

# PV



DOWNLOAD  
THE BROCHURE



WATCH THE  
VIDEO

## VIBRATING PLATE COMPACTORS

category

1.5 - 40 TON



Mini Exc.



Midi Exc.



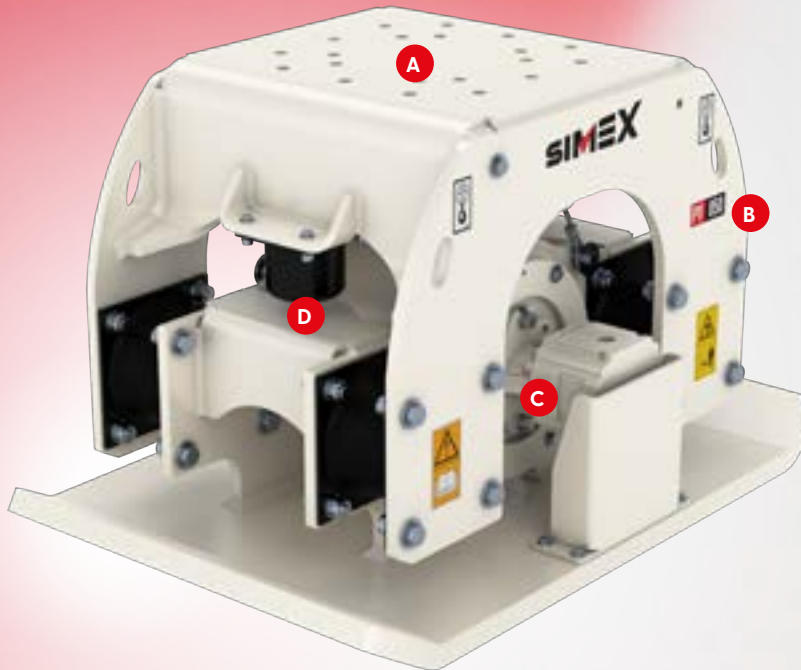
Exc.



Backhoe

models

PV 300 | PV 450 | PV 600 | PV 700 | PV 850

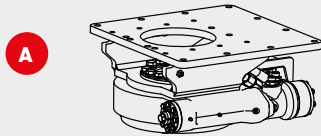


Designed to compact any surface, Simex PV vibrating plate compactors are an excellent solution for **achieving a solid, even, and well-compacted bottom** that will never give way.

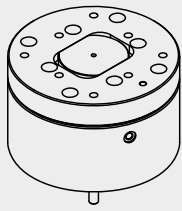
Possibility to mount the rotation device allows compaction in any position, even in the most difficult-to-reach spots.

No routine maintenance is needed. Vibrating oil bath provides for internal lubrication.

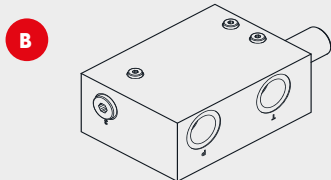




**360° HYDRAULIC ROTATION (OPTIONAL):**  
activated from the cabin, allows compaction in any position, even in the most difficult-to-reach spots.



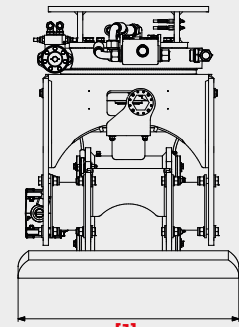
**135° MECHANICAL ROTATION WITH HYDRAULIC LOCKING (OPTIONAL):**  
available on models PV 300, PV 450, PV 600. Does not require additional hydraulic control.



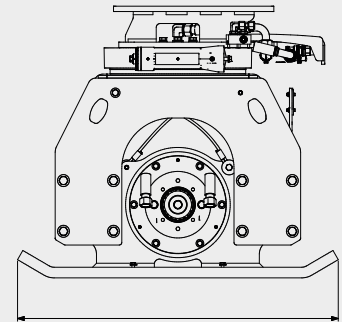
Flow and pressure limiting valve ensures perfect coupling with variety of excavators.

**C** Central vibrating unit, powered by hydraulic motor

**D** End-of-stroke pad



[1]



[2]



PV 450 featuring 135° mechanical rotation



TECHNICAL DATA		PV 300	PV 450	PV 600	PV 700	PV 850
Recommended excavator weight	ton	1.5 - 5	4 - 10	6 - 15	12 - 25	20 - 40
	lbs	3300 - 11000	8800 - 22000	13000 - 33000	26400 - 55000	44000 - 88000
Plate dimensions [1] x [2]	mm	290 x 780	440 x 850	550 x 920	690 x 1160	840 x 1220
	inch	11 x 31	17 x 34	22 x 36	27 x 45	33 x 48
Vibration frequency	n/min	2100	2100	2100	2100	2100
	vpm					
Compaction force	kN	15	27	34	75	93
	lbf	3400	6000	7650	16900	20900
Weight without bracket (*)	kg	185	310	415	740	1005
	lbs	410	685	915	1630	2215
Required oil pressure	bar	160	160	160	160	160
	psi	2320	2320	2320	2320	2320
Required oil flow	l/min	30	57	75	110	155
	gpm	8	15	20	29	41

\* The installer is responsible for ensuring that the equipment meets the excavator's specifications and weight requirement. Simex does not accept responsibility or liability for the information provided. Technical modifications may vary without prior notice.