



Jack-up Production Module

Volve

Volve is an integrated production module located on The Maersk Inspirer – an ultra harsh environment jack-up rig – in the Volve oilfield off the coast of Norway, 220 km from Stavanger. The process module is capable of producing 56,000 barrels of oil and 53 million cubic feet of gas per day.

MAERSK INSPIRER

Ultra Harsh Environment Jack Up Rig built in 2004. Production module installed in Haugesund, Norway.

Number of Wells	13 (15)
Oil Export:	9,000 Sm ³ /day
Gas Export:	1,500,000 Sm ³ /day
Water Injection:	16,000 Sm ³ /day
Gas Injection:	1,500,000 Sm ³ /day

Main Particulars

KEY SPECIFICATIONS

Oil export	9,000 Sm ³ /day
Gas export	1,500,000 Sm ³ /day
Water injection	16,000 Sm ³ /day
Gas injection	1,500,000 Sm ³ /day
Power generation	24 MW
Production module	Vetco Aibel
Export risers	NKT
Turret	APL
Sub sea installation	Stolt

JACK-UP

Type

MSC CJ70-150 MC, ultra harsh environment jack-up

Year of construction

2004

Class

Det norske Veritas

Work area

Harsh environment areas

Hull dimension

88.8 m x 102.5 m x 11.5 m
(291.3 ft x 336.2 ft x 37.7 ft)

Length of legs

205.3 m (673.4 ft)

Rated water depth

150 m (492 ft)

Rated drilling depth

9,144 m (30,000 ft)

Variable load

Up to 10,000 t, including hook load

Cantilever reach

27.5 m x 10 m x 10 m
(90.2 ft x 32.8 ft x 32.8 ft)

Power supply

4 MAN-B&W Holeby 9L27/38

Well control equipment

15,000 psi hp/ht

Cranes

3 Kenz EHC 100/3500 OS

Cement pump

15,000 psi (on free placement)

Hoisting equipment capacity

2,000,000 lbs (static hook load)

Draw works

1 Varco AHS-100, 4,600 hp

Top drive

1 Varco TDS-8SA

Mud pumps

3 Wirth TPK 2200, 1 Wirth TPK 800

Bulk mud capacity

250 m³ (8,829 ft³)

Bulk cement capacity

250 m³ (8,829 ft³)

Liquid mud capacity

6,793 bbls, holding 3,000 bbls, slurry 1,800 bbls

Accommodation

120 persons

Delivery

2004