

iCON® Model 52CE

Hydraulic Vibratory Driver/ Extractor with Model 595CE Power Unit

444 kW CAT C15 (State IIIA) engine meets all EPA & EU emission regulations.
Up to 900 kN line pull for extraction.



Full range of clamps available for sheet piling, H-Beams, pipe & caissons in addition to timber & concrete piles.

Computer controls on power unit reduce fuel consumption, pinpoint repair needs, while providing diagnostics and logs.

Power unit open circuit system for maximum cooling and filtering efficiency. Variable displacement pump for optimum power consumption and smooth operation.

Remote-control pendant for vibrator and clamp with emergency stop. Engine speed control for fuel efficiency.

The Hycos designed CE compliant hydraulic power unit oil cooler is combined with the engine cooler providing ample capacity without using auxiliary power to drive extra cooler fans.

Adaptable for underwater, low headroom or box leads operation.

Environmentally friendly, non-toxic, biodegradable hydraulic oil.

Designed and manufactured in the USA by ICE®, world leader in cost-effective foundation equipment since 1974.

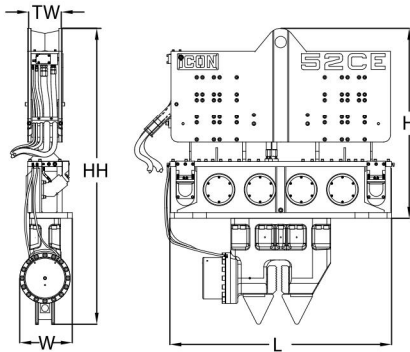


iCON FOUNDATION EQUIPMENT

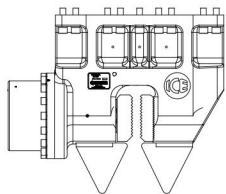
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Dimensions

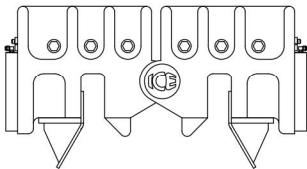


Clamps & Accessories



**Model 385
Universal Clamp**

Clamping force
3425 kN
Weight
2455 kg



**6.5' Caisson Beam with
2 x Model 142BH Caisson Clamps**

Clamping force
1526 kN
Weight
2130 kg

Other Model 52CE Accessories

10' Clamp extension
90° Turning plate
Bias weights
Vibrator stand
Wireless remote

Model 52CE Vibrator Specifications

Eccentric moment	51	kg-m
Max. centrifugal force	2240	kN
Max. frequency	2000	rpm
Max. amplitude (no clamp)	28	mm
Max. amplitude with clamp	22	mm
Max. static line pull	900	kN
Max. operating pressure	380	bar
Max. oil flow	790	l/min
Dyn. weight (no clamp)	3580	kg
Dyn. weight with clamp	4580	kg
Total weight with clamp	7000	kg
Transport weight	7350	kg
Height without clamp (H)	2134	mm
Length (L)	2485	mm
Width (W)	530	mm
Throat width (TW)	362	mm

* See "Clamps and Accessories Manual" for in depth description

Model 595CE Power Unit Specifications

Engine	CAT C9	
Emissions certification	EU	Stage IIIA
Power	444 kW	
Operating speed	1950 rpm	
Max. motors pressure	380 bar	
Motors flow (no load)	700 lpm	
Clamp pressure	345 bar	
Clamp flow	25 lpm	
Weight (empty)	6000 kg	
Length	4200 mm	
Width	2050 mm	
Height	2200 mm	
Hydraulic reservoir	1200 liters	
Fuel capacity	600 liters	

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Constant improvement and engineering progress make it necessary that ICE®, Inc and iCON Foundation Equipment to reserve the right to make specification changes without notice. Please consult ICE® for the latest available information.

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