

PneuVibe High Performance Compaction Equipment



- PneuVibe's series of boom mounted compactor plates offer models suitable for a wide range of applications, from working in narrow trenches to large backfill operations and provide the most efficient means for vertical and inclined compaction.
- Whether you own a small backhoe or a large crawler excavator, it is simple to connect a PneuVibe compactor plate to your machine's existing hydraulics or even easier if you have existing hydraulic hammer piping.
- Simple to operate. As the vibration produced by rotating the eccentric combined with the downwards pressure of the carrier generates impulse force to be placed wherever your boom will reach. This enables you to compact most soil types to required density levels in efficient lift capacities. Effectively combines sheet and pile driving in certain soil conditions.

The CP Series Compactor is available in the following sizes:

CP15
CP30
CP51
CP100
CP201
CP301



Description	CP15	CP30	CP51	CP100	CP201	CP301
Weight(kg's)	105	195	325	490	685	890
Base Plate Size *** (WxL) (mm)	285x510	310x670	450x875	590x920	680x1000	800x1000
Height (mm)	350	440	570	610	790	810
Centrifugal Force	885	1575	2900	3950	8100	10900
Frequency (rpm)	2500		2300			2100
Carrier Capacity (kg)	1500-4000		3000-7500	3500-10000	12000-22000	18000-40000
Min Oil Flow Requirement (lt/min)*	55/35/20 **		50	70	150/95**	150
Compaction Lift (cms)	15-20	20-50	40-100	60-120	90-150	120-180
Compaction Area (m ²)	0.15	0.2	0.39	0.54	0.68	0.8
**	Motor options available as indicated					
***	Width specials by request					
Specifications subject to change without notice						



Engineered For Optimum Performance And Durability



1) Rubber vibration mounts are angled to the base, so that the pressure exerted by the boom on the top plate causes the mounts to convert from a shear to a compression mode (Patented System).

The system ensures increased elastomer life and minimises vibration transmitted to the boom, thus reducing wear on the pins and bushes of the excavator.



2) The hydraulic motor and hoses are positioned within the protective cradle to prevent them being snagged or damaged on trench walls.

The hydraulic hoses are covered with an anti abrasion wrap for maximum flexibility and durability.



3) Engineered for easy, direct attachment to existing hydraulic hammer mounting heads. This time saving system is ideal for use with quick hitch arrangements. A multi setting, 360° swivel head attachment is also available.



4) Built-in priority valve system monitors the oil flow, providing the correct volume to obtain maximum performance by the compaction plate and avoiding damage to the hydraulic motor due to excessive flow.