

Engine type WATER JET CUTTER having Flexible function of
Pressure and Flow volume

C-JET *series*

Emission Gas controlled Type

135E / 330E



C-JET

NEW TYPE WATER JET CUTTER SERIES which concerned to Global Environment and achieved the High Quality (Economical · Durable)

CHOWA's technology which developed through VIBRO Hammer, makes WATER JET CUTTER more advanced.

New Water Jet Cutter CJ series debut, which corresponded to the social requirements to construction machines, like Keeping good for environment, Security, Less Energy, Labor saving etc.

As the Pioneer of Vibration technology, challenged to the limit of driving piles and developed the high specification machines.

New CJ series makes more wide and new area to the job ranges.

CJ-330E



CJ-135E



FEATURES

- 1 High performance triplex plunger pump which newly designed, developed and pursued high economy and durability.
- 2 New type body standardized anticorrosive paint.
- 3 Realization of high tranquility, by using glass wool proofed by the hydraulic type high frequency VIBRO with variable moment Model SR-45 approved by Japanese Regulation as Ultra-Low noise Level.
- 4 Less pollution type Engine corresponded Gus Emission control
- 5 Complete Quality Control manufactured by the ISO approved Factory.

FUNCTIONS

- 1 Pressure gauge, easily and smoothly adjustable to the Maximum flow pressure of 14.7Mpa.
- 2 New Body designed for easy maintenance.
- 3 Small and Light weight Body for easy movability.
- 4 New type remote-control for easy operation : Newly developed light weight and water-proof type remote-control box.
- 5 Biodegradable hydraulic fluid which concerned to global environment.
- 6 Auto pump greasing mechanism which supplies directory from grease tank.

WATER JET COMBINED VIBRO METHOD

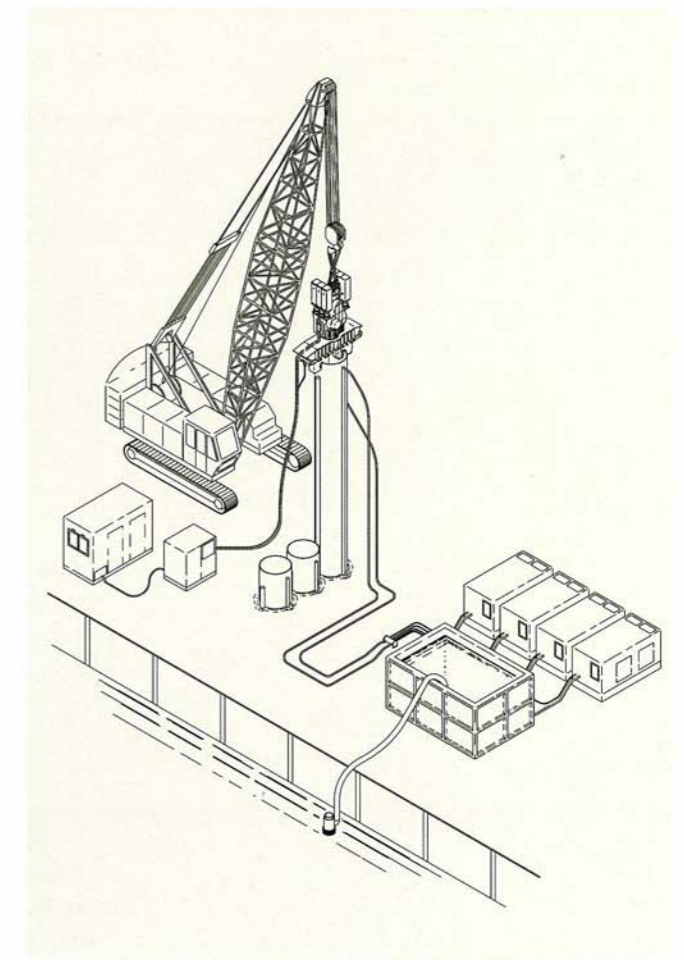
Superior Performance to the hard soil Collaboration with C-JET and VIBRO

The method of driving all kind of piles to all kind of soil conditions, by the collaboration of high pressure water and vibrating force of Vibro-Hammer, which is WATER JET COMBINED VIBRO METHOD.

It is possible to drive speedy and surely into the ground even which is difficult by normal methods, taking long time or including gravel mixed with cobble stones.

This Method boasts of respectable results under various work site conditions whether it be for temporary works, actual pile works, urban civil engineering, river·port civil engineering etc.

Recently it is increasing and accepting as the method of the bearing pile of Highway Bridge and the reliability was approved by the loading test.



APPLICABLE GROUND STRENGTH :
qu value (under 30N/mm²)

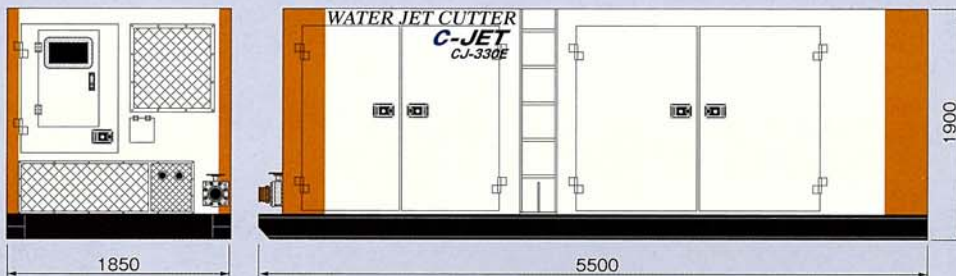
APPLICABLE PILES :
steel pipe pile, steel pipe sheet pile, steel sheet pile, H-section sheet pile and concrete sheet pile.

SIZE OF APPLICABLE PILE :
pile dia. Under 5000mm, pile length under 80m
(Estimation of steel pipe pile, steel pipe sheet pile)

CJ-135E



CJ-330E



Important notice

The technical information in this catalogue is provided for the purpose of explaining the typical characteristics and performance of the products and shall not be construed as the guaranteed capacity of the products, except for the items referred to as specified values by certain standards.

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WATER JET CUTTER
C-JET

Specification of Water Jet Cutter CJ series

Model		CJ-135E	CJ-330E
Weight		3,400kg	9,300kg
Dimension(L×W×H)mm		3,400×1,350×1,500mm	5,500×1,850×1,900mm
Pump	Discharge rate	100~325 l/min	300~900 l/min
	Discharge pressure	4.9~14.7MPa	4.9~14.7MPa
	Suction bore	65mm(2 1/2")	100mm(4")
	Discharge bore	25mm(1")	40mm(1 1/2")
	Diameter of Plunger	80mm(φ80)	100mm(φ100)
	Stroke	46mm	100mm
Engine		Mitsubishi S6K-E5T 102kw(135ps) Fuel tank capacity 150 ltr Fuel consumption 23 ltr/hr	ISUZU AA-6WGIT 243kw(330ps) Fuel tank capacity 400 ltr Fuel consumption 40 ltr/hr
Transmission	Clutch	Dry single plate	Dry single plate
	Decelerator	—	QHPC2-RLD-5S
	V-Belt	5V×8	—
	Pulley	φ190×φ710	—
Others		<ul style="list-style-type: none"> •Remote control box (complete with manometer) •Auto pressure prioritizer •Greaser for auto packing •Standard nozzle : dia6.5mm 	<ul style="list-style-type: none"> •Remote control box (complete with manometer and tachometer) •Auto pressure prioritizer •Greaser for auto packing •Standard nozzle : dia10.5mm

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