

"Putting Good Ideas To Work"



Model 200-6 Vibratory Pile Driver/Extractor

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

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.

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

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

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

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.

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

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

Built in cylinder check valves for safety.

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

**Worldwide Patents
Protect Your Investment**

- *Rifle-bored top plate delivers oil to motors without using hoses*
- *Patented one piece helical gear/eccentric eliminates gearbox failures*
- *80% less hoses for easier and less expensive maintenance*
- *Giant double roller spherical bearings for super long life*
- *Center safety pin shows the line load on pile and crane*
- *Over double the line pull of any hammer in its class*

APE Model 200-6 Vibratory Driver/Extractor with Model 700 Power Unit with 700 HP



200-6 with a sheet clamp in a travel stand.

SPECIFICATIONS:

Model 200-6

Eccentric moment	7,600 kg-cm (6,600 in-lbs)
Frequency (variable)	1650 cpm (1800 Optional)
Centrifugal force 1650 cpm	195 mt (215 US tons)
Amplitude	30 mm (1.17 in)
Maximum line pull	1,490 kN (167 US t)
Suspended Weight (with universal clamp)	8,845 kg (19,500 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	907 kg (2,000 lbs)



APE Wood/Concrete Clamp.



8' attachment extension.



APE caisson beam & APE Model 200 caisson clamps.



90 degree turn plate.



Caisson to attachment adapter.

SPECIFICATIONS:

POWER UNIT Model 700

Engine	Caterpillar C18 ACERT Tier III Certified
Power	522 kW (700 hp)
Operating speed	800 to 2,100 rpm
Max. fuel consumption per hr @ 2100 rpm	194 lph/51.3 gph
Max. fuel consumption per hr @ 1500 rpm	176 lph/46.7 gph
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)



APE Model 700 Power Unit



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