Selection Chart

All Heads, Shafts and Power Units Are Interchangeable*

1. Select Head Size **2.** Select Shaft Length **3.** Select Power Unit (Do Not Exceed Maximum Head Size)

HEADS

Steel

	Part No.
*3/4"	HP 075 OZ
1"	H 100 OZ
1 1/4"	H 125 OZ
1 1/2"	H 150 OZ
1 3/4"	H 175 OZ
2"	H 200 OZ
2 1/2"	H 250 OZ

Short Heads

	Part No.
*3/4 x 6"	HSP 075 OZ
1 1/4 x 6"	HS 125 OZ
1 3/4 x 6"	HS 175 OZ

* Pencil Head requires Pencil Shafts

High Efficiency RubberHead®

	Part No.
1 7/8"	HR 188 OZ
2 1/2"	HR 250 OZ
2 3/4"	HR 275 OZ
2 3/4x6"	HSR 275 OZ

Rubber noses
Available for all steel heads. Add "RT" to Steel Head Part No.

SHAFTS

	Part No.
2'	FS 02 0Z
5'	FS 05 OZ
7'	FS 07 OZ
10'	FS 10 OZ
12'	FS 12 OZ
14'	FS 14 OZ
16'	FS 16 OZ
18'	FS 18 OZ
21'	FS 21 OZ

Pencil Shafts

3'	FSP 03 OZ
6'	FSP 06 OZ
9'	FSP 09 OZ
11'	FSP 11 OZ
15'	FSP 15 OZ
20'	FSP 20 OZ

All dimensions shown are nominal, actual dimensions may vary. Call for details.

POWER UNITS

Electric Motors

Model	Amps	HP	Maximum Head Size Steel	Maximum Head Size Rubber
1.2 OZ	9	1 1/4	1 1/2"	None
1.8 OZ	15	1 3/4	1 3/4"	None
2.4 OZ	17	2 1/4	2"	1 7/8" 2 3/4" short
3.2 OZ	19	3 1/4	2 1/2"	2 3/4"

Gas Engines

Back Packs

BP - 35	–	1 3/4	1 ½"	None
BP - 50a	–	2 1/2	2 1/2"	2 1/2" 2 3/4" short

Carry Handle Models (Briggs & Stratton/Honda)

GV-5	–	5/5.5	2 1/2"	2 3/4"

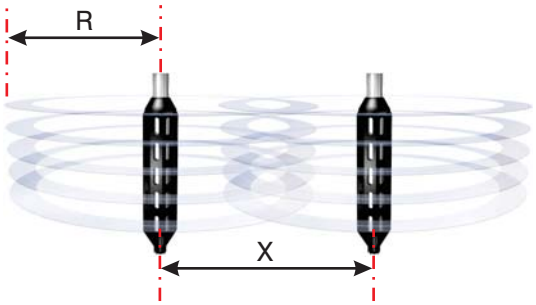
Wheelbarrow (Briggs & Stratton/Honda)

GV-5W	–	5/5.5	2 1/2"	2 3/4"

All Oztec vibrators meet or exceed ACI specification #309

Radius of Action - The most important bit of information needed for complete consolidation.
Radius of Action is the distance from the center of the vibrator to the outer edge, where complete consolidation takes place (see diagram). For quality concrete Oztec lists conservative values for "Radius of Action". Complete consolidation is necessary for low slump concrete with close meshed reinforcement bars, high strength concrete and architectural concrete. Radius of Action can be twice the listed values when slump is high or super plastisizers are used. It is important these values are used only as a general guide. Specifications are subject to change.

Head Diameter	Radius of Action (R- inches)	X = 1 1/2 Times Radius of Action	Amplitude Centerline to Side (inches)	Centrifugal Force (pounds)	Compaction Rate (cu. yds. / hour)
		Steel Heads			
3/4"	3	5	0.03	155	1-3
1"	4	6	0.04	220	2-4
1 1/4"	5	8	0.04	510	2-5
1 1/2"	6	9	0.05	920	5-8
1 3/4"	9	14	0.08	1200	8-16
2"	11	17	0.075	1500	12-20
2 1/2"	13	20	0.08	1850	23-30
		Rubber Heads			
1 1/2"	9	13.5	0.075	1050	9-13
1 7/8"	11	16	0.09	1400	10-18
2 1/2"	14	20	0.12	1900	14-22
2 3/4"	18	27	0.12	2100	25-35
2 3/4" short	15	22	0.12	1100	9-15



R - Radius of Action
X - Insertion Spacing