

Hydraulic Plate Compactors

For carriers from 3,000 to 100,000 lbs



TraPac Hydraulic Plate Compactors

TraPac boom-mounted vibratory plate compactors handle the toughest compaction tasks, yet are easy to operate and mount.



Muscle Mate compactor's operating system combines maximum eccentric weight with precise proportions of amplitude and vibration frequency that will generate the most productive centrifugal force. They are capable of handling the toughest compaction jobs, and are available in sizes to fit carriers from 3,000 up to 100,000 lbs.

Maximum production

- Oversize eccentric, driven by compactor's hydraulic motor, produces powerful vibrations transmitted through baseplate to soil
- Vibrations rearrange soil particles, drive out air and moisture for optimum compaction

Minimum maintenance

- Bearings run in oil bath—no greasing required
- Baseplate and eccentric housing integrally mounted, no bolts to tighten.
- Heavy rubber isolators protect carrier boom from vibrations

Fast, easy installation

- Complete installation kits for all carrier models simplify hook-up
- Kits allow easy replacement of carrier bucket with compactor

Vibratory pile driving

- Compactor can double as pile driver in suitably granular soils
- Placed atop a sheet pile, signpost or similar object, compactor's powerful vibrating forces along with slight down pressure will quickly slide the pile into the ground

For dimensions and specifications see the back of this page.

Specifications and Dimensions

Plate Compactors		MM 60	MM 90	MM 140	MM 210	MM 400
Specifications						
Recommended Carrier Weight	<i>US tons</i>	1.5 – 4.5	2.5 – 7	5 – 15	10 – 30	25 – 50
Centrifugal (Impulse) Force	<i>lbs kg</i>	1800 - 3200 815 - 1450	3800 - 8000 1725 - 3629	7000 - 14500 3175 - 6575	15000 - 21500 6800 - 9750	21000 - 40000 9525 - 18140
Cycles per minute	<i>RPM</i>	2600 - 3750	1800 - 2600	1800 - 2600	2000 - 2300	1500 - 2100
Flow Range	<i>Motor gpm lpm</i>	A 8 - 14 30 - 53	A B 12 - 18 24 - 30 46 - 69 91 - 114	B 24 - 30 91 - 114	A B 30 - 34 40 - 44 114 - 129 152 - 167	A 45 - 55 171 - 208
Working Weight	<i>lbs kg</i>	250 115	715 325	850 385	1500 680	2500 1135
Baseplate Dimensions	<i>in mm</i>	12 x 18 305 x 457	23 x 31 584 x 787	23 x 35 584 x 889	23.5 x 41 597 x 1041	35 x 41 889 x 1041
Estimated Lift	<i>in mm</i>	12 - 30 304 - 762	18 - 36 460 - 915	24 - 48 610 - 1220	36 - 60 915 - 1525	48 - 72 1220 - 1830

Quality and dependability: two features you can count on with every MUSCLE MATE product.

All MUSCLE MATE products are engineered for superior performance, manufactured to the most exacting specifications, and—within the guidelines of the industry's most rigid quality control program—thoroughly inspected at every stage of production. All working parts are precision-machined to the closest tolerances, and all materials meet or exceed the highest industry standards. These are but a few of the many vital reasons major contractors worldwide choose our products.

They know that with MUSCLE MATE, reliability is crucial; a basic component conscientiously built into every unit that bears our name.



Muscle Mate is a Tramac Corporation brand.