

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

HEADS		SHAFTS		POWER UNITS																																	
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 2 1/2 x 6" HS 250 OZ Special Pencil Head*  *3/4" HPMV 075 OZ (mild vibration) * 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.		 Part No. 2' FS 02 OZ 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		Electric Motors  <table border="1"> <thead> <tr> <th>Model</th> <th>Amps</th> <th>HP</th> <th colspan="2">Maximum Head Size</th> </tr> <tr> <th></th> <th></th> <th></th> <th>Steel</th> <th>Rubber</th> </tr> </thead> <tbody> <tr> <td>1.2 OZ</td> <td>9</td> <td>1 1/4</td> <td>1 1/2"</td> <td>None</td> </tr> <tr> <td>1.8 OZ</td> <td>15</td> <td>1 3/4</td> <td>1 3/4"</td> <td>None</td> </tr> <tr> <td>2.4 OZ</td> <td>17</td> <td>2 1/4</td> <td>2"</td> <td>[1 1/2" short 2 3/4" short</td> </tr> <tr> <td>3.2 OZ</td> <td>19</td> <td>3 1/4</td> <td>2 1/2"</td> <td>2 3/4"</td> </tr> </tbody> </table> Gas Engines  Back Packs BP - 35 - 1 3/4 1 1/2" None BP - 50a - 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"		Model	Amps	HP	Maximum Head Size					Steel	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 1/2" short 2 3/4" short	3.2 OZ	19	3 1/4	2 1/2"	2 3/4"
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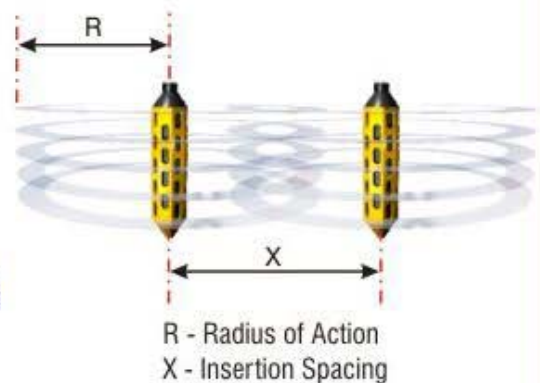
All Oztec vibrators meet or exceed ACI specification #309

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 plasticizers 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