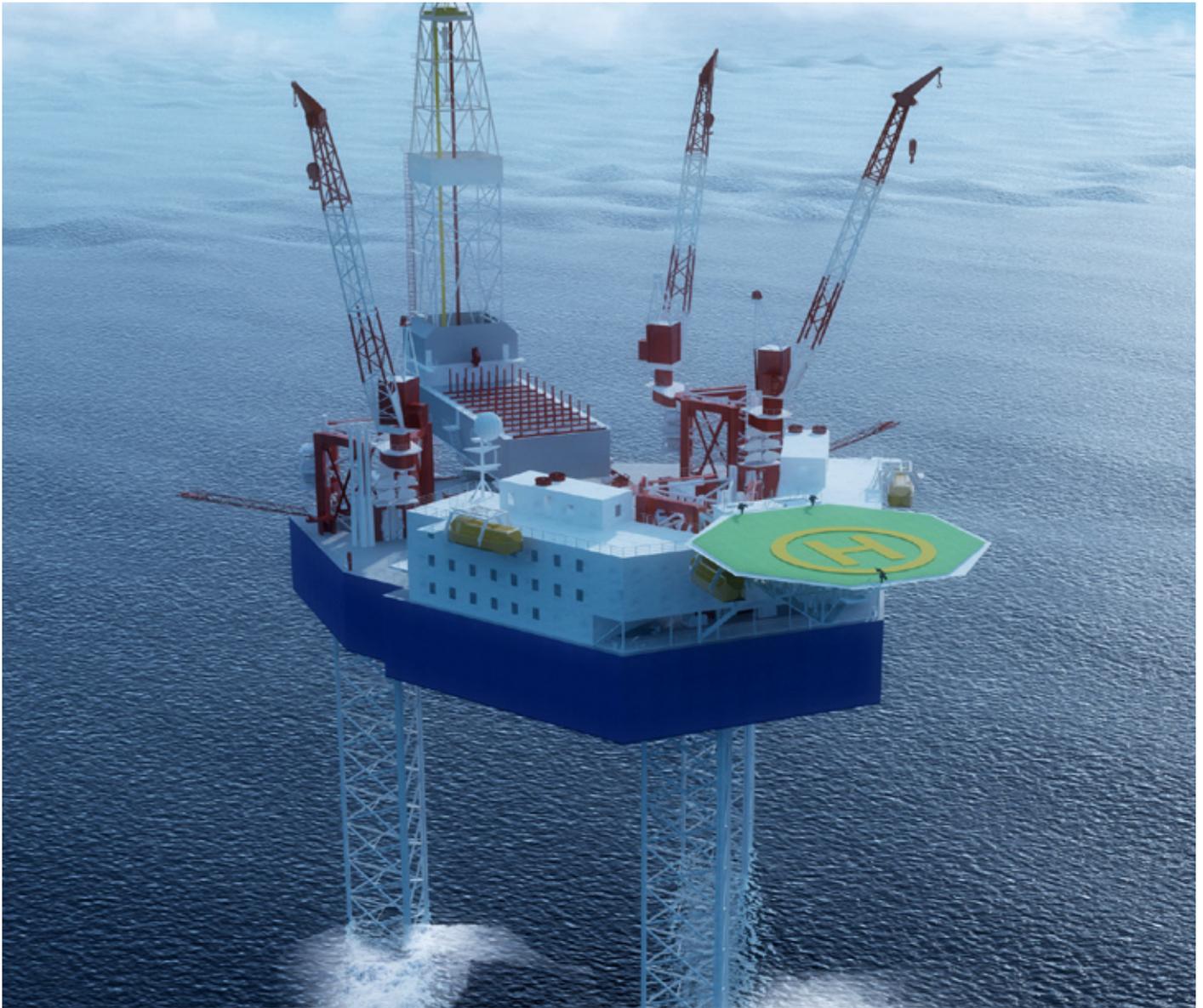


CJ46-X100D

Drilling Jack-Up Unit



The CJ46-X100D is part of the GustoMSC CJ series of Jack-Up designs. Nine of these units are currently operating worldwide, with another eight under construction.

CJ46-X100D is designed for 350ft water depth and moderate environmental conditions, with the possibility to upgrade to 375ft water depth. It consists of an almost

triangular pontoon-shaped hull with three open truss legs. The legs are driven by three rack and pinion type jacking systems and secured by three fixation systems.

The Jack-Up is equipped with permanent accommodation for 100 - 120 persons, a helicopter deck suitable for the use of an S61N helicopter and the GustoMSC patented

X-Y cantilever. The cantilever has a full 1,500 kips capability over the complete drilling envelope of 70ft longitudinal reach and 40ft transverse reach, with an increased capability of 2,500 kips up to 50ft longitudinal reach. The rated drilling depth of the drilling package is 30,000ft.

CJ46-X100D

Drilling Jack-Up Unit



MAIN PARTICULARS

Hull Main Dimensions

Length :	65.25 m
Breadth :	62.00 m
Hull depth :	7.75 m
Design draft :	4.50 m
Aft leg C to C :	46.00 m
Aft leg C.L. to Fwd leg C :	40.00 m

Leg & Spud Cans

Number of legs :	3
Type of legs :	Triangular open truss inclusive X-braced structure
Size :	10 m chord centre to centre
Overall Length (inclusive footing) :	148 m

Design Criteria

Elevated Survival Design Condition	
Significant Wave Height :	13.72 m
Wave Period :	15 sec
Wind Velocity :	51.0 m/sec
Current :	0.51 m/sec
Water Depth :	114.3 m

STORAGE CAPACITIES

Main Deck Pipe Rack :	500 Ton (1,100 kips)
Cantilever Pipe Rack :	360 Ton (800 kips)
Variable load :	3,500 Ton (7,692 kips)

DRILLING

Cantilever & Drill Floor

Type :	GustoMSC X-Y skid system
Reach :	21.33 m (70 ft)
Combined load :	> 680 t (1,500 kips)

Drilling Equipment

Mud Pumps :	3 x 2,200HP
Rotary Table :	49.5 inch Hydraulic-Driven
Derrick :	160 ft, 35 x 35 ft base
Design Temperature :	-10°

EQUIPMENT

Outfit Equipment

Accommodation :	100 men
Main Generators :	5 x 2,150 kVA
Emergency Generator :	1 x 2,150 kVA
Skidding system :	7,200 t
Cranes :	3 x 50 t @ 9.2 m
Helicopter Deck :	Suitable for use of an S61N helicopter

Jacking systems

Number :	3 x 3 x 6 pinions
Effective jacking :	215 t per pinion
Pre-load jacking :	296 t per pinion
Jacking speed :	0.45 m/min