

NPK



Compactor /Drivers



- *Oil Splash Lubrication*
- *Integrated Flow Control and Pressure Relieving Valves*
- *Optional Backfill Blades*
- *Optional Narrow Baseplate*
- *Industry's Most Comprehensive Field Service Corps*
- *Extensive Parts Distribution System*
- *Network of Nearly 300 Distributor Outlets*

NPK ATTACHMENTS...designed, built and backed by NPK.



Greater impulse energy for more compactor/driver productivity!

NPK Compactor/Drivers are designed and built to meet today's demands for greater jobsite productivity, expanding and enhancing the versatility of your backhoe or excavator.



The leader in trench compaction technology, NPK delivers the industry's greatest impulse forces with overall superior performance through hydraulically operated rotating eccentric action. Greater vibration forces generate stress waves in granular or loose soil material, bringing the soil's air to the surface and packing the particles closer together. Greater impulse action works together with the carrier's downward forces to compact cohesive clay-type soils.

Do more work safely a boom's length away

NPK's versatile Compactor/Driver can work productively virtually anywhere your excavator or backhoe boom can reach. In trenches, over and around pipe, to the top of piling and sheeting. Next to foundations and around obstructions. Even on steep slopes or rough terrain where conventional rollers and other machines either can't work or would be hazardous to try. In fact, NPK's Compactor/Drivers can keep workers a full boom's length from the compaction or driving action, away from the danger of cave-ins or equipment contact.

Select the NPK Compactor/Driver that's right for your application

NPK's full selection of Compactor/Drivers gives you the exact power you need for your jobs and jobsite conditions. The right model for carriers ranging from the smallest mini-excavators and backhoe/loaders to the larger excavators.

Headlining the list of models is NPK's C-12C, largest and most powerful boom mounted plate Compactor/Driver available anywhere.

Now available on the new C-4C model Compactor/Driver is the optional narrow baseplate. This 18" x 34" baseplate allows the operator to get into even more restricted spaces.

Optional swivel top to minimize carrier repositioning (not available on the Model C-2D), or optional dedicated top brackets available for quick-attach applications.

Heavy-duty, high-efficiency gear motor.

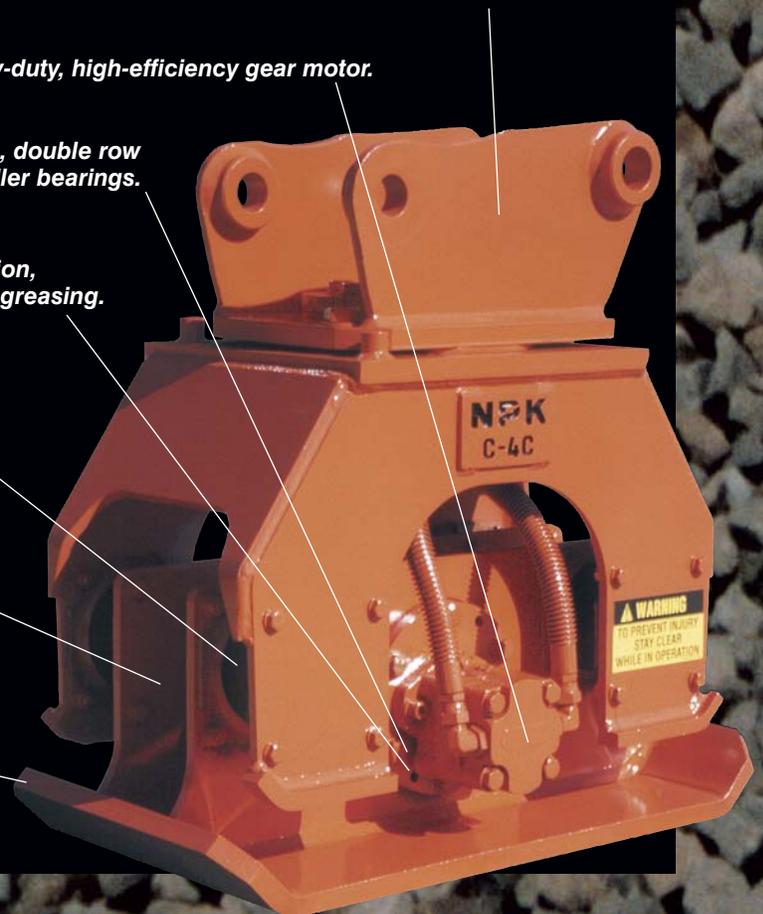
Self-aligning, double row spherical roller bearings.

Oil splash lubrication, eliminates routine greasing.

Rubber shock mounts to isolate vibration.

Direct drive eccentric mass.

Standard baseplate width of 23" and the narrow baseplate width of 18" now available on the C-4C model.

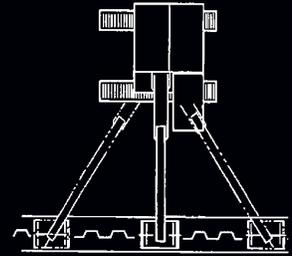


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Cost saving versatility that is more than a promise!

NPK Compactor/Drivers actually deliver on the promise of greater cost-efficiency and jobsite versatility - operating advantages that are absolutely required by today's contractors and budget-conscious municipalities. Utilizing your carrier's hydraulic system, you save on fuel as well as the need for other costly machines and equipment, using your versatile NPK Compactor/Driver for:

- Compacting or driving anywhere a boom can go, and often where a man cannot.
- Driving pile, wood and aluminum sheeting, fence posts, guardrail posts, rail and I-beams, piling and seawalls, etc.
- Soil and aggregate compaction.
- Trench compaction, as deep as a bucket can dig.
- Steep slope compaction.
- Waste compaction at transfer stations, etc.
- Breaking up frozen coal, salt and other material.
- Extracting piling and sheeting.



Swivel feature to avoid machine repositioning

NPK's optional self-aligning swivel can align your Compactor/Driver to nearly any job from nearly any carrier position. With an excavator positioned over, parallel or perpendicular to the job, you can work productively in tight quarters, narrow trenches next to foundation walls and around manholes or other obstacles. When it's not needed, the swivel can be locked in place, either parallel or perpendicular to the boom.

Integrated flow control and pressure relieving valves protect the motor from excessive flow and pressure.

Hoses are routed out of the back of the compactor, safely away from the trench wall.

Internally routed hoses for maximum protection.

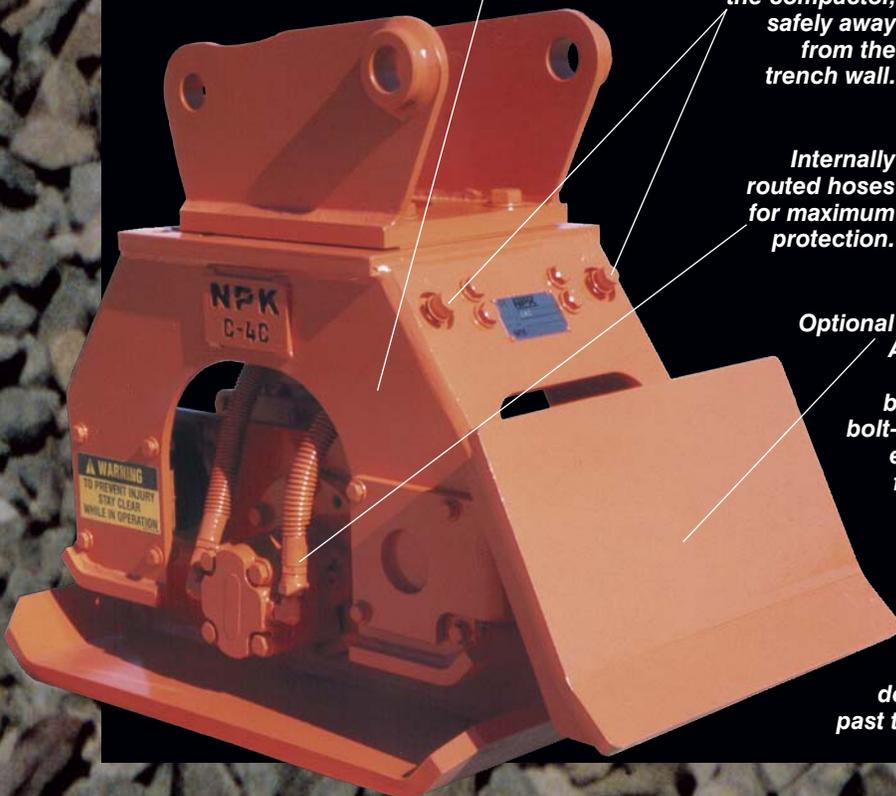
Optional backfill blade - Available on all models. This backfill blade is bolt-on and can be easily removed for trenchwork and transport (note: when the backfill blade is removed the backfill blade bracket does not extend past the baseplate).

Designed and built for reliability

NPK Compactor/Drivers are designed and built for optimum dependability on the most demanding jobsites. Rugged welds, heavy-duty direct drive gear motors, durable rubber shock mounts and self-aligning, double row, spherical roller bearings with a heavy-duty roller cage.

Engineered ease of installation

NPK installation kits allow for fast, easy installation with virtually any backhoe and excavator. NPK's fully engineered installation kits include steel tubes for boom and dipper stick as well as all hydraulic fittings, hoses, valves and instructions, allowing you to switch from bucket to Compactor/Driver to Hammer.



NPK

COMPACTOR/DRIVERS

More compacting power with excavators and backhoes

Specifications						
NPK Model	C-2D	C-4C	C-6C	C-8C	C-10C	C-12C
Impulse Force	3,500 lbf 1,600 kgf	7,800 lbf 3,550 kgf	16,000 lbf 7,300 kgf	24,000 lbf 11,000 kgf	34,000 lbf 15,450 kgf	45,000 lbf 20,400 kgf
Cycles per Minute	2400	2100	2200	2200	2200	2200
Oil Flow Required (Standard)	11-13 gpm 42-49 lpm	18-22 gpm 68-83 lpm	28-33 gpm 106-125 lpm	38-43 gpm 145-160 lpm	40-51 gpm 150-193 lpm	55-70 gpm 210-265 lpm
(Low Flow Option)	Contact NPK					
Operating Pressure*	1500-2000 psi 105-140 bar	1700-2200 psi 117-150 bar	1800-2300 psi 125-160 bar	2000-2500 psi 140-170 bar	2000-2500 psi 140-170 bar	2000-2500 psi 140-170 bar
Relief Pressure Setting	2500 psi 170 bar	2600 psi 180 bar	2600 psi 180 bar	2600 psi 180 bar	2600 psi 180 bar	2600 psi 180 bar
Swivel Feature	N/A	Optional	Optional	Optional	Optional	Optional
Baseplate Dimensions (Standard)	12 x 25 in 30.5 x 63.5 cm	23 x 34 in 58 x 86 cm	29 x 40 in 74 x 102 cm	34 x 46 in 86 x 117 cm	40 x 52 in 102 x 132 cm	45 x 58 in 114 x 147 cm
Compaction Area (Standard)	2.1 sq ft 0.2 sq m	5.4 sq ft 0.5 sq m	8.1 sq ft 0.75 sq m	10.9 sq ft 1.0 sq m	14.5 sq ft 1.3 sq m	18.1 sq ft 1.7 sq m
Baseplate Dimensions (Narrow)	N/A	18 x 34 in 46 x 86 cm	Special Order	Special Order	Special Order	Special Order
Compaction Area (Narrow)		4.3 sq ft 0.4 sq m				
Weight (Fixed Top Bracket with Standard Baseplate)	390 lb 177 kg	910 lb 414 kg	1650 lb 750 kg	2240 lb 1018 kg	3530 lb 1600 kg	4350 lb 1975 kg
(Swivel Top Bracket with Standard Baseplate)	N/A	960 lb 436 kg	1715 lb 778 kg	2325 lb 1056 kg	3615 lb 1640 kg	4475 lb 2030 kg
(Fixed Top Bracket with Narrow Baseplate)	N/A	870 lb 395 kg	N/A	N/A	N/A	N/A
(Swivel Top Bracket with Narrow Baseplate)	N/A	920 lb 418 kg	N/A	N/A	N/A	N/A
Height	28 in 711 mm	30 in 762 mm	39 in 991 mm	45 in 1143 mm	50 in 1270 mm	55 in 1397 mm
Width	12 in 305 mm	23 or 18 in 584 or 454 mm	29 in 736 mm	34 in 860 mm	40 in 1016 mm	45 in 1144 mm
Bracket Inside Width**	7 in 178 mm	10-1/4 in 260 mm	12-1/2 in 318 mm	14-9/16 in 370 mm	Varies with carrier	Varies with carrier
Recommended Carrier Weight	5,000-12,000 lb 2,300-5,500 kg	10,000-25,000 lb 4,500-11,500 kg	16,000-42,000 lb 7,000-19,000 kg	30,000-65,000 lb 14,000-29,500 kg	60,000-100,000 lb 27,000-45,000 kg	80,000-140,000 lb 36,000-63,500 kg

*Operating pressures shown are with standard hydraulic motor. Operating pressures will be different with optional hydraulic motors.

**Options are available for special applications. Specifications subject to change without notice.

NPK...All the Right Attachments! With innovation throughout construction's most extensive line.



Hydraulic Hammers



Primary/Secondary Crushers



Material Processors



Pedestal Breaker Systems



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