



MCPG.

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Motion Compensated Pile Gripper

MONOPILE DIMENSIONS

Diameter bottom	min. 7 m - max. 13 m
Diameter top	min 6.5 m - max. 9 m
Length	min. 60 m - max. 120 m
Weight	max. 3,500 t

REQUIRED OPERATIONAL WORKABILITY

Water depth	min. 20 m - max. 65 m
Design Hs	2.5 m
Tp	min. 3 s - max. 12 s,
Current	3 kn
Wind	operational 20 m/s (10' mean @ 50 m)
Maximum total load in all directions	500 t (incidental) 250 t (continuous active push/pull) 350 t (exceptional active push/pull)

INSTALLATION ACCURACY

Verticality/inclination of MP (in any direction)	0.2°
Max. elevation deviation of top of monopile from design elevation	0.05 m
Max. radial deviation from plan location	+/-1 m
Max. deviation from target position (heading)	2.5°

OTHER FEATURES

Electric motion compensation
Yaw compensation min. 8°
NMS system 17 winches: HSD & AdBm ready
Integrated survey system
Operational control center
Bolted deck interface for fast (de)mob

