PVE GIANT 2000 UPENDING VIBRATORY HAMMER

The GIANT 2000 Upending Vibratory Hammer results from the sustainable ambitions of Dieseko Group. It will enable the offshore contractors to develop further installing or decommissioning XXL monopiles in a fast, safe and silent way.

With dimensions of approximately 10 x 10 x 10 meters and a weight of 425 tons, this is the biggest vibratory hammer in the world. The four double gearboxes provide 2000 kgm of eccentric moment and 44,000 kN of centrifugal force per up and down movement. And that in a frequency of 23 times per second. You are completely blown away when you see this offshore machine in real life. So big. So innovative. This will be the new standard.

UP TO 6.0 METERS
OF PILE DIAMETER

4 x 500 KGM GEAR BOX
VIBRATORY HAMMER

4 x PVE 3200 (12.800 L/MIN)
STAGE-V POWER PACKS

16 x PVE 350TC
TUBE CLAMPS

MAIN FEATURES:

- World's biggest Upending Vibratory Hammer
- For handling, upending, installation and decomissioning of XXL-monopiles
- Modularity in construction for a wide variety of projects
- Adjustable for pile diameters up to 6m
- Low noise levels
- Pile run risk mitigation
- Less pile fatigue
- Available for rent

DIESEKO GROUP

WORLD'S BIGGEST UPENDING VIBRO FOR XXL-MONOPILES

OFFSHORE WIND APPLICATIONS

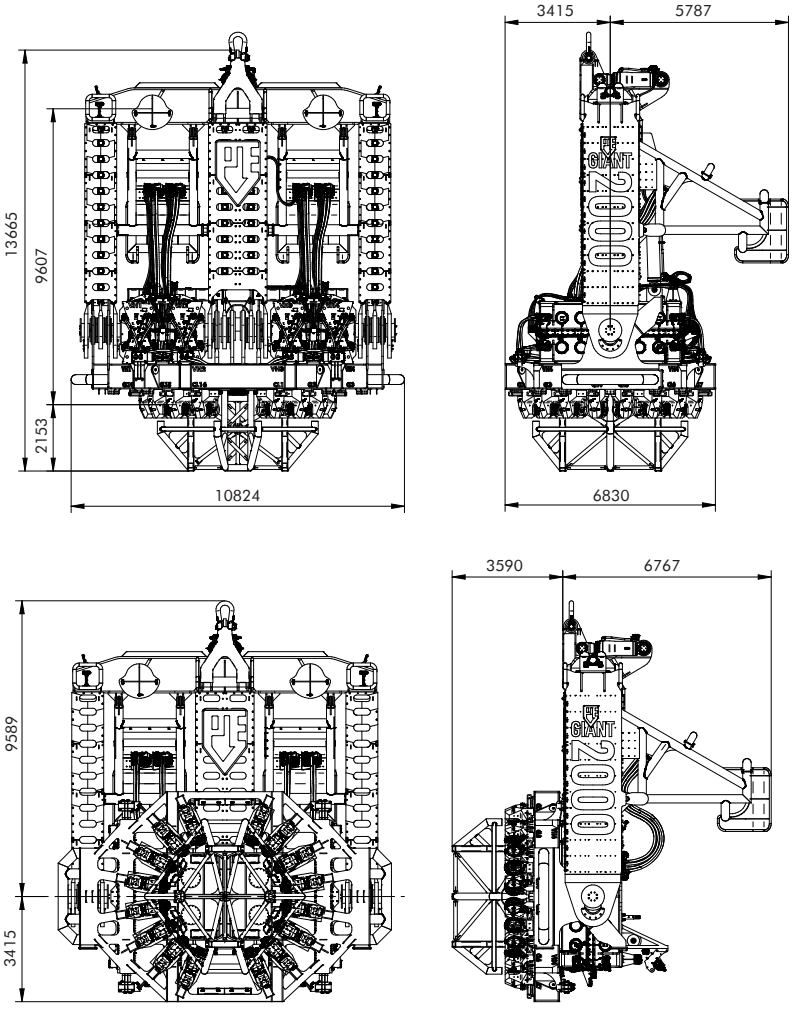
INSTALLATION & DECOMMISSIONING

Scan and read the latest information on our website here.

SPECIFICATIONS

		GIANT 2000
Eccentric moment	kgm	2000
Centifugal force	kN	42990
Max. frequency	rpm	1400
Max. amplitude including clamps	mm	12,7
Max. static line pull	kN	19600
Max. oil flow	L/min	12800
Max. operating pressure	bar	350
Max. hydraulic power	kW/Hp	7483/10178
Forced lubrication		yes
Dynamic weight including clamps	t	315
Total weight including clamps	t	422
WLL (unfactored)	t	1388
Dimensions (l x w x h)	mm	10824 x 9202 x 13665

MEASUREMENTS



The GIANT series is developed in close partnership with offshore experts and has lots of innovative details underneath the unique design. The modular concept can be adapted to different pile diameters, to the weight of the pile, and even the number of gearboxes for the eccentric moment can vary.

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