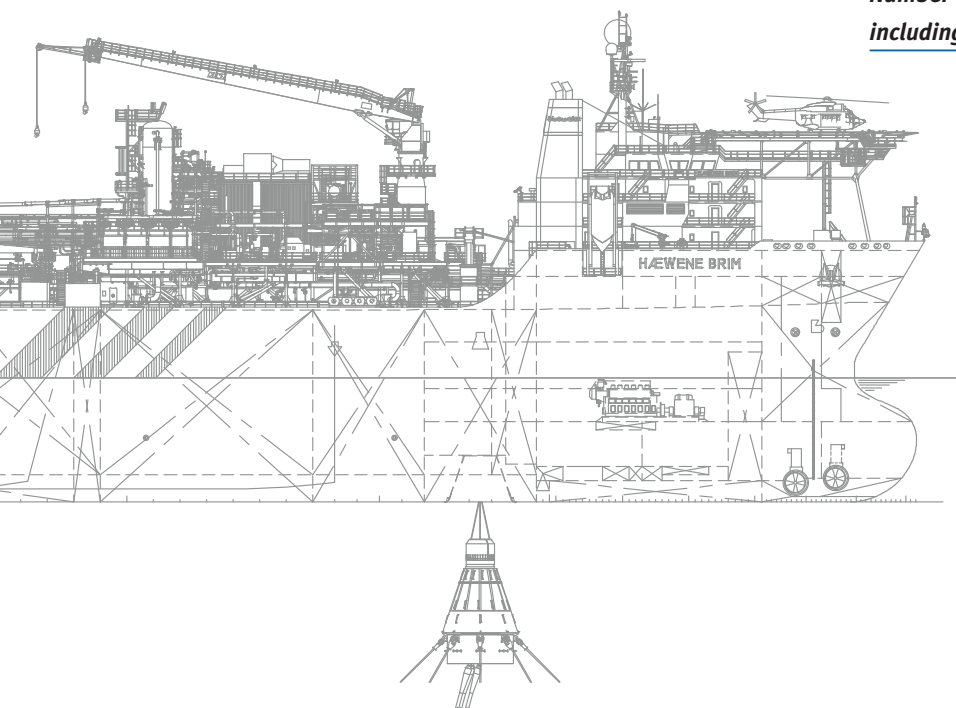
<b>Deadweight [Tonnes]</b>	103,854
<b>Hull type</b>	Double hull Aframax size suitable for North Sea
<b>Dynamic Positioning</b>	DP1
<b>Storage capacity excl. slops</b>	626,000 bbls (99,570 m <sup>3</sup> ) in 18 Cargo Oil Tanks (98%)
<b>Offloading</b>	Tandem offloading
<b>Accommodation</b>	73 persons
<b>Helicopter deck</b>	EH101 max 14t D value 22.8m

## Topsides data

<b>Total fluids capacity</b>	75,000 bpd
<b>Crude production</b>	60,000 bpd
<b>Produced water</b>	40,000 bpd
<b>Water injection</b>	95,000 bpd
<b>Seawater treatment</b>	95,000 bwpd
<b>Gas compression</b>	110 MMscfd
<b>Gas treatment</b>	110 MMscfd (dehydration)
<b>Material selection</b>	NACE MR 01-75
<b>Power generation</b>	4x 5.2 MW dual fuel Diesel Generator
<b>Topsides motor drives</b>	Electric motor and Gas turbine

## Turret mooring data

<b>Turret type</b>	Disconnectable internal turret 8x1 Mooring system
<b>Number of riser slots including umbilicals</b>	8



**Bluewater Energy Services B.V.**  
Taurusavenue 46  
2132 LS Hoofddorp  
the Netherlands

Phone: +31 (0)23 711 5500  
Email: [info@bluewater.com](mailto:info@bluewater.com)  
[www.bluewater.com](http://www.bluewater.com)