



International Construction Equipment
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ICE[®] Model 2 Hydraulic Vibratory Driver/ Extractor with Model 50 Power Unit



Ideal for plastic, aluminum and lightweight steel sheets.
24 ton (214 kN) gripping jaws distribute force over a large area to prevent damage to sheets.
1,590 lbs (720 kg) weight allows for use with excavators, telescoping cranes and smaller crawler cranes.

Light-weight gear case design provides maximum pile amplitude.

Heavy-duty, two-piece clamp minimizes headroom requirements reducing suspended weight thereby increasing pile amplitude and drivability.

Jaw design distributes gripping force over a large area to protect the pile while driving single or double sheets. Pipe jaws available.

Optional 400 lbs (181 kg) bias weights increase pile penetration rates in difficult soils.

4.25 ton (38 kN) elastomer suppressor for pile extraction.

51 HP Caterpillar C2.2 diesel engine for reliability and easy parts and service access.

Heavy steel frame and fuel-tank subbase protect power unit.

Remote-control pendant for vibrator and clamp with emergency stop.

Maximum efficiency and reliability are provided by an open-loop hydraulic system and application proven gear pumps and motor.

Environmentally friendly Chevron Clarity[®] non-toxic, biodegradable hydraulic oil.

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

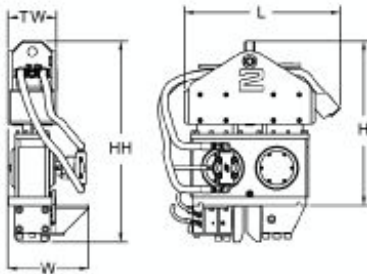


INTERNATIONAL CONSTRUCTION EQUIPMENT, INC.

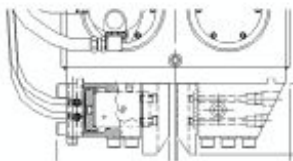
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Dimensions



Clamps & Accessories



Model 2 Sheeting Clamp

Clamping force
24 tons, 219 kN
Weight
285 lbs, 214 kg

Other Model 2 Accessories

Bias weights
Pipe Clamp Jaws

Model 2 Vibrator Specifications

Eccentric moment	200 in-lbs	2.3 kg-m
Maximum frequency	2000 vpm	
Driving force	11.8 tons	105 kN
Centrifugal force	11.3 tons	100 kN
Amplitude (free w/o clamp)	0.44 in	11 mm
Standard line pull for extracting	4.25 tons	38 kN
Maximum line pull for extracting	4.25 tons	38 kN
Weight (no clamp or hoses)	1,100 lbs	500 kg
Non-vibrating weight	365 lbs	165 kg
Height without clamp (H)	37 in	930 mm
Length (L)	35 in	880 mm
Width (W)	18 in	455 mm
Throat width (TW)	10.75 in	273 mm
Hydraulic hose length	100 ft	30 m
Hydraulic hose weight	400 lbs	182 kg
Height with sheeting clamp* (HH)	45 in	1130 mm
Weight with sheeting clamp & 1/2 hoses*	1,590 lbs	720 kg
Height with beam & caisson clamps*	- in	- mm
Weight with beam & caisson clamps*	- lbs	- kg

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

Model 50 Power Unit Specifications

Engine	Caterpillar C2.2	
Power	50 HP	37.3 kW
Operating speed	2,800 rpm	2800 rpm
Max. motors pressure	3,000 psi	190 bar
Motors flow(no load)	22 gpm	85 lpm
Clamp pressure	2,200 psi	152 bar
Clamp flow	3 gpm	7 lpm
Weight (w/ full fluid & 1/2 fuel)	2,750 lbs	1247 kg
Length	60 in	1525 mm
Width	44 in	1120 mm
Height	43 in	1090 mm
Hydraulic reservoir	40 gal	150 liters
Fuel capacity	17 gal	64 liters

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

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UV-2-Sept-2010

"Due to improvements to ICE manufactured products and the EPA mandated Tier III emission regulations, unit specifications are subject to change without notice. Please contact ICE engineering department to confirm possible changes."