

Buzzard

Jack-up for civil construction

Owner GeoSea, Belgium
Builder De Biesbosch, the Netherlands
Delivered 1982

Description

Four-legged self-elevating pontoon GustoMSC type 1250.

Main dimensions

Length hull	43.0 m
Breadth hull	30.0 m
Depth hull	4.2 m
Design draft	2.7 m
Leg length incl. footing	65.0 m
Leg footing	25 m ²

Classification, regulations

ABS	A1 self-elevating unit
IMCO	tanker safety and poll pr '78
IMCO	code for construction and equipment of mobile offshore drilling units

Jacking system

Number	4
Design	GustoMSC
Type	hydraulic positive engagement
Size	1,300 t active preload

Variable load

• Construction	1,400 t
• Accommodation	1,300 t
• Maintenance and repair	1,300 t

Survival conditions, combined

Water depth	40.0 m
Air gap	6.9 m
Wave height/ period	10.0 m/10 s
Surface current	1.5 m/s
Wind velocity (1 min sust)	35.0 m/s
Max leg penetration	2.0 m

Towing condition

For location move and ocean tow legs are fully retracted. 65 m leg length allows 6 degrees roll and pitch at unit natural frequency. 40 m leg length allows 15 degrees roll and pitch at 10 seconds period.



GustoMSC services

GustoMSC provided basic design, applying the GustoMSC positive engagement hydraulic jacking system. Furthermore, GustoMSC executed building survey and provided qualified assistance for commissioning and testing. GustoMSC provided the services required to obtain Classification.

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

The Netherlands

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