

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.	Head Size
HP 075 OZ	*3/4"
H 100 OZ	1"
H 125 OZ	1 1/4"
H 150 OZ	1 1/2"
H 175 OZ	1 3/4"
H 200 OZ	2"
H 250 OZ	2 1/2"

Short Heads

Part No.	Head Size
HSP 075 OZ	*3/4 x 6"
HS 125 OZ	1 1/4 x 6"
HS 175 OZ	1 3/4 x 6"
HS 250 OZ	2 1/2 x 6"

Special Pencil Head*

HPMV 075 OZ	*3/4" (mild vibration)
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High Efficiency "Rubber Head"



Part No.	Head Size
HR 150 OZ	1 1/2"
HR 188 OZ	1 7/8"
HR 250 OZ	2 1/2"
HR 275 OZ	2 3/4"
HSR 275 OZ	2 3/4"x6"

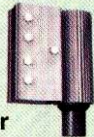


Rubber noses

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

"NEW" Rebar Shaker

For vibrating concrete in blockwall cells. For use with a 1.2 electric motor.
Part No. RS 120 OZ



SHAFTS



Part No.	Shaft Length
FS 02 OZ	2'
FS 05 OZ	5'
FS 07 OZ	7'
FS 10 OZ	10'
FS 14 OZ	14'
FS 16 OZ	16'
FS 18 OZ	18'
FS 21 OZ	21'

Pencil Shafts

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

POWER UNITS

Maximum Head Size

Model	Amps	HP	Steel	Rubber
Electric Motors				
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"

Gas Engines



Model	Amps	HP	Steel	Rubber
Back Packs				
BP - 31	-	1 1/2	1 1/2"	None
BP - 50	-	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"

* Pencil Head requires Pencil Shafts

All Oztec vibrators meet or exceed ACI specification #309

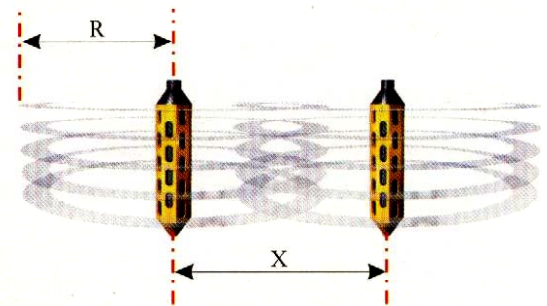
Radius of Action - The most important bit of information needed for complete consolidation.

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



R - Radius of Action
X - Insertion Spacing