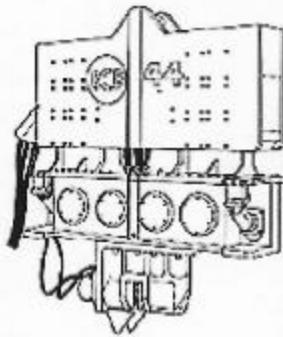


The ICE Model 44-50 Vibratory Driver/Extractor



Engineered for versatility to meet virtually any job requirements.

- Variable hammer weight via optional segmental bias weights. Add one set for an additional 2750 lbs of driving weight or two sets for 5500 lbs.
- 80 lbs elastomeric vibration suppressor handles your toughest pulling jobs while providing the industry's highest working load safety factor.
- Upgrade to 650 HP when needed with no hammer modifications.
- Supplied with environment friendly biodegradable hydraulic oil.
- Remote electric pendant includes engine speed control for fuel efficiency and emergency engine stop for personnel safety.
- Optional radio remote control provides total operator freedom.
- Clamps include integral holding valves for safety and extra heavy wall cylinders machined from solid blocks to eliminate guards and tie rods.
- Highest quality Commercial Interlock pumps and Rexroth piston motors in time proven reliable open loop hydraulic system for maximum efficiency, maximum reliability and simpler, quicker serviceability.
- Heavy gauge lock-in sheet metal enclosure is removable for access.
- Quickly adaptable for underwater or low headroom operation.

VIBRATOR		POWER UNIT	
Eccentric moment	4,400 in.-lbs (5002 kg-cm)	Engine	Caterpillar 3406TA
Frequency	3000 vpm	Power	535 HP (377 kW)
Construal force	100 tons (9123 kN)	Operating speed	2100 rpm
Amplitude (free hanging)	1.17" (30 mm)	Drive pressure	4,800 psi (331 bar)
Max free pull for extraction	88 tons (712 kN)	Drive flow	155 gpm (537 lpm)
Weight (no clamp or hoses)	11,500 lbs (5216 kg)	Clamp pressure	4,900 psi (331 bar)
Non-vibrating weight	4,020 lbs (1814 kg)	Clamp flow	6.8 gpm (25 lpm)
Length	97" (246 cm)	Weight (w/ full fluid & fuel)	15,330 lbs (6900 kg)
Width	19.5" (50 cm)	Length	154" (391 cm)
Throat width	14.25" (36 cm)	Width	68" (172 cm)
Height	83.25" (211 cm)	Height	65.5" (166 cm)
Hydraulic hose length	150' (45 m)	Hydraulic reservoir	385 gals (1457 l)
Hydraulic hose weight	1,700 lbs (771 kg)	Fuel tank	350 gals (1308 l)

HYDRAULIC CLAMPS:	Model 126B Universal Clamp	Model 127B Z-Pie Clamp	Model 60B Calson Clamp	Model 7B Concrete Clamp	Model 5B Timber Clamp
Clamping force	125 tons (1112 kN)	125 tons (1112 kN)	80 tons (712 kN)	75 tons (667 kN)	45 tons (422 kN)
Weight	2,150 lbs (975 kg)	3,300 lbs (1497 kg)	950 lbs (432 kg)	2,200 lbs (998 kg)	5,300 lbs (2376 kg)
Length	45 3/4" (116 cm)	48 1/2" (123 cm)	27 7/8" (71 cm)	17" (42 cm)	44" (112 cm)
Width	12" (30 cm)	14" (36 cm)	13 3/4" (35 cm)	21" (53 cm)	28" (71 cm)
Height	37 3/4" (95 cm)	41 1/4" (105 cm)	22" (56 cm)	22" (56 cm)	29" (74 cm)

MODEL 44-50 VIBRATOR

Eccentric moment	4,400 in-lbs	5069 kg-cm
Frequency	1600 vpm	1600 vpm
Centrifugal force	160 tons	1423 kN
Amplitude (free hanging)	1.2 in	30 mm
Max line pull for extraction	80 tons	712 kN
Weight (no clamp or hoses)	12,100 lbs	5489 kg
Non-vibrating weight	4,550 lbs	2064 kg
Length	97 in	246 cm
Width	20.6 in	52 cm
Throat width	14.25 in	36 cm
Width with bias weights	22.25 in	57 cm
Height	84 in	213 cm
Hydraulic hose length	150 ft	46 m
Hydraulic hose weight	1,554 lbs	705 kg