

# Maersk Reacher

## Jack-up drilling unit

**Owner** Maersk Drilling, Denmark  
**Builder** Keppel FELS, Singapore  
**Delivered** 2009

### Description

Three-legged X-Y cantilever jack-up drilling unit, GustoMSC type CJ50-X100-MC.

### Classification

ABS, #1A1 Self-elevating drilling unit

### Main dimensions

Length hull	70 m
Breadth hull	68 m
Depth hull	9.5 m
Design draft	5.75 m

### Survival conditions

Water depth	106 m
Air gap	15.24 m
Wave height	18.30 m
Current	0.51 m/s
Wind speed	51.4 m/s
Spudcan penetration	3 m

### Main tank capacities

Fuel oil	540 m <sup>3</sup>
Drill water	875 m <sup>3</sup>
Potable water	440 m <sup>3</sup>
Liquid mud	1,000 m <sup>3</sup>
Bulk mud	300 m <sup>3</sup>
Bulk cement	200 m <sup>3</sup>
Brine	500 m <sup>3</sup>
Non toxic oil	250 m <sup>3</sup>

### Variable and combined load

Variable and combined load operational	4,500 t
Combined drilling load:	
• Survival	300 t
• Operating at 70 ft	675 t
• Operating at 50 ft	1,200 t

### Legs

Leg length	146.3 m
Leg diameter	12 m
Spudcan area	170 m <sup>2</sup>



### Jacking system

Number of pinions	54
Make	OTD

### Fixation system

Make	GustoMSC
Type	7500

### Cantilever system

Type	GustoMSC X-Y
Longitudinal reach	21.3 m
Transverse reach	14.0 m

### Accommodation

120 persons

**Drilling equipment**

Drilling depth	9,150 m
Derrick	210 ft - 1,500 kips
Draw works	4,500 hp
Top drive	1,500 kips
Well control equipment	15,000 psi
HP/HT	
Mud pumps	3 x 2,200 hp

**Machinery/equipment**

Main generator sets	4 x 2,000 kW
Deck cranes	1 x 50 t, 1 x 40 t

**GustoMSC services**

GustoMSC provided the basic design package, including ABS approval, and supplied the fixation and X-Y cantilever skidding systems.

**Sister units**

Maersk Resilient	2008
Maersk Resolute	2008
Maersk Resolve	2009

*Data presented in this product sheet is for information only. Unit specific specifications as provided by the Owner shall prevail.*