

America's most popular vibratory pile driver.

**Worldwide patents
protect your investment**



Model 200-6 Vibratory Pile Driver/Extractor

Patented two stage suppressor has twice the rating of any other vibro.

Visual safety pin allows crane operator and crew to see extraction force.

Rifle bored top plate eliminates all hoses to the hydraulic motors.

High quality Rexroth motors are recessed. Special couplers increase G-force rating of motor.

Patented one piece gear/eccentric, oversized bearings and shafts for long life- backed by the longest warranty in the industry.

Jaws are cast from ASTM 148 and heat treated for long life.

Clamp cylinder is machined from a solid block of steel to eliminate unwanted o-rings and seals.

Removable suppressor housings allow this machine to shrink in height and weight to adapt to any job site conditions.

Rubber elastomers are specially made to prevent shock to the crane boom. APE's elastomers are the largest in the industry.

Built-in hydraulic check valve automatically flushes system of any dirt or foreign matter.

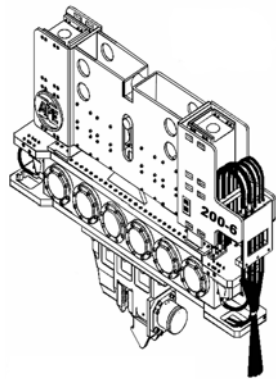
Clamp cylinder lines pass through gearbox to eliminate exposure to impact.

Every APE vibro comes with pig tail hoses for low cost maintenance. Special coated hoses made to withstand the demands of pile driving.

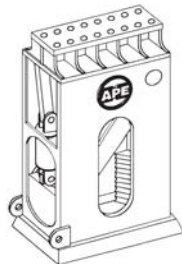
Shown with standard universal clamp for sheet pile, H-Beams and steel plates. APE manufactures clamp attachments for all types of piles including wood piles and pipe piles and concrete. Visit our web site @ www.apevibro.com for more details

- **Rifle-bored top plate delivers oil to motors without using hoses**
- **Patented one piece helical gear/eccentric eliminates gearbox failures caused by broken pins, keys, bolts or splines found in all other vibro gearboxes**
- **Giant double roller spherical bearings for super long life**
- **Center safety pin shows the line load on pile and crane**

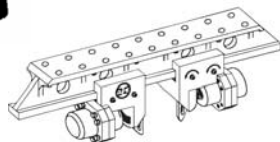
APE Model 200-6 Vibratory Driver/Extractor with Model 630 Power Unit with 630 HP



Patented Technology



APE Wood/Concrete Clamp



APE Caisson beam & clamps

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

SPECIFICATIONS:

Model 200-6

Eccentric moment	7,600 kg-cm (6,600 in-lbs)
Frequency (variable)	1600 vpm (1800 attainable)
Centrifugal force	2,135 kN (240 US tons)
Amplitude	30 mm (1.17 in)
Maximum line pull	1,335 kN (150 US tons)
Suspended Weight (with universal clamp)	9,524 kg (21,000 lbs)
Length	318 cm (125 in)
Width throat	35 cm (14 in)
Width at widest point	43 cm (17 in)
Height (with 223 kN (30 ton) short suppressor & clamp)	153 cm (60 in)
Height	238 cm (94 in)
Hydraulic hose length (standard)	46 meters (150 ft)
Hydraulic hose weight	680 kg (1,500 lbs)

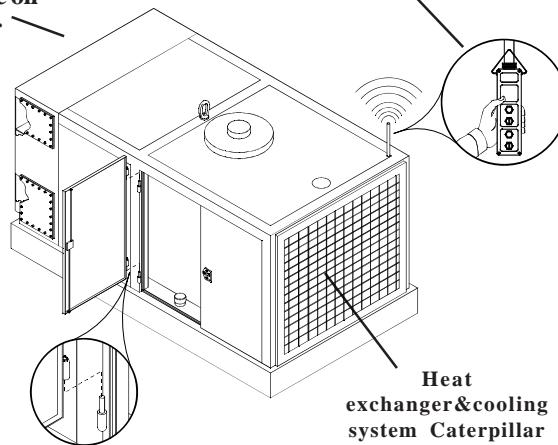
SPECIFICATIONS:

POWER UNIT Model 630

Engine CAT	C18 ACERT Tier III Certified
Power (Caterpillar)	470 kW (630 hp)
Operating speed (No Load)	800 to 2,100 rpm
Drive pressure (max)	344 bar (5,000 psi)
Drive flow (variable)	0-741 lpm (0-196 gpm)
Clamp pressure (max)	310 bar (5,000 psi*)
Clamp flow	41 lpm (10 gpm)
Weight	9,061 kg (19,975 lbs)
Length	401 cm (158 in)
Width	196 cm (77 in)
Height	259 cm (102 in)
Hydraulic reservoir	2,498 liters (660 gal)
Fuel tank	662 liters (175 gal)

Reserve hydraulic oil reservoir

Optional Radio remote



Easy lift off doors

Heat exchanger & cooling system Caterpillar designed for -40c to 51c

Advanced, profit generating features protected by patents, 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 reduced 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.



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