

APE Model 600 Vibrator

Line bored top plate for quick tandem capabilities and low headroom applications.

Hammer lifting eye clocked to ensure a level hammer when placing on pile. \

Patented two stage suppressor with over 400 tons of line pull capacity.

Line bore plate eliminates 80% of the hoses found on comparable units.

> Standard pigtails on all vibros for quick service when

Solid connections

Anti-wear hydrau-

to the hydraulic motor eliminates hoses and guards.

Helical cut eccentrics designed for extreme batters and long life.

The Patented APE Quad Clamp System.

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Standard and hydraulic actuated locking systems for the caisson lic hose for three times the hose life.

Built in cylinder check valves for added safety..

*20,000 inch pounds of eccentric moment.

*Patented one piece helical gear/eccentric eliminates gearbox failures.

*Helical gears allow for the driving of extreme batters.

*Patented two stage suppressor gives over 400 tons of line pull capacity

*Specially designed to use the patented APE Quad Clamp System

*Largest single gearbox vibro on the market

Model 600 Vibratory Driver/Extractor with Model 1050 Power Unit



SPECIFICATIONS:

Model 600 Driver/Extractor

Eccentric moment	23,090 kg-cm (20,000 in-lb)
Frequency (variable with engine throttle)	400-1400 vpm
Centrifugal force	3203 kN (556 USt)
Amplitude with 15' beam and dual clamps (dynamic wt: 3	0,000 lbs.) 34 mm (1.34 in
Amplitude with 15' Quad Clamp System (dynamic wt: 36,	000 lbs.) 29 mm (1.12 in)
Maximum line pull	379.2 mt (418 USt)
Shipping Weight (no clamp 150' of hose and stand)	24,943 kg (55,000 lb)
Susp. Weight (w/15' Quad Clamp System & 150' of hoses)	30,385 (67,000 lb)
Length	430 cm (170 in)
Width throat	90 cm (36 in)
Width at widest point	90 cm (36 in)
Height with 11' beam and clamps	244 cm (96 in)
Height with 15' Quad Clamp System	280 cm (110 in)
Standard Hydraulic Hose Length	45 m (150 ft)

Built in ladder for easy installation and removal of rigging.

Extra lifting eyes for three point picks.

Optional Digital Radio Control.

Spare Hyd. Reservoir

SPECIFICATIONS:

Engine Caterpillar E-series C27 ACERT Power 745 kW (1050 hp) 2100 rpm **Operating speed** Max. fuel consumtion per hr @ 2100 rpm 194l lph/51.3 gph Max. fuel consumtion per hr @ 1500 rpm 176 lph/46.7 gph Max pressure 340 bar (5,000 psi) **Drive flow** 1,219 lpm (321 gpm) Clamp pressure 326 bar (4,800 psi) Clamp flow 27 lpm (6.5 gpm) Weight 12,247 kg (27,000 lbs) Length 442 cm (169 in) Width 208 cm (82 in) Height



244 cm (96 in) Heat exchanger designed for \temperatures from -40c to +51c Easy lift off doors. (-40f to 123f).



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