

Pro-50 4S Backpack 4 Cycle Vibrator



For the past 15 years NORTHROCK'S two stroke Pro-50 backpacks have become synonymous with very powerful, rugged, yet light weight portable vibrators. The new Pro-50 4S Backpacks were developed to compliment our two stroke engine line by offering a four stroke Honda engine. Built with the same attention to quality, the four stroke engines meet higher emission requirements and do not require a fuel oil mix. They can also be used with any brand flexible shaft and head.

FEATURES:

- ❑ Honda GXH-50 4-stroke engine, uses regular gas, no need to mix oil with gas
- ❑ High efficiency synchronous drive belt transmission with cast aluminum housing that steps up engine speed to achieve optimal vibrations per minute
- ❑ Universal counter shaft accommodates all brands of vibrators so you can use the shafts and heads you already stock
- ❑ Strong steel tubular frame with ergonomic molded back pad and padded shoulder straps
- ❑ Power vibrator heads form 3/4" to 2 1/2"





Specifications

Engine: 50cc Gasoline - 2 1/2hp
 Flexible Shafts: Up to 21'
 *Vibrator Heads: 3/4", 1", 1 1/4", 1 1/2", 1 3/4", 2", 2 1/2"
 Vibration Frequency: 10,000 vpm Minimum

Vibrator Head Specifications

Head Diameter & Length inches / mm	Centrifugal Force pounds / N	Amplitude to side at tip inches / mm	Radius of Influence inches / mm	Capacity y3/hr / m3/hr
3/4 x 12 19 x 305	112 498	.070 1.78	4 102	4 3.64
1 x 13 25 x 330	183 820	.075 1.91	5 127	6 5.46
1-1/4 x 13 32 x 330	430 1.913	.080 2.03	7 178	8 7.28
1-1/2 x 14 38 x 356	760 3.380	.090 2.29	14 356	12 10.92
1-3/4 x 14 44 x 356	1100 4.893	.110 2.79	18 457	24 21.84
2 x 14 51 x 356	1450 6.450	.130 3.30	22 559	35 31.85

Vibrator Heads

NORTHROCK vibrator heads are available in a range of diameters from 3/4" to 2 1/2". Diameter needed is determined by matching the radius of influence of the head to the area within the form to be vibrated. Our high performance eccentrics are lubricated in an synthetic oil bath that requires no maintenance for the life of the head.

Special Heads

In addition to the standard heads we also offer short heads (1 1/2" to 2") for use with tilt-up walls, slabs and decks. Coated heads (1 1/2" to 2 1/2" for use with epoxy coated Rebar and soft tipped heads that protect expensive forms from marring.



Flexible Shafts

All NORTHROCK flexible shafts are constructed with rubber coated steel braiding which prevents stretching, and hardened steel inner liners that act as the bearing surface for the inner core. We have both standard duty shafts and pencil shafts. The standard duty shafts are stiffer for better poking control, while the pencil shafts (only used on 3/4" - 1 1/4") are more flexible and used to reach tight areas such as a block wall. Flexible shafts are made from 1' to 30', all though we recommend a maximum of 21' with the Pro-50 4S.



Lifetime Warranty

All NORTHROCK products are manufactured to the highest quality standards. If a vibrator fails due to a manufacturing defect, we will repair or replace it at absolutely no charge for the life of the product.



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