

w.semi™ Floater for Large Wind Turbine

Key Features

- Water depth of 60+ m
- Large turbine (12+ MW)
- Deployment in harsh environment
- Modular fabrication for transportation and afloat assembly
- Optimized steel hull
- Catenary mooring systems
- AIPs from ABS and DNV

Main Parameters

Environment

Significant wave height 50-yr	>10 m
Wind speed at turbine hub 50-yr	>50 m/s

Wind Turbine

Rated power	12+ MW
Diameter of turbine blades	260 m

Floating Platform and Mooring System

Column Spacing (center to center)	72.0 m
Side length of the hexagon-shaped column	8.2 m
Depth moulded	33.0 m
Breadth moulded	93.3 m
Draft at in-place condition	17.0 m
Draft of floater with wind turbine when towing	10.0 m
Mooring System	3×2 catenary

