

PneuVibe

High Performance Compaction Equipment



CP SERIES COMPACTOR PLATES

- * 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 with PneuVibe attachments.**



The CP Series Compactor is available in the following sizes:

- * CP15
- * CP30
- * CP51
- * CP100
- * CP201
- * CP201HF
- * CP301
- * CP400T



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Description

Description	CP15	CP30	CP51	CP100	CP201	CP201HF	CP301	CP400T
Weight (kg's)	105	195	325	490	710	710	890	1250
Base Plate Size *** (WxL) (mm)	285 x 510	310 x 670	450 x 875	590x920	options 680 X 1000 590 x 1000	options 680 X 1000 590 x 1000	800 X 1000	1200 X 1000
Height (mm)	350	440	570	610	790	790	810	840
Centrifugal Force (kg)	885	1575	2900	3950	8100	8250	10900	23245
Frequency (rpm)	2500		2300			3000	2100	
Carrier Capacity (kg)	1500-4000		3000-7500	3500-10000	12000-22000	12000-22000	18000-40000	25000+
Min Oil Flow Requirement (lt/min)	55/35/20 **		45	65	150/95**	135	150	190
Compaction Lift (cms)	15-20	20-50	40-100	60-120	90-150	90-150	120-180	150+
Compaction Area (M2)	0.15	0.2	0.39	0.54	0.68	0.68	0.8	1.2
**	Motor options available as indicated							
***	Width specials by request							

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 with internal loop, 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.

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