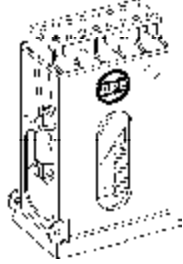
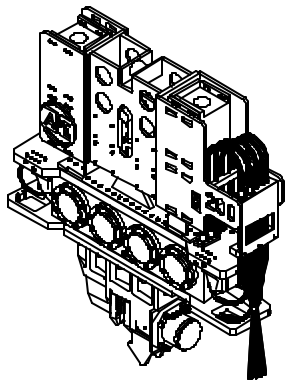


# Model 200T Vibratory Driver/Extractor with Model 625 Power Unit with 625 HP (466 kW)



APE Wood Clamp



APE caisson clamps with beam for driving and extracting pipe piles

Shows standard universal clamp attachment. See "optional attachments" literature for more information on other types of clamp attachments.

## SPECIFICATIONS:

Eccentric moment	6003 kg-cm (5200 in-lbs)
Frequency (variable)	0-1650 vpm
Centrifugal force	1788 kN (201 US tons)
Amplitude	32 mm (1.28")
Maximum line pull	1335 kN (150 US tons)
Suspended Weight (with universal clamp)	6304 kg (13,900 lbs)
Length	256 cm (101")
Width throat	35 cm (14")
Width at widest point	43 cm (17")
Height (with 223 kN (30 ton) short suppressor & clamp)	153 cm (60")
Height (with 1335 kN (150 ton) suppressor & 200 clamp)	238 cm (94")
Hydraulic hose length (standard)	46 meters (150 ft)
Hydraulic hose weight	680 kg (1500 lbs)

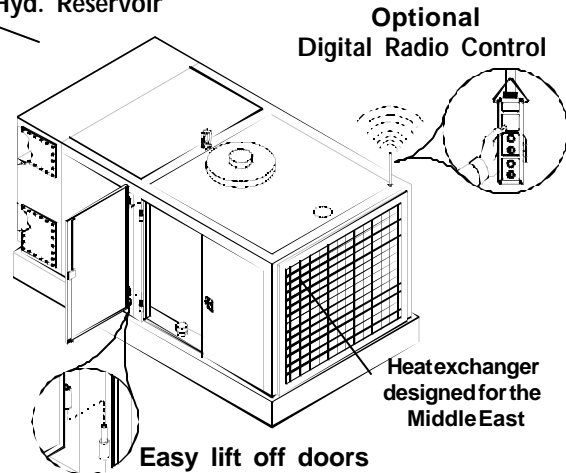
Suspended weight drops when using smaller mini suppressor to 9,000 lbs. (4082 kg).  
Suspended weight increases when using bias weights to 17,000 lbs. (7710 kg).

## VIBRATOR Model 200T

## SPECIFICATIONS: POWER UNIT Model 625

Engine CAT	3408E DITA
Power (Cummins)	466 kW (625 hp)
Operating speed (No Load)	800 to 2200 rpm
Drive pressure	330 bar (4800 psi*)
Drive flow (variable)	0-779 lpm (0-190 gpm)
Clamp pressure (Sheet Clamp)	331 bar (4,800 psi)
Clamp flow	38 lpm (10 gpm)
Weight	6757 kg (14,900 lbs)
Length	350 cm (138")
Width	183 cm (72")
Height	203 cm (80")
Hydraulic reservoir	1457 liters (385 gal.)
Fuel tank	662 liters (175 gal.)

## Spare Hyd. Reservoir



## Optional Digital Radio Control

Heat exchanger designed for the Middle East

Easy lift off doors

\*All power unit components are designed to operate at 350 bar. The 200 has extremely large hydraulic motors for excellent performance at 282 bar. Engineers using the standard formula for horsepower requirements (psi x flow x .1714) should consult with APE engineers for a more complete understanding of how to properly calculate vibro performance. 200T also operates on APE Model 800 power unit with 801 horsepower (597 kW).

## Advanced, profit generating features that are years ahead of the competition:

- \* Patented multistage suppressor design reduces vibro weight and height while increasing line pull by 100%.
- \* Vibro will not shake the crane line or boom even during vibro "starting" and "stopping."
- \* Center safety pin shows pile crew and crane operator how much line pull is on pile and crane.
- \* Only vibro on market with detachable suppressor housings to fit any height and weight requirements.
- \* One piece helical gear/eccentric eliminates keyways, pins, splines, and bolts inside the gearbox.
- \* Heavy metal enhanced eccentric design reduces internal parts by up to 75% while increasing dynamic force.
- \* Giant spherical bearings allow for batter operations without damage and reduce heat for extremely long life.
- \* Computer designed gearbox is perfectly balanced with lowest center of gravity on the market.
- \* Rifle bored top plate eliminates all hoses on suppressor and to hydraulic motors. Mechanic's dream come true.
- \* Heavy duty clamp cylinder is machined from one piece of solid steel to eliminate o-rings and bolt-on guards.
- \* Power unit comes standard with spare hydraulic tank, tool kit, dual controls on pendant and control panel.
- \* Very simple open loop hydraulic system with highest quality valves with lighted indicators.
- \* Variable flow in both directions for use on drills, winches, hydraulic hammers, and other attachments.
- \* Oversized radiator and hydraulic oil cooler with proven performance in the heat of Saudi Arabia.



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