

APE Model 170V (Variable Moment) Vibratory Driver/Extractor with Model 375 Power Unit

Variable amplitude for driving in vibration sensitive areas



Eccentric Moment (Variable)	0-2250 in-lbs
Frequency (Variable)	1750-1950 vpm
Driving Force @ 1750 vpm	89 metric tons (98 US Tons)
Driving Force @ 1950 vpm	110 metric tons (121 US Tons)
Vibrating Mass with standard clamp	6400 lbs
Amplitude with standard clamp	0 to .70 inches
Pile cylinder force	125 tons
Extraction line pull	61 US tons
Suspended weight (without clamp)	7600 lbs
Suspended weight (with standard sheet clamp)	8950 lbs
Length	69 inches
Width at throat	14 inches
Width at widest point	23 inches
Height without clamp	77 inches
Height with standard clamp including guide	100 inches
Hydraulic hose length (standard)	30 m (100 ft)

Amplitude equation: Eccentric moment x 2 / Vibrating Mass

Power(Caterpillar)	C9 Tier III ACERT 280kW (375 hp)
Operating speed	800 to 2,100 rpm
Fuel Consumption @ 2100 rpm	75.4 l/hr(20 g/hr)
Fuel consumption @ 1600 rpm	68.7 l/hr (18.1 g/hr)
Drive pressure	326 bar (4,800 psi)
Drive flow	513 lpm (0-135 gpm)
Close pressure	312 bar (4,600 psi)
Clamp flow	41 lpm (10 gpm)
Weight	5,714 kg (12,600 lbs)
Length	279 cm (110 in)
Width	168 cm (66 in)
Height	172 cm (68 in)
Hydraulic reservoir	1.330 liters (350 gal)
Fuel tank	570 liters (150 gal)



Contact APE Offices for most current literature/specifications.
All literature/specifications are subject to change without notice.



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