

AQUARIUS



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For further information: 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