

CJ46-S

Shallow draft solution



Cantilever reach

70x40 FT
21.3 x 12.2 m

Large variable load

9,200 KIPS
4,200 T

Large usable deck area

23,700 SQFT
2,200 M²

Leg design

STURDY X-BRACING

Maximum water depth

375 FT
114.3 m

CJ cantilever drilling jack-up

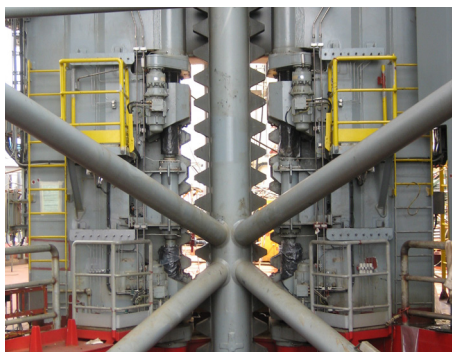
The CJ46-S is a three legged cantilever type jack-up drilling rig which is part of the well-established GustoMSC CJ series. The series consists of seven distinct types for moderate and harsh environment designs. The CJ46-S is the most capable and efficient drilling jack-up for operations in water depths up to 375ft for worldwide operations. The innovative X-Y skidding system provides a large drilling envelope of 70x40ft.

The CJ series further consists of the CJ43, CJ50, CJ54, CJ58, CJ62, CJ70 & CJ80.

Features

- Shallow draft solution:
 - Design draft XXX ft / XXX m
 - Best overall structural capability
 - Large variable load in all conditions
 - High drilling efficiency
 - Large drilling envelop due to X-Y cantilever skidding system
- Sturdy leg bracing system
- Large free deck area Designed for survival

The CJ series can be fully customized to owner's specific requirements



GustoMSC Fixation system

Main characteristics

Hull	
Hull length	65.25 m (214 ft)
Hull width	62.00 m (203 ft)
Hull depth	8.0 m (26.2 ft)
Design draft	5.0 m (16.4 ft)
Leg centres	
- Transvers	46.00 m (151 ft)
- Longitudinal	40.00 m (131 ft)
Accommodation	120 persons
Legs	
Type	triangular open truss, X-braced
Overall length (max.)	153.8 m (504.6 ft)
Footing area	150 m ² (1,615 sqft)
Fully retractable spudcan	
Cantilever	
Maximum reach	
- Longitudinal	21.33 m (70 ft)
- Transverse	12.2 m (40 ft)
Combined load	680 t (1,500 kips) at 70 ft full transverse reach
Deck	
Cranes	3 x 50 t, mounted to jacking structure
Helideck	suitable for S61N or S92 Helicopter

Power plant

Main power	5 x 1,720 hp diesel generators
Emergency power	1 x 1,720 hp diesel generator



GustoMSC Jacking system

GustoMSC supplied equipment

Fixation systems	18 systems
Jacking systems	3 layers of 18 pinions
Cantilever X-Y skidding system	1 system

Drilling equipment

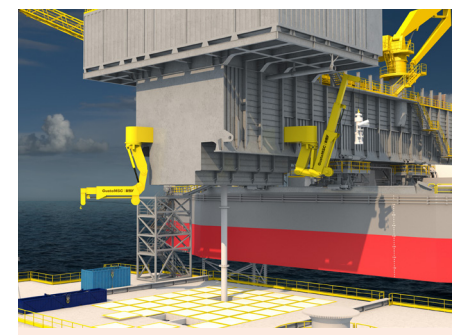
Drilling depth	30,000 ft (9,144 m)
Derrick	170 ft, 35 x 40 ft base
Top drive	1,500 kips
Rotary table	49.5 inch, hydraulic-driven
Draw works	4,600 HP
BOP	18-3/4 inch, 15,000 psi
Diverter	49.5 inch, 500 psi
Kill and Choke Manifold	15,000 psi
Mud pumps	3 x 2,200 HP



GustoMSC Cantilever X-Y skidding system

Classifications, Regulations

DNV GL or ABS Self-elevating drilling unit
IMO MODU code
SNAME-RP T&R 5-5A



Chela cranes - a cost competitive SIMOPS solution

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