

# 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 Specifications		MM 60	MM 70	MM 90		MM 110		MM 140	MM 180	MM 210		MM 400
Recommended Carrier Weight lbs	min	3000	3000	5,000		6000		10000	12000	20000		50000
	max	9000	9600	14000		18000		25000	28000	60000		100000
Centrifugal (Impulse) Force	lbs	1800-3200	1800-3200	3800-7000		4200-8500		7000-12000	7000-14500	15000-23500		21000-40000
	kg	815-1450	815-1450	1725-3175		1725-3175		3175-5450	3175-6575	6800-10650		9525-18140
Cycles per minute	RPM	2600-3750	2600-3750	1800-2600		1800-2600		1800-2600	1800-2600	2000-2300		1500-2100
Flow Range	Motor gpm lpm	A	A	A	B	A	B	B	B	A	B	A
		8-14 30-53	8-14 30-53	12-18 46-69	24-30 91-114	12-18 46-69	24-30 91-114	24-30 91-114	24-30 91-114	24-30 91-114	30-34 114-129	40-44 152-167
Working Weight	lbs kg	250 115	298 135	715 325		850 385		930 422	1150 521	2100 680		2700 1482
		12x18 305x457	18x24 457x610	23x31 584x787		24x35 610x900		29x38 740x965	29x41 740x1050	33x47 838x1194		39x51 1000x1300
Estimated Lift	in mm	12-30 304-762	12-30 304-762	18-36 460-915		18-36 460-915		24-48 610-1220	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.**

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