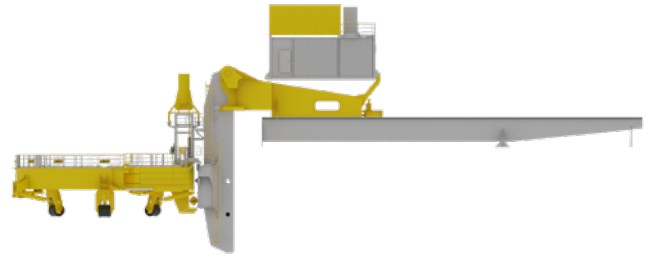




MGo1

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Monopile Gripper



TECHNICAL SPECIFICATIONS

Minimum pile diameter	5.4 m
Maximum pile diameter	10 m
Minimum pile diameter (rotation)	7.2 m
Maximum horizontal side load	200 mt
Maximum MP contact pressure	14 MPa
Stroke (longitudinal, gripper above deck)	7 m (6.5 m - 13.5 m from hull)
Stroke (longitudinal, gripper lowered)	2 m (11.5 - 13.5 m from hull)
Stroke (perpendicular)	3 m
Roller level (lowest operational position)	5 +/- 0.5 m below deck
Roller level (highest operational position)	4.24 +/- 0.5 m above deck
Manufacturer	Huisman Equipment
Delivered	2019

DIMENSIONS SEAFASTENING

Length	32.5 m
Width (arms closed)	17.7 m
Height (without HSD)	16.2 m
Height (with HSD)	19 m
Weight	
Skidding and HPU/EPU (fixed on deck)	235 mt
Gripper ring (lift to lower)	225 mt
Total	460 mt
HPU/EPU	
Power	2 x 150 kVA + 1 x 30 kVA
Supply	3ph 440 V 60 Hz

The monopile gripper has a modular, tailor made design to allow use on a wide range of projects and is used for the installation of monopiles for offshore wind farms. This Huisman gripper is unique in its capacity as well as versatility to accommodate usage in existing projects and future projects of which the specifications are yet to be determined. This flexibility makes the gripper a unique piece of mission equipment that allows to efficiently plan the construction of future offshore wind turbine projects.

