












Power Equipment

Concrete Vibrators 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		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" 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 <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>BP - 31</td> <td>-</td> <td>1 1/2</td> <td>1 1/2"</td> <td>None</td> </tr> <tr> <td>BP - 50</td> <td>-</td> <td>2 1/2</td> <td>2 1/2"</td> <td>2 1/2" 2 3/4" short</td> </tr> </tbody> </table>  Carry Handle Models (Briggs & Stratton/Honda) <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>GV-5</td> <td>-</td> <td>5/5.5</td> <td>2 1/2"</td> <td>2 3/4"</td> </tr> </tbody> </table>  Wheelbarrow (Briggs & Stratton/Honda) <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>GV-5W</td> <td>-</td> <td>5/5.5</td> <td>2 1/2"</td> <td>2 3/4"</td> </tr> </tbody> </table>					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" 2 3/4" short	3.2 OZ	19	3 1/4	2 1/2"	2 3/4"	Model	Amps	HP	Maximum Head Size					Steel	Rubber	BP - 31	-	1 1/2	1 1/2"	None	BP - 50	-	2 1/2	2 1/2"	2 1/2" 2 3/4" short	Model	Amps	HP	Maximum Head Size					Steel	Rubber	GV-5	-	5/5.5	2 1/2"	2 3/4"	Model	Amps	HP	Maximum Head Size					Steel	Rubber	GV-5W	-	5/5.5	2 1/2"	2 3/4"
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All Oztec vibrators meet or exceed ACI specification #309



Power Equipment

WACKER

Vibratory Rammers

- Wacker's 2-cycle engine, meets EPA air emission standards.
- Vented carburetor evacuates air from fuel line for easy starting.
- Patented oil pump system eliminates spark plug fouling and carbon buildup.
- Three-stage air filtration system provides a cleaner running machine. A filter minder tells the operator when the air filter needs to be changed.
- No-mix system.
- Fuel to oil ratio of 120:1 allows for longer and cleaner running times.
- Low oil switch.
- Built-in shockmount system to reduce HAV (hand-arm vibration).
- Single lever controls engine starting, speed, and stopping.
- Large capacity, corrosion proof fuel tank with self-cleaning, in-tank filter.
- Fully sealed, oil-lubricated ramming system.



BS 60-2i

- Three-stage air filtration system provides a virtually dust-free engine for longer life and improved durability.
- The special throttle/governor linkage system maintains a constant engine speed (stable RPMs) for smoother operation and reduced maintenance.
- Dedicated 4-cycle crankcase for increased durability and reduced maintenance.
- Crankcase breather system and three-piece piston oil ring provide for lower oil consumption.
- Built-in shockmount system to reduce HAV (hand-arm vibration).
- Large capacity, corrosion proof fuel tank with self-cleaning, in-tank filter.
- Fully sealed, oil-lubricated ramming system.



BS 60-4

- Well-balanced, lightweight machine.
- A unique three-stage air filtration system provides a virtually dust-free engine for longer life and improved durability.
- A filter minder tells the operator when the air filter needs to be changed.
- Patent-pending vented carburetor evacuates air from the fuel line for easy starting.
- An integrated fuel valve and gas lever provide for simple operation and easy starting by eliminating air in the fuel line.
- The guide handle offers a highly engineered, built-in shockmount system to reduce HAV (hand-arm vibration) and improve operator comfort.
- Wacker's WM 80 engine is specifically designed to withstand rammer applications.



BS 50-2

Vibratory Rammer

- A durable Yanmar diesel engine provides exceptional performance, fuel economy and long life.
- The large capacity, corrosion proof fuel tank with self-cleaning, in-tank filter offers long life and minimum maintenance.
- Three-stage air filtration system provides a virtually dust-free engine for longer life and improved durability. A filter minder tells operator when the air filter needs to be changed.
- Single lever controls engine starting, speed and stopping for operator convenience.
- Built-in shockmount system to reduce HAV (hand-arm vibration) and improve operator comfort.



DS 70

Vibratory Plates

- Tough, wear resistant, ductile iron baseplate.
- Computer designed baseplate has tapered bottom and edges.
- Lightweight, high strength aluminum components including the engine console and bearguard.
- Straight, center-mounted guide handle.
- Large capacity polyethylene water tank is located within the front lift cage for protection.
- Angled holes on spray bar allow complete water coverage.
- High inertia clutch with adjustable shims.
- Rear lifting handles and front lift cage.



WP 1550W

WP 1540

- Infinitely variable forward and reverse operation, including "spot" compaction.
- Adjustable guide handle.
- Heavy-duty roll cage and lifting eyes.
- Powerful diesel engines.
- Totally enclosed V-belt drive and oil-lubricated exciter running on heavy-duty roller bearings.
- Optimum shockmount design.
- Impact and wear resistant ductile iron baseplate.
- Low profile and narrow width.
- Standard extension plates can be removed for narrow trench work.
- Variable speed for thick and thinner soil lifts.
- Protective apron keeps materials out of baseplate.



BPU 5045A

DPU 5045H

DPU 6055

Reversible Vibratory Plate

- Infinitely variable forward and reverse operation for variable applications and soil conditions.
- Adjustable guide handle.
- Oil pressure and battery charge level indicators.
- Compact design with low center of gravity and low working height.
- Wear resistant ductile iron baseplate.
- Heavy-duty protective frame with central lifting point and hinged access covers.
- High centrifugal force and travel speed.



DPU 100-70

Vibratory Rollers

- Dual smooth drums with beveled edges.
- Low oil shutdown for maximum engine protection.
- Guide handle folds for compact storage, and features excellent shock mounting for low vibration.
- Large rubber shock mounts absorb vibration to the upper components.
- Easy to operate handle with vibration control.
- Unique clutch/pump drive system provides easy cold weather starting and allows for no-load starting of engine.



RD 7H-ES

- Dual frequency per drum is throttle lever controlled and accurately matches the roller to the job.
- Air filtration system features a two-stage cyclonic filter and an easy to read filter minder.
- Large hood opens to fully expose engine and internal components.
- Intermittent sprinkler system offers a three-stage filter system for added reliability and removable water tank has large drain nozzle.
- Ergonomically designed operator's platform offers excellent visibility. Heavy-duty shockmounts to reduce HAV (hand-arm vibration).
- All models feature standard, foldable ROPS (Roll Over Protection System).



RD 27

WACKER

Power Equipment

Walk-Behind Trowels

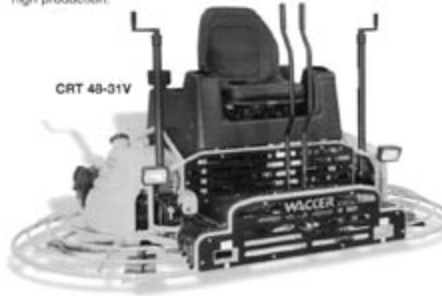
- 36-Inch Models:**
 CT 36ADR, CT 36ADP-E
 CT 36AGR, CT 36AGP-E
 CT 36AGT, CT 36AGT-E
 CT 36AVP, CT 36AVT
- 48-Inch Models:**
 CT 48ADR, CT 48ADP-E
 CT 48AGR, CT 48AGP-E
 CT 48AGT, CT 48AGT-E
 CT 48AVP, CT 48AVT



CT 48AVT

Ride-on Trowels

- Some models offer overlapping and non-overlapping operation on the same machine.
- Variable clutch provides proper torque and speed range to match concrete conditions.
- Correct power-to-weight ratio for better floating and high production.
- Ergonomically designed twin lever control.
- Gearbox drive system transfers maximum torque to rotors.
- Front and rear lighting system.
- Heavy-duty gearboxes offer dual shaft oil seals.



CRT 48-31V

Vibratory Truss Screed

- Bolted construction allows fast assembly without special tools.
- Wide span up to 75 feet for large pours.
- T-bolt adjuster for flat, crowned, or inverted strike-off.
- Ergonomic winch system for one person operation.
- Connector plate provides rigidity for even vibration and fast assembly.
- Eccentric weights located near shaft bearings prevent shaft whip and extend bearing life.
- Lightweight, high strength aluminum truss.
- Self-contained unit will run on any form, such as pipe, wood, block or metal.
- Accessories include recessing attachment, wall slider and outrigger.



Flex Shaft Vibrators

- Lightweight and rugged.
- Double insulated and grounded motor.
- Dual air filters.
- High frequency and amplitude of the vibrator head on the Head, Motor, Shaft (HMS) System.
- Motor airflow from rear to front prevents dust buildup.
- Standard quick disconnect coupling on motor facilitates shaft exchange.
- Quick release brush covers.
- Dust and waterproof on-off switch.
- Strain relieved electrical cord.
- Integrated quick disconnect couplings on shafts easily connect to all Wacker motors, offering 62 combinations.
- Oil resistant reinforced rubber shafts with steel reinforced coils on the quick disconnect end.
- Four head bearings lubricated with high temperature resistant synthetic oil.
- Hardened head housing and tip.
- Circuit breaking carbon brushes stop motor when replacement is required.
- Standard 60 Hz electrical power.



M 3000

Solid State Vibrators

- Lightweight, compact unit plugs directly into standard 115V outlet.
- Soft start eliminates amperage surge at start-up.
- Built-in motor protection for short circuits, ground fault, high temperature, voltage variations, and phase failures.
- Class H windings plus thermal protection switches.
- Induction hardened vibrator housing inside and outside for extended operating life.
- Three phase induction motor.
- Oil lubricated high performance roller bearings.
- Fast vibrator head replacement eliminates need for special tools.
- Sealed switch housing.
- Lightweight electric breaker.
- Special vibration dampened protective hood and low recoil air cushioned percussion system.
- Direct impact on the tool creates high breaking performance without power robbing intermediate piston.
- Extra handle.
- Circuit breaker carbon brushes shut off current to motor when worn. Easy access to brushes.
- Quick change tool holder accepts the standard industry tool size of 1-1/8" hex x 6" shank. A selection of tools are available for all your applications.
- Powerful 115 volt 15 amp universal electric motor is double insulated.
- Standard 115 volt plug.
- Armature uses steel cable to give high resistance to impact and vibration for longer life.



IRFUN 57

Breakers



EH 27

Portable Cut-off Saws

- "Long Life Lubrication" L3 piston with a special graphite surface coating to eliminate piston and cylinder overheating.
- Air cleaning system allows dust to be shaken off the preliminary filter through the machine's own vibration. Plus 54 percent larger filtering surface increases life.
- Increased cooling air supply.
- Starter rope has been treated with silicone, providing added protection against rope damages.
- The blade guard can be adjusted effortlessly and infinitely by hand.
- Highest power-to-weight ratio of their class.



BTS 1035L3

Submersible Pumps

- Single-phase submersible pumps.
- Lightweight, compact design.
- Built-in thermal protection.
- Heavy-duty power cord with strain relief.
- Insulation on all power cable conductors are protected by a water block system.
- Silicon carbide faced double mechanical seals run in an isolated oil-filled cavity.
- Preliminary v-ring or lip seal (depending on model) shields the mechanical seal.
- Semi-vortex impeller (except for PS2 750).
- Semi-open ductile iron impeller with replaceable/adjustable, stainless steel wearplate (PS2 750 only).



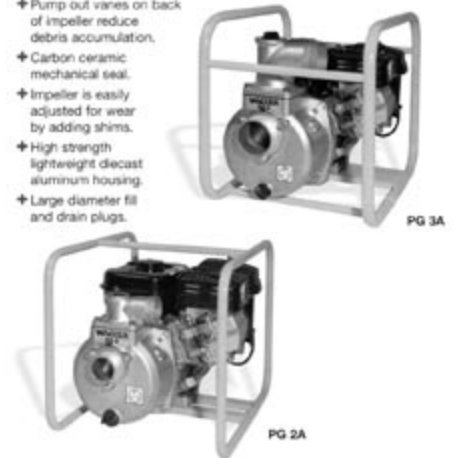
PS2 400

PS2 500

PSA2 500

Dewatering Pumps

- Compact size.
- Cast iron internal wear parts, including the impeller and volute.
- Pump out vanes on back of impeller reduce debris accumulation.
- Carbon ceramic mechanical seal.
- Impeller is easily adjusted for wear by adding shims.
- High strength lightweight diecast aluminum housing.
- Large diameter fill and drain plugs.
- Heavy-duty protective frame.
- Reliable engines equipped with low oil shutdowns.



PG 3A

PG 2A