
















S No.	PRODUCT NAME & PICTURES	FEATURES	SPECIFICATIONS
1		<p style="text-align: center;"><b><u>India Mark-II Deep well Hand Pump</u></b></p> <p>A unique pivot assembly (sealed ball bearings for the handle on a stainless steel axle) adds to the ease of operation and lower maintenance needs. 125 mm stroke length of the handle provides a water discharge of 17 liters per minute per 40 strokes with the cylinder installed in the range of the 15 m to 45 m below-ground level.</p> <p>The water tank assembly has an appropriate coupler to suit 32 mm NB medium class galvanized iron (G I) riser pipes or <math>\mu</math>PVC pipes. Riser pipes are comprised of locally available standard 32 mm NB G I pipes. Other options such as u pvc, HDPE &amp; FGP are also available.</p> <p>Connecting rods are of cold drawn bright steel bar with threaded and couplers and are electro-galvanized against corrosion. Alternatively stainless steel rods or FGP rods are also available for better performance. The cylinder is made from a cast iron casing with a polished brass liner and gun metal plunger and check valve components. Seals (pump buckets, valve seals and cap seals) are available in environmentally safe nitrile rubber. Other options include stainless steel, brass and <math>\mu</math> PVC. The cylinder is adaptable for use with Universal Cylinder components.</p> <p>With minor modifications this pump can be easily adapted for shallow wells, windmills and motorized operations.</p>	<p>Minimum Bore Size: 100 mm.  Internal dia. of Cylinder: 63.5 mm  Stroke length :125<math>\pm</math>4 mm  Average discharge per stroke :16 liters per minute of 40 strokes  Operating depth (approx.) : Up to 45 meters</p>
2		<p style="text-align: center;"><b><u>Shallow Well Hand Pump</u></b></p> <p>These pumps are designed using finest quality steel and known for inbuilt strength and longer working life. These pumps work based on ground mechanism and are designed in order to provide accurate alignment of the connecting rod.</p> <ul style="list-style-type: none"> <li>• Inbuilt strength</li> <li>• Flawless performance</li> <li>• Resistant to corrosion</li> </ul>	<p>Minimum Bore Size : 100 mm  Internal dia. of Cylinder: 63.5 mm  Stroke length : 125<math>\pm</math>4 mm  Average discharge per stroke : 16 liters per minute of 40 strokes  Operating depth (approx.) : Up to 45 meters</p>



3		<p style="text-align: center;"><b><u>Uganda Modified Hand Pump</u></b></p> <p>Easy to install and lightweight, these machines have gained huge appreciation in the market. We have availed polished brass liner lined cylinder for aggressive water conditions</p> <ul style="list-style-type: none"> <li>• Lightweight</li> <li>• Corrosion resistant</li> <li>• Easy to install</li> </ul>	<p>Minimum Bore Size 100 mm  Internal dia. of Cylinder 50 mm  Stroke length 225±3 mm  Average discharge per stroke 15 liters per minute of 40 strokes  Operating depth (approx.) Up to 45 meters</p>
4		<p style="text-align: center;"><b><u>Extra Deep well Hand Pump</u></b></p> <p>Finest quality steel and integrated with advanced working mechanism. These pumps offer optimum water discharge and are suitable for preventive maintenance with simple tools. Offered range of pumps is designed as per the approved industry norms and is supplied with a telescopic stand.</p> <ul style="list-style-type: none"> <li>• Longer working life</li> <li>• Optimum water discharging capacity</li> <li>• Sturdy design</li> </ul>	<p>Minimum Bore Size : 100 mm  Internal dia. of Cylinder : 63.5 mm  Stroke length : 100±4 mm  Average discharge per stroke :14 liters per minute of 40 strokes  Operating depth (approx.) : Up to 90 meters  Depth Range : M Weight  40 to 60 One weight  61 to 70 Two weight  71 to 80 Three weight  81 to 90 Four weight</p>
5		<p style="text-align: center;"><b><u>Afridev Hand Pump</u></b></p> <p>Designed with variable handle settings, these pumps can be used in accordance with the changes in static water levels. We assure our customers long-term usage of these products as per their requirements</p> <ul style="list-style-type: none"> <li>• Lightweight</li> <li>• Easy to install</li> <li>• Heavy-duty design</li> </ul>	<p>Minimum Bore Size: 100 mm  Internal dia. of Cylinder: 50 mm  Stroke length: 225±3 mm  Average discharge per stroke : 17 liters per minute of 40 strokes  Operating depth (approx.): Up to 80 meters</p>



6		<p style="text-align: center;"><b><u>Lift Pumps</u></b></p> <p>Left pumps that are flawless in terms of performance. Force and lift hand pump can pump water from a well to an overhead tank directly. The offered range of pumps is manually operated and is of great use in lifting water for storage and distribution where electric supply is not available</p> <ul style="list-style-type: none"> <li>• Easy to install</li> <li>• Lightweight</li> <li>• Resistant to corrosion</li> </ul>	<p><b>Installation : 100mm to 150mm diameter bore wells</b></p> <p><b>Lift water : up to 6 m above the ground level</b></p> <p><b>Rated Discharge : 900 LPH @ 40 stroke per minute</b></p> <p><b>Maximum installation depth : 80 m</b></p>
7		<p style="text-align: center;"><b><u>India Mark-III Deep well Hand Pump</u></b></p> <ul style="list-style-type: none"> <li>• 125 mm stroke length of the handle provides a good water discharge with the cylinder installed in the range of the 15 m to 50 m below-ground level.</li> <li>• The water tank assembly has the appropriate coupler to suit 65 mm or 50 mm NB G I riser pipes. A special cone plate with rubber cone is available for installation of u PVC riser pipes. The cone plate and cone can also be used to reduce stresses on the G I riser pipe joint to the water tank.</li> <li>• The Cylinder incorporates an open top cap and suitable plunger and check valve assemblies to facilitate their removal for maintenance without the need to lift the riser pipes out of the bore well.</li> <li>• Cylinder is adaptable for use with Universal Cylinder components.</li> <li>• Options for Brass fitting for fixing of HDPE pipes as per Sri Lankan Model.</li> <li>• 2" CYLINDERS ARE AVAILABLE IN CAST IRON, FULLY BRASS, UPVC, AND STAINLESS STEEL BODY.</li> <li>• 2 ½" CYLINDERS ARE AVAILABLE IN CAST IRON &amp; STAINLESS STEEL BODY.</li> </ul>	<p>The water tank assembly has the appropriate coupler to suit 65 mm or 50 mm</p> <p><b>VLOM -65</b></p> <p><b>Minimum Bore Size 125 mm.</b></p> <p><b>Internal dia. of Cylinder 65.35 mm</b></p> <p><b>Stroke length 125±4 mm</b></p> <p><b>Average discharge per stroke 12 TO 15 liters per minute of 40 strokes</b></p> <p><b>Operating depth (approx.) up to 30 meters</b></p> <p><b>VLOM -50</b></p> <p><b>Minimum Bore Size 100 mm.</b></p> <p><b>Internal dia. of Cylinder 51.8 mm</b></p> <p><b>Stroke length 125±4 mm</b></p> <p><b>Average discharge per stroke 9 TO 10 liters per minute of 40 strokes</b></p> <p><b>Operating depth (approx.) up to 50 meters</b></p>

8		<p style="text-align: center;"><b><u>Afridev Deep Well Hand Pump</u></b></p> <p>These pumps are manufactured as per the approved industry norms and can be purchased at reasonable rates. Designed with variable handle settings, these pumps can be used in accordance with the changes in static water levels.</p> <ul style="list-style-type: none"> <li>• Lightweight</li> <li>• Easy to install</li> <li>• Heavy-duty design</li> </ul>	<p>Minimum Bore Size : 100 mm  Internal dia. of Cylinder : 50 mm  Stroke length : 225±3 mm  Average discharge per stroke : 17 liters per minute of 40 strokes  Operating depth (approx.) : Up to 80 meters</p>
9		<p style="text-align: center;"><b><u>Ghana Modified India Mark II Deep well Hand Pump</u></b></p> <p>Ghana pumps are made of galvanized steel and are equipped with double-sealed flange bearings. These flange bearings provide optimum support to the handle. Customers can source these pumps at reasonable rates.</p> <ul style="list-style-type: none"> <li>• Easy to install</li> <li>• Lightweight</li> <li>• Sturdy design</li> </ul>	<p>Nominal diameter pipe : 2 Inch  Foundation : Bolt, Holes exactly 9 inches square (i.e. 228.6 mm)  Diameter : 20 mm (Bore size)  Dia Stainless Steel : 10.8 mm  Pump cylinder size : 1 ½" x 20", 2" x 20"  Bucket : 1 ¼"  Piston Rod Length: 750 mm  Metric Rod Connection: M12 mm  IS : 1239 (Part-1) or IS: 554</p>
10		<p style="text-align: center;"><b><u>Ghana Modified Hand Pump</u></b></p> <p>Pumps are made of galvanized steel and are equipped with double-sealed flange bearings. These flange bearings provide optimum support to the handle. Customers can source these pumps at reasonable rates</p> <ul style="list-style-type: none"> <li>• Easy to install</li> <li>• Lightweight</li> <li>• Sturdy design</li> </ul>	<p>Nominal diameter pipe : 2 Inch  Foundation : Bolt, Holes exactly 9 inches square (i.e. 228.6 mm)•  Diameter: 20 mm (Bore size)  Dia Stainless Steel : 10.8 mm  Pump cylinder size : 1 ½" x 20", 2" x 20"  Bucket : 1 ¼"  Piston Rod Length : 750 mm  Metric Rod Connection : M12 mm  IS : 1239 (Part-1) or IS: 554</p>

11		<p style="text-align: center;"><b><u>Shallow Well Hand Pumps</u></b></p> <p>Used for drawing water from shallow depths by the process of creating a partial vacuum in the suction pipe, these pumps have gained huge appreciation in the market. Being an economical option and capable of offering convenience, the offered range of pumps has become very popular for serving individual families and small groups of communities. These pumps need minimal maintenance and can be used for a longer time period.</p> <ul style="list-style-type: none"> <li>• Longer working life</li> <li>• Reduced maintenance costs</li> <li>• Durable</li> </ul>	<p><b>With different parts and descriptions</b></p> <p><b>1 Pump Handle CI 1</b>  <b>2 Fulcrum Pin EN 8 steel 2</b>  <b>3 Hex. Bolt M6 3</b>  <b>4/6 Plunger Rod-Mild Stl. Elec. Galvd 1</b>  <b>5 Rod Hanger Pin-En8 Stl 1</b></p>
12		<p style="text-align: center;"><b><u>Modified Deep Well Hand Pump</u></b></p> <p>These pumps are our valued offerings as we manufacture them with utmost precision and integrate them with advanced working mechanism. Customers can source these products in standard specifications with the assurance of flawless usage.</p> <ul style="list-style-type: none"> <li>• In-built strength</li> <li>• Sturdy design</li> <li>• Superior water discharging capacity</li> </ul>	<p>Minimum Bore Size 125 mm  Internal dia. of Cylinder 65.35 mm  Stroke length 125±4 mm  Average discharge per stroke 12 TO 15 liters per minute of 40 strokes  Operating depth (approx.) Up to 30 meters</p>
13		<p style="text-align: center;"><b><u>Well Pump</u></b></p> <p>These pumps are our valued offerings as we manufacture them with utmost precision and integrate them with advanced working mechanism. Customers can source these products in standard specifications with the assurance of flawless usage.</p> <ul style="list-style-type: none"> <li>• In-built strength</li> <li>• Sturdy design</li> <li>• Superior water discharging capacity</li> </ul>	<p>Minimum Bore Size : 125 mm Internal dia. of Cylinder : 65.35 mm  Stroke length : 125±4 mm  Average discharge per stroke : 12 TO 15 liters per minute of 40 strokes  Operating depth (approx.) : Up to 30 meters</p>

<p>14</p>		<p style="text-align: center;"><b><u>India Mark III Deep Well Hand Pump</u></b></p> <p>These pumps offer optimum water discharge and are suitable for preventive maintenance with simple tools. Offered range of pumps is designed as per the approved industry norms and is supplied with a telescopic stand.</p> <ul style="list-style-type: none"> <li>• Reduced maintenance costs</li> <li>• Durable</li> <li>• Longer working life</li> </ul>	<p><b>VLOM -65</b>  Minimum Bore Size : 125 mm.  Internal dia. of Cylinder : 65.35 mm  Stroke length 125±4 mm  Average discharge per stroke : 12 TO 15 liters per minute of 40 strokes  Operating depth (approx.) : up to 30 meters</p> <p><b>VLOM -50</b>  Minimum Bore Size 100 mm.  Internal dia. of Cylinder 51.8 mm  Stroke length 125±4 mm  Average discharge per stroke 9 TO 10 liters per minute of 40 strokes  Operating depth (approx.) up to 50 meters</p>
<p>15</p>		<p style="text-align: center;"><b><u>U2/U3 Modified Deep Well Hand Pumps</u></b></p> <ul style="list-style-type: none"> <li>• Variable handle settings suit changes in static water levels.</li> <li>• 225 mm stroke length of the handle provides a water discharge of 15 liters per minute per 40 strokes with an installation depth range between 15 m to 45 m below ground water.</li> <li>• Cone Plate and rubber Cone for improved attachment of u PVC Riser pipe to pump body.</li> <li>• Alternative stainless steel lined cylinder is available for aggressive water conditions.</li> <li>• Quick release eye &amp; hook 'tool-less' ends on connecting rods with rubber centralizers, are standard supply. These facilitate maintenance and protect the riser pipe against internal wear.</li> <li>• The VLOM (Village Level Operation and Maintenance) design has been developed for easy handling of maintenance problems without the need of special skills.</li> <li>• Non-corrosive underground components are capable of handling corrosive water and therefore will last longer.</li> <li>• Lightweight µPVC riser pipes; easy installation &amp; inexpensive.</li> <li>• Adjustable handle to suit varying installation depths.</li> <li>• Three options for pedestal designs are available: Square flanged, Three legged.</li> <li>• Skat -4, pedestal with anchor assembly.</li> <li>• Cup Seal, U-Seal, and bobbins and 'O' Rings are of Nitrile Rubber and Plunger Rod of Stainless Steel.</li> <li>• Each rod is provided with a Rubber Centralizer to avoid contact with PVC Riser Pipe.</li> <li>• PVC Cylinder 50 mm ID with Gun Metal Plunger Assembly / Inter changeable</li> </ul>	<p>Minimum Bore Size 125 mm  Internal dia. of Cylinder 65.35 mm  Stroke length 125±4 mm  Average discharge per stroke 12 TO 15 liters per minute of 40 strokes  Operating depth (approx.) Up to 30 meters</p>

		<p><b>Plunger and Foot Valve</b></p> <ul style="list-style-type: none"> <li>• Each pipe is provided with a Rubber Centraliser to avoid contact with Casing Pipe.</li> <li>• The FGRP connecting rods (glass fiber reinforced plastic), which provide the same advantages of mild steel &amp; stainless steel, yet are light weight and long lasting.</li> </ul>	
16		<p style="text-align: center;"><b><u>Hand Pump Spare</u></b></p> <p>These spare parts are designed using qualitative materials and can be purchased at reasonable rates. Our customers can purchase these spare parts in a hassle-free manner at reasonable rates.</p> <ul style="list-style-type: none"> <li>• Dimensionally accurate</li> <li>• Resistant to corrosion</li> <li>• Durable</li> </ul>	<p><b>S.No. Description Qty.</b></p> <p>1 Hexagonal bolts M12x1.75x40 4</p> <p>2 Hexagonal nuts M12x1.75 8</p> <p>3 Hexagonal bolts M10x 1.5 x40 1</p> <p>4 High tensile 1</p> <p>5 Nyloc Nut M10,, 1</p> <p>6 Handle axle,, 1</p> <p>7 Washer (4mm thick )for axle 1</p> <p>8 Bearings (6204Z) 2</p> <p>9 Spacer,, 1</p> <p>10 Chain with coupling 1</p> <p>11 Bolt for front Cover M12x1.75x20,, 1</p>
17		<p style="text-align: center;"><b><u>Treadle Pumps for Irrigation</u></b></p> <p>Treadle Irrigation pump is a high Capacity pump designed to lift water by suction from shallow wells upto 7.5 Mts. And other surface sources.</p> <ul style="list-style-type: none"> <li>• It has a capacity to discharge 5000-7000 liters per hour.</li> <li>• It is operated by leg muscles in a comfortable walking motion and can be operated by one or two adults or two or more children.</li> <li>• It is a double cylinder and double acting model, both downward stroke and upward stroke delivers water and optimum utilization of energy spent is achieved.</li> <li>• A portable self-contained unit sits at ground level.</li> <li>• Flexibility in installation, it can be moved from one location to another, without any permanent installation on a single well.</li> <li>• Due to its simplicity and compactness, maintenance of the pump is economical in all aspects</li> </ul>	

18		<p style="text-align: center;"><b><u>Treadle Irrigation Pump</u></b></p> <p>These pumps are designed to offer flawless usage to their profound buyers with their flawless design. Customers can source these products at market leading prices as per their required specifications.</p> <ul style="list-style-type: none"> <li>• Heavy water discharging capacity</li> <li>• Low maintenance</li> <li>• Flexibility in Installation</li> </ul>	<p>Shallow wells : Up to 7.5 mts Capacity to discharge : 5000-7000 liters per hour</p>
19		<p style="text-align: center;"><b><u>Treadle Pump</u></b></p> <p>These pumps are designed to offer flawless usage to their profound buyers with their flawless design.</p> <ul style="list-style-type: none"> <li>• Heavy water discharging capacity</li> <li>• Low maintenance</li> <li>• Flexibility in Installation</li> </ul>	<p>Shallow wells : Up to 7.5 mts Capacity to discharge : 5000-7000 liters per hour</p>