



## «PACIFIC ENGINEERING COMPANY»

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### **Jack-up mini drilling platform «MINI-SPBU 001»**



*Technical specification*

## JU «MINI-SPBU 001»



Jack-up mini drilling platform «MINI-SPBU 001» is designed for drilling of engineering-geological boreholes, performance of geotechnical surveys in boreholes within the tidal area of the aquatorium shelf at the water depth from 0.4 to 3.5 m.

“MINI-SPBU 001” is equipped with a drilling rig. For CPT and SPT tests a USZ-ZBT unit and dynamic sounding equipment are installed on the platform.



<b>Register data</b>	
Vessel name	JU "MINI-SPBU 001"
Shipowner	Pacific Engineering Company Ltd.
Year of manufacture	2019
<b>Specifications</b>	
Type of the drilling rig	Modular drilling rig with the gasoline engine Honda GX 690
Feed speed, mm	1400
Spindle rotating speed, r/min	70-650
Rotation torque, max, kgf x m	150
Feed rate, m/s: - during tripping operations - during drilling	0.4 0.1
Feed force, kgf: - up - down	1500 1500
Drill pipe length (auger), mm	1000
Winch capacity, kgf	400
Engine capacity, kW	17.6

Overall dimensions in the operative position (height/width/length), mm	2000/1550/2590
Drilling diameter	76/93/112/132 mm
Reference drilling depth, m: - with augers Ø 100 mm - dry core drilling Ø 112/132 mm - wash core drilling Ø 76 mm - wash core drilling Ø 112/132 mm	up to 25 m up to 25 m up to 50 m up to 30 m
<b>Platform</b>	
Pontoon type	Catamaran
Displacement	12 m <sup>3</sup>
Draught	0,4 m
Method of stabilization on soil	Method of stabilization on soil
Method of the drilling platform lifting	hydraulic drive
Length, breadth, height	4,3 x 4 x 0,8 m
Weight	4000 kg
Working area	Nearshore areas, bays and gulfs including drying zones, ports and sea terminals
Navigation area	Nearshore areas, bays and gulfs, harbors, ports, lakes
Maximum operating water depth, m	Up to 3.5 m
Minimal operating water depth, m	0,5 m.
Life saving equipment	Work vests - 6 pcs., Soft life-saving rafts 6 seats – 1 pc, Ring life buoys - 2 pcs.



Drilling rig



Towing platform



Loading platform