

INTERNATIONAL CONSTRUCTION EQUIPMENT

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ICE Model 416L Vibratory driver/extractor with Model 325 Power Unit



- **2200 in-lbs of eccentric moment**
- **325 horsepower Caterpillar 3306TA engine**
- **Suspended weight with universal clamp of 9,950 lbs**
- **Up to 40 tons line pull for extracting**

Engineered for maximum versatility/maximum ownership utilization.

- The **most highly demanded** vibratory driver/extractor in any size class.
- Variable hammer weight via optional **segmental bias weights**. Add 2000 lbs of driving weight for high friction or otherwise difficult soils.
- 40 ton elastomeric vibration suppressor handles your toughest pulling jobs while providing the **industry's highest working load safety factor**.
- Supplied with environment friendly **non-toxic biodegradable hydraulic oil**.
- Remote electric pendant includes **engine speed control** for fuel efficiency and **emergency engine stop** for personnel safety. **Duplicate full function controls** on power unit panel eliminate downtime from accidental damage.
- Optional **radio remote control** provides total operator freedom.
- Clamps include **internal holding valves** for safety and **extra heavy wall cylinders machined**

from **solid blocks** to eliminate guards and tie rods.

- Highest quality **Volvo (VOAC) pumps and motors** in time proven reliable **open loop hydraulic system** for maximum efficiency, maximum reliability and simpler, quicker serviceability.
- Quickly adaptable for **underwater or low headroom operation**.

MODEL 416L VIBRATOR

Eccentric moment	2,200 in-lbs	2534 kg-cm
Frequency	1600 vpm	1600 vpm
Centrifugal force	80 tons	712 kN
Amplitude (free hanging)	0.98 in	25 mm
Max line pull for extraction	40 tons	356 kN
Weight (no clamp or hoses)	7,400 lbs	3357 kg
Non-vibrating weight	2,900 lbs	1315 kg
Length	95 in	241 cm
Width	17 in	43 cm
Throat width	14 in	36 cm
Height (no clamp)	70 in	178 cm
Hydraulic hose length	100 ft	30 m
Hydraulic hose weight	850 lbs	386 kg

MODEL 325 POWER UNIT

Engine - Caterpillar	3306 TA	3306 TA
Power	325 HP	242 kW
Operating speed	2100 rpm	2100 rpm
Drive pressure	5,500 psi	380 bar
Drive flow	87 gpm	329 lpm
Clamp pressure	4,300 psi	297 bar
Clamp flow	5.2 gpm	20 lpm
Weight (w/ full fluid & fuel)	10,485 lbs	4756 kg
Length	126 in	320 cm
Width	60 in	152 cm

Height	79 in	201 cm
Hydraulic reservoir	275 gals	1041 l
Fuel capacity	122 gals	462 l

AVAILABLE CLAMPS

Model 126B universal clamp, Model 127B Z-Pile clamp, Model 75 Concrete clamp, Model 50 Timber clamp, Model 80B Caisson clamps with 7' or 11' Beam, clamp extensions, turning plate

OTHER AVAILABLE ACCESSORIES

Bias weights, radio remote control, underwater package, low-headroom suppressor, lead guides, pig-tail hoses

INTERNATIONAL CONSTRUCTION EQUIPMENT, INC.

Corporate offices: 301 Warehouse Drive, Matthews NC 28104, USA

Phones: 888 ICEUSA1 & 704 821-8200, Faxes: 704 821-8201 & 704 821-2781

Website: www.iceusa.com, E-mail: info@iceusa.com

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