



International Construction Equipment
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ICE® MODEL 8E EXCAVATOR - MOUNTED HYDRAULIC VIBRATORY DRIVER/EXTRACTOR



Excavator-mounted unit for maximum mobility.
High speed (2500 vpm) and high driving force (72 tons, 620 kN)
for maximum production.
Crowd with 29 tons (238 kN) of force for highest driving rates.

Excavator bucket circuit provides all hydraulic requirements.

Gear case design provides maximum vibrator speed and light weight.

Clamps available for single & double sheet piling, H-Beams, caissons to 4' (1220 mm), timber, concrete and pipe piles.

Optional gooseneck available for longer piles and greater reach.

Drives and extracts H-Beams, sheet piles, trench plates, pipe piles, guardrail posts and more.

360° swivel allows approach to task from any direction.

Adaptable for underwater operation.

Offered in USA by ICE®, world leader in cost-effective foundation equipment since 1974.



UVE-8E-Sept-2010

INTERNATIONAL CONSTRUCTION EQUIPMENT, INC.

301 Warehouse Dr.
Matthews, NC 28104 USA

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Model 8E Excavator-Mounted Vibrator

Eccentric moment	785 in-lbs	9 kg-m
Maximum frequency	2500 vpm	
Maximum driving force	72 tons	620 kN
Maximum centrifugal force	70 tons	618 kN
Amplitude (free w/o clamp)	0.59 in	15 mm
Maximum line pull for extracting	29 tons	238 kN
Maximum crowd capability	29 tons	238 kN
Weight without clamp	4414 lbs	2002 kg
Weight with Model 8E clamp	5456 lbs	2475 kg
Weight with Model 90 clamp	6535 lbs	2492 kg
Non-vibrating weight	1750 lbs	795 kg
Height to pin without clamp (H)*	38 in	947 mm
Height with Model 8E clamp (HH)*	60 in	1513 mm
Height with Model 90 clamp (HH)*	66 in	1670 mm
Length (L)	60 in	1505 mm
Width (W)	36 in	902 mm
Throat width (TW)	16.6 in	420 mm
Maximum pressure	4500 psi	320 bar
Required flow	73 gpm	275 lpm

* Does not include excavator stick yoke that adds 16"-20" (400-510 mm)

Performance with CAT 330C excavator

Frequency at low pressure	2030 vpm	34 Hz
Frequency at high pressure	1225 vpm	20 Hz

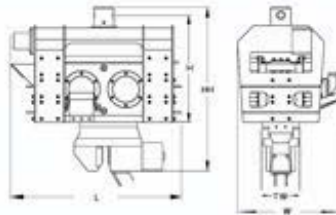
Performance with CAT 245C excavator

Frequency at low pressure	2500 vpm	42 Hz
Frequency at high pressure	2030 vpm	34 Hz

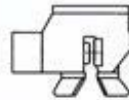
Constant improvement and engineering progress make it necessary that ICE®, Inc reserve the right to make specification changes without notice. Please consult ICE® for the latest available information.

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Dimensions

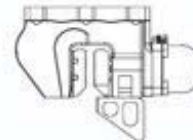


Clamps & Accessories



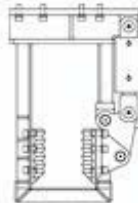
Model 8E
Sheeting Clamp

Clamping force
90 tons, 808 kN
Weight
1065 lbs, 483 kg



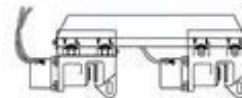
Model 90
Sheeting Clamp

Clamping force
90 tons, 808 kN
Weight
1080 lbs, 490 kg



Model 40
Wood, Concrete
& Pipe Clamp

Clamping force
40 tons, 355 kN
Weight
3,220 lbs, 1460 kg



3' Caisson Beam
with Model 100BH
Caisson Clamps

Clamping force
220 tons, 1950 kN
Weight
3,010 lbs, 1376 kg

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"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."