



PneuVibe COMPACTION PLATES

- COMPACT MOST SOIL TYPES
- VERTICAL AND INCLINED COMPACTION
- FROM NARROW TRENCHES TO LARGE BACKFILL OPERATIONS
- COMBINE SHEET
- PERFORM PILE DRIVING
- EFFICIENT
- SAFE
- FAST
- SIMPLE TO CONNECT
- DURABLE

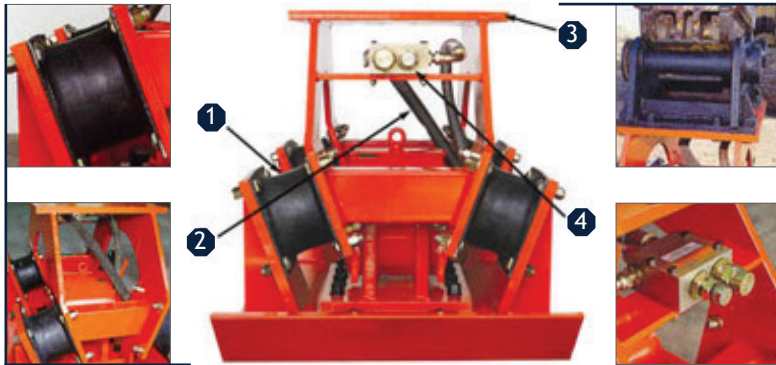
FOR WIDE RANGE OF APPLICATIONS

PneuVibe's series of boom mounted compactor plates are solution for a wide range of applications, from working in narrow trenches to large backfill operations, providing the most efficient means for vertical and inclined compaction.

The impulse force generated from the vibration and static down pressure enables you to compact most soil types to required density levels in efficient lift capacities. The vibration from the compactor is ideal for compacting granular material as generated stress waves bring air to the surface.

With optional clamping devices, Vice Clamp and Post Clamp you can also perform sheet, pile and post driving safer and faster.

ENGINEERED FOR OPTIMUM PERFORMANCE AND DURABILITY



- ① PneuVibes patented system ensures increased elastomer life and minimises vibration transmitted to the boom, thus reducing wear on the pins and bushes of the excavator.
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.
- ② Protective cradle prevents the hydraulic motor and hoses being snagged or damaged on trench walls and hoses are covered with an anti abrasion wrap for maximum flexibility and durability.
- ③ Direct attachment to existing hydraulic hammer mounting heads saves time and 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.

SPECIFICATIONS

	CP15	CP30	CP51	CP100	CP201/250	CP201HF	CP301	CP400T
Weight (kg)	105	195	325	490	710	710	890	1,250
Base plate size *** (WxL) (mm)	285x510	310x670	450x875	590x920	680x1000	680x1000	800x1000	1200x1000
Height (mm)	350	440	570	610	790	790	810	840
Centrifugal force (kg)	885	1575	2,900	3,950	8,100	8,250	10,900	23,245
Frequency (rpm)	2,500	2,500	2,300	2,300	2,300	3,000	2,100	2,000
Carrier capacity (kg)	1500 - 4000	1500 - 4000	3000 - 7500	3500 - 15000	12000 - 22000	12000 - 22000	18000 - 40000	25000+
Min. oil flow req. (ltr/min)	55/35/20 **	55/35/20 **	50	70	150/95 **	135	150	190
Compaction lift (cm)	15 - 20	20 - 50	40 - 100	60 - 120	90 - 150	90 - 150	120 - 180	120 - 200
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

Specifications subject to change without notice

EFFICIENT AND SAFE COMPACTION

- PneuVibe compactor reaches out to compact backfill in unshored trenches without endangering workers
- PneuVibe saves you time as it completes the job faster and cleaner than workers using hand-held machines

SIMPLE TO CONNECT AND OPERATE

PneuVibe compactor plate can be simply connected to your machine's existing hydraulics whether your machine is a small backhoe or a large crawler excavator. If you have existing hydraulic hammer piping on your machine connecting the compactor plate is even easier.

Operating is simple as the vibration produced by the rotating eccentric combined with the down pressure of the carrier generates impulse force to be placed wherever your boom will reach.



With clamping devices you can effectively combine sheet and perform pile driving in certain soil conditions.

POST CLAMPS

Post Clamps offer a simple but effective one person operation to pick up, place and drive posts from 50mm to 300mm diameter. They feature a self locking mechanism in the event of pressure loss.

VICE CLAMP

Vice Clamp is a bolt on, hydraulic device for sheet and pile driving. It has an inbuilt hydraulic accumulator and a pilot operated check valve, ensuring clamping pressure in the event of hose or pressure failure. A safety chain is also included.