

# PASSIVE HEAVE COMPENSATOR MAXINE PHC

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**Hoisting and lowering a load under maritime conditions entails dealing with peak forces stemming from the oscillations of the waves. This challenge has prompted us to design the Maxine PHC, a new passive heave compensation system.**

Maxine PHC reduces peak forces and fluctuations during lifting and lowering operations where waves are generating oscillating movements. This allows you to work longer at high sea states, minimise your downtime and extend your weather window. Maxine PHC keeps the rope taut at all times and reduces both the peaks and troughs by following the motion of the sea. This allows work to proceed safely, efficiently and in a controlled manner.

As standard, Maxine PHC carries approval from Lloyd's Register of Shipping, but approval from any other classification organisation can be supplied.

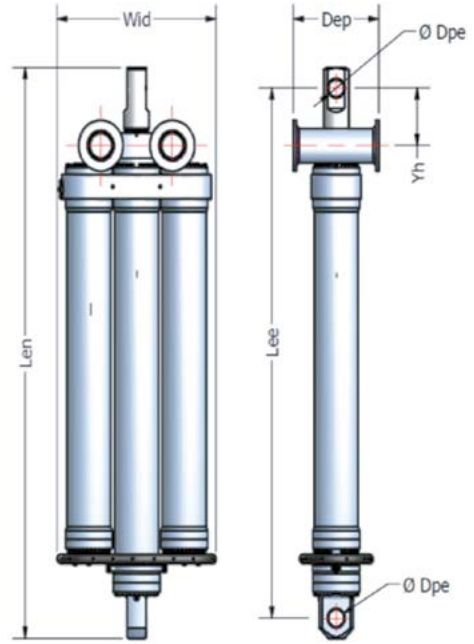
Maxine PHC is available for use worldwide and there is no need for special lifting frames to be installed. The Maxine PHC system is positioned between the hook of the crane and the load, and can also be used underwater. It operates as a stand-alone system, eliminating the need for an external power source.

**MAXINE**

## MAXINE PHC

Maxine PHC can be equipped for dynamic loads varying from 25 up to 550 metric tonnes. Other load limits are available on request.

MAX DYNAMIC LOAD (MT)	LENGTH (MM)	STROKE (MM)	WEIGHT (TONNES)
PHC 25	30	3000	1.6
PHC 50	60	3000	2.5
PHC 100	120	3000	6.0
PHC 230	276	3000	10.5
PHC 550	660	4500	28.6



SIZE [MT]	LENGTH [MM]	WIDTH [MM]	DEPTH [MM]	DIAMETER PIN [MM]	YOKE HEIGHT [MM]	LENGTH C.T.C. [MM]
	LEN	WID	DEP	DPE	YH	LEE
PHC 25	3975	880	440	70	260	3820
PHC 50	4055	1010	500	85	240	3835
PHC 100	4550	1380	710	125	355	4055
PHC 230	5065	1620	910	157	509	4695
PHC 550	7155	2270	1280	230	614	6610

- for use both above water and underwater
- no external power required
- reduces costs by enabling you to work longer at high sea states
- no special lifting frames required.

## ADDITIONAL OPTIONS AVAILABLE FOR MAXINE PHC

- load increase option via a tandem assembly
- enabling functionality or start/stop functionality
- quick lift option
- yoke reduces building-in length
- longer strokes for underwater operations.

Vremac Cylinders BV  
P.O. Box 481  
7300 AL Apeldoorn

Oude Apeldoornseweg 33J  
7333 NR Apeldoorn  
The Netherlands

T +31 (0)85 079 78 00  
info@vremac.com  
www.vremac.com