



## MODEL 200-6 TUNGSTEN VIBRATORY DRIVER / EXTRACTOR

- \* 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 cranes



APE HOLLAND



**SPECIFICATIONS:**

**Model 200-6 T**

Eccentric moment	76 kg-m*
Frequency (max)	1800 vpm (30 Hz)
Centrifugal force	2.699 kN
Amplitude	36 mm
Maximum line pull	1.335 kN (136 ton)
Eccentric mass	1.116 kg
Dynamic mass	5.669 kg
Suspended weight	8.775 kg
Length	381 cm
Width	35 cm
Height (without clamp attachment)	240 cm
Hydraulic Hose Length (standard)	45 meters
Extra hose length available in 15 meter (50 foot) sections.	

\* Max. eccentric moment is 92 kg-m. The eccentric moment can be adjusted by varying the eccentrics.

Model type	Eccentric moment	Centrifugal force
Model 200-6T	76 kg-m	2.699 kN
Model 200-6T <sup>2</sup>	84 kg-m	2.965 kN
Model 200-6T <sup>3</sup>	92 kg-m	3.272 kN**

\*\* : A fully Tungsten loaded vibro would require an APE Model 1050 power unit.

**SPECIFICATIONS**

**Model 700**

Engine	CAT C18 ACERT
Maximum power	700 hp (522 kW)
Make of Pumps	Parker
Maximum drive pressure	330 bar
Maximum hyd. flow	750 lpm
Clamp pressure	350 bar
Clamp pump flow	40 lpm
Weight	8.165 kg
Length	396 cm
Width	179 cm
Height	257 cm
Fuel capacity	550 liters
Hydraulic tank capacity (main)	2.000 liters
Hydraulic tank capacity (reserve)	300 liters



Advanced, profit generating features of the APE equipment:

- \* 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 how much pull is on the pile.
- \* 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.
- \* 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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