

# AQUARIUS



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For further information: [www.aquadrilloffshore.com](http://www.aquadrilloffshore.com)

### GENERAL

Design	GVA 7500
Built Year	DSME/2009
Flag	Panama
Classification	DnV
Class notations	Drill (N), Heldk, E0, Dynpos Autro Posmoore ATA, Crane

### MAIN DIMENSIONS TECHNICAL

Length	116.5 m.
Breadth	96.6 m.
Max water depth	3,000 m.
Min. water depth	100 m (anchored)
Drilling depth	10,000 m.
Variable deck load	7,000 MT
Propulsion	8 x 3450 KW thrusters
Transit speed	6 knots
Helideck	Sikorsky S61/S92
Accommodation	180 persons

### DRILLING EQUIPMENT

Derrick	907 MT
Drawworks	Wirth 4500
Racking capacity	11,400 M. 6 5/8" DP
Top Drive	2 x 857 KW, 907 MT
Iron Roughneck	AKMH
Rotary Table	60 1/2"
Motion compensation	MH active/passive
Riser tensioner	6 x 270 MT
Guideline tensioner	N/A

### STORAGE CAPACITIES

Fuel	3380 m3
Drill water	2600 m3
Potable water	520 m3
Liquid mud	2470 m3
Base oil	620 m3
Brine	670 m3
Barite/Bentonite	620 m3
Cement	280 m3

### POWER

Main engines	8 x Wartsila 12V32
Main generators	8 x ABB – 4700 KW
Total power	37.7 MW
Emergency power	Main engines (DP 3)



### WELL CONTROL

Diverter	Hydril FS 21-500 psi
BOP	Cameron - 18 3/4" 15K
C&K manifold	Techdrill-15K

### MUD SYSTEM

Mud pumps	4 x Wirth TPK – 2200 HP
Pressure rating	7,500 psi
Shale shakers	6 x Swaco BEM 650

### LIFTING EQUIPMENT

Deck crane	Liebherr BOS 4200-80
Deck crane rating	80 MT
Pipe handling crane	MH Knuckle boom

### RISER SYSTEM

Type	Cameron
Length of joints	75 ft
Min. ID	19 1/4"
K&C lines	4 1/2" ID – 15K

### BOP/RISER HANDLING

BOP crane	2 x 75 Mt
Riser crane	1 x 40 MT
BOP skid	520 MT
Xmas tree crane	2 x 100 MT
Xmas tree skid	200 MT

### STATION KEEPING

DP class	DP 3
DP control system	Kongsberg
Anchor chain	Not installed
Anchors	Not installed