



PALADIN®

STRIKEFORCE

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TPC PLATE COMPACTORS

FOR EXCAVATORS

Vibratory Plate Compactors are used in general construction and provide a method for effective compaction of soils on worksites that include home construction, multi-unit construction, road construction and repair, runway repair, and soil stabilization through driving of retention plates or columns. Each of these areas requires a solid ground foundation to support heavy loads from buildings or roadways.

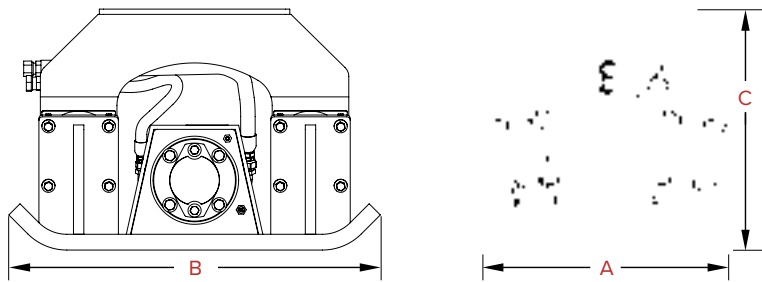
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FEATURES

- “Outboard” shock isolator location to provide the maximum stability in baseplate for optimal transmission of impulse force into effective compaction
- Isolators are angled to reduce damaging shear stresses in the isolator and extend life while providing a functional advantage in delivering compaction forces to the soil
- Integral Flow Control block manages flow and pressure to provide effective and repeatable compaction as well as to protect the hydraulic motor
- Oil Bath bearing design maximizes bearing life while minimizing maintenance needs

SPECIFICATIONS



	TPC250	TPC350	TPC1000
A. OVERALL WIDTH	11.75 in. / 30 cm	18.75 in. / 48 cm	23.5 in. / 60 cm
B. OVERALL LENGTH	30 in. / 75 cm	26 in. / 66 cm	35 in. / 89 cm
C. OVERALL HEIGHT WITHOUT MOUNT	18.84 in. / 47.9 cm	19.15 in. / 48.6 cm	22.91 in. / 58.2 cm
SHIPPING WEIGHT WITHOUT MOUNT	305 lbs / 138 kg	473 lbs / 215 kg	891 lbs / 404 kg
RECOMMENDED FLOW	9 - 25 gpm / 34 - 95 lpm	12 - 25 gpm / 45 - 95 lpm	12 - 25 gpm / 45 - 95 lpm
MAXIMUM BACK PRESSURE	250 psi / 17.2 bar	250 psi / 17.2 bar	250 psi / 17.2 bar
VIBRATIONS PER MINUTE	2000 vpm	2000 vpm	2000 vpm
COMPACTION AREA	353 in ² / 2274 cm ²	488 in ² / 3145 cm ²	823 in ² / 5306 cm ²
IMPULSE FORCE	2500 lbs / 1134 kg	3400 lbs / 1542 kg	6400 lbs / 2903 kg
CARRIER WEIGHT - MINIMUM	5000 lbs / 2268 kg	5000 lbs / 2268 kg	9000 lbs / 4082 kg
CARRIER WEIGHT - MAXIMUM	10000 lbs / 4536 kg	14000 lbs / 6350 kg	28000 lbs / 12701 kg

	TPC2K	TPC4K	TPC10K
A. OVERALL WIDTH	24 in. / 61 cm	25.5 in. / 65 cm	33 in. / 84 cm
B. OVERALL LENGTH	38 in. / 97 cm	38.5 in. / 98 cm	49.5 in. / 126 cm
C. OVERALL HEIGHT WITHOUT MOUNT	24.5 in. / 62.2 cm	29.53 in. / 75 cm	34.55 in. / 87.8 cm
SHIPPING WEIGHT WITHOUT MOUNT	1007 lbs / 457 kg	1553 lbs / 704 kg	2620 lbs / 1188 kg
RECOMMENDED FLOW	24 - 40 gpm / 91 - 151 lpm	28 - 60 gpm / 106 - 227 lpm	40 - 70 gpm / 151 - 265 lpm
MAXIMUM BACK PRESSURE	250 psi / 17.2 bar	250 psi / 17.2 bar	250 psi / 17.2 bar
VIBRATIONS PER MINUTE	2000 vpm	2100 vpm	2100 vpm
COMPACTION AREA	912 in ² / 5884 cm ²	982 in ² / 6334 cm ²	1624 in ² / 10539 cm ²
IMPULSE FORCE	8000 lbs / 3629 kg	11350 lbs / 5148 kg	22000 lbs / 9979 kg
CARRIER WEIGHT - MINIMUM	12000 lbs / 5443 kg	16000 lbs / 7258 kg	50000 lbs / 22680 kg
CARRIER WEIGHT - MAXIMUM	40000 lbs / 18144 kg	50000 lbs / 22680 kg	130000 lbs / 58968 kg