

HV-Series



High Frequency Vibro Hammer ***HV-1100W***

*High Centrifugal Force and Economical Construction Works
Available upto 2 meter diameter Casing*

***BEST SELECTION for
FOUNDATION WORKS***



CHOWA KOGYO CO., LTD

Feature of **HV-1100W**

1. Strong Centrifugal Force

Powerful Driving and Extraction Force to the large size steel casings and sheet piles.

2. Most Reliable Hydraulic Power Unit.

High performance with an engine Power of 708kW achieving Centrifugal force of 1,460 - 2,364kN.

3. Good for Environment.

Adopting Biodegradable lubrication.

Adopting the Idling System while waiting. Which make strong holding of the pile even idling condition. and saving a lot of energy.

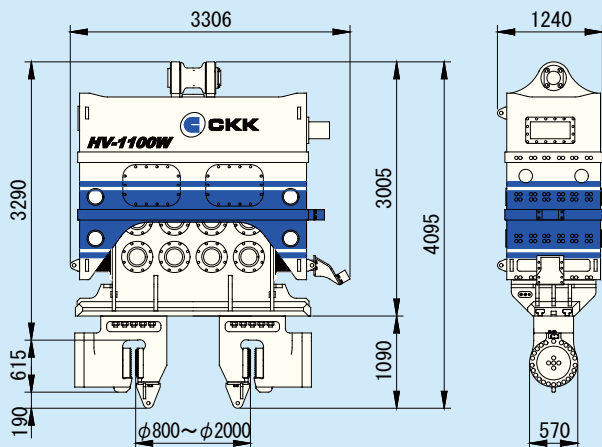
No Oil-leakage because of preventing force for oil-leakage is installed in the power unit.

4. Application of Piles.

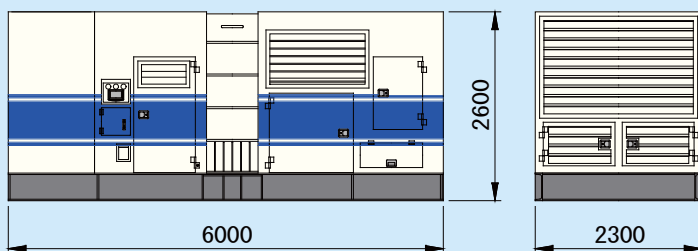
Driving and Extraction Steel Casings from 800 upto 2,000mm diameter and diagonal upto 20° used for foundation works of Bridges, Shore protection, Breakwater and piers.



Specifications of Vibro Hammer & Power Pack



Eccentric moment	kgm	110
Centrifugal force	kN	1,460 - 2,364
Frequency	rpm	1,100 - 1,400
Max. static line-pull	kN	1,200
Dynamic weight including chuck	kg	19,550
Chuck weight	kg	2,310 × 2 = 4,620
Transport weight	kg	22,450



Diesel engine	—	Caterpillar
Max. theoretical power	kW	708
Max. Oil Flow	L/min	1,000
Max. work pressure	bar	350
Hydraulic oil Capacity	Ltr.	900
Transport weight	kg	16,200



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