



**MONUMENT TOOLS**

## PRODUCT INSTRUCTIONS

### PANGO® POWER PLUNGER (Product Code 1621R)

#### Safety Precautions

- Compressed air can harm eyes and ears. Never discharge the Pango® in the direction of people or animals. Keep out of reach of children. Do not leave a Pango® charged with air in case it is picked up by a child or unsuspecting person.
- The Pango® is a powerful tool and should never be used as a toy or other than the use that it is designed for.
- Do not discharge the Pango® in or near the eyes, ears or mouth.
- Do not use the Pango® in conjunction with any chemical solutions that are damaging to eyes or skin. Wear safety goggles to protect eyes from possible splashes of water when using this product.

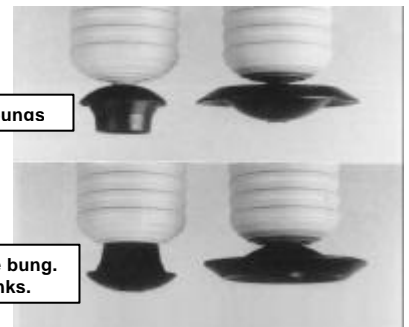
#### How to Use the Pango® - "Pop it with a Pango®"

The Pango® works with compressed air by means of the pump which is provided in the handle. When the trigger is pulled quickly the compressed air is discharged at once causing a shock wave through the water to dislodge the blockage within the waste, even if it is past the trap, down the pipework and around several bends. To get the best from the Pango® please read the notes below before use.



1. Choose the correct rubber adaptor and fit to the Pango® nozzle. The adaptor bungs are reversible to suit most requirements.

Standard position for the bungs



Reversed position. Lubrication may be required to ease on the bung. 105mm bung is good for flat arids: smaller bung suits most sinks.



2. Place the Pango® as shown against a hard surface. **The Pango® needs three pumps in quick succession to make air-tight the internal valve**, a further 1 to 4 pumps will give sufficient power. When clearing plastic plumbing systems we recommend minimal pressure – about three pumps should be sufficient.



3. Place the rubber adaptor you have chosen firmly in the waste hole. Ensure it fits well. If you have an overflow, prepare beforehand a folded piece of damp cloth and hold it firmly over the overflow. It is also recommended to cover or block all other overflows or outlets on the blocked waste system. Squeeze the trigger quickly. Should the first operation not be successful, repeat the operation with greater pressure.



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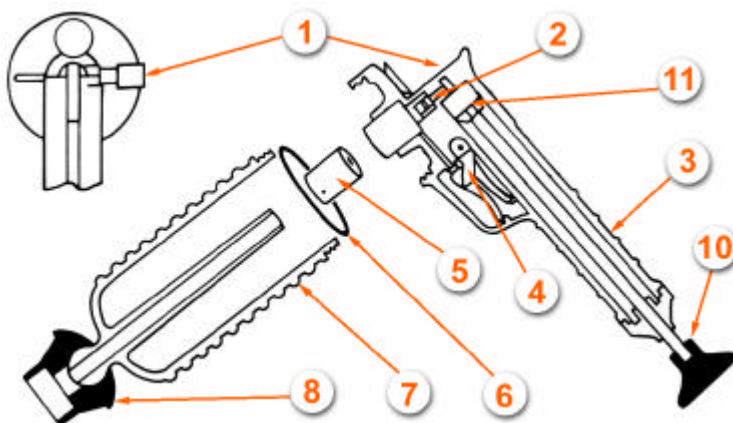
### PANGO® POWER PLUNGER (Product Code 1621R)

#### Usage Notes

- The normal working range is recommended to be between 3 to 8 strokes of the pump.
- When using the Pango® with plastic waste pipe systems use minimal pressure, repeat until the blockage is shifted. Stubborn blockages will also be shifted in this way.
- While getting accustomed to the power range of this product it might be prudent to place a container under the trap in case of a leak.
- Ensure that the waste system is sound and not leaking before you start work and check it when clearance is completed.
- The Pango® can be used to clear slow running waste pipes that have deposits of grease and detergent. For example when shifting slow running wastes it is recommended that you adopt the following techniques.:

A) Let all the water run away first, then pop it with your Pango®, add water and see the result. If this causes a full blockage this is an indication that the internal silt has collapsed off the side of the pipe and moved. Repeated pops should shift it.

B) while the water is running away, follow the normal procedure



#### Troubleshooting

To check the Pango® is working correctly:

- Ensure the *Compressed Air Chamber (7)* is screwed on tightly; then give three strokes of the pump. Wait for five seconds and then (taking note of the safety precautions) pull the trigger. There should be a distinct pop from the Pango®. If not working check the position of the *O-ring (6)*; check the seating of the *Differential Pressure Valve Assembly (5)* and check the function of the *Dinky Non Return Valve Assembly (2)*.
- To activate the *Pressure Relief Valve (1)* about 15-18 strokes of the pump is required; many more pumps would indicate air-loss or a worn *Cup Washer (11)*.
- The *Cup Washer (11)*, *Shaft Assembly (10)* and *Differential Pressure Valve Assembly (5)* need to be lubricated with Silicone spray or a light smear with Petroleum Jelly (if too much is used it will prevent the Pango® from working).

Drg. No.	Code	Description
1	-	Pressure Relief Valve Assembly
2	-	Dinky Non Return Valve Assembly
3	-	Pump Body With One Thread
4	1622U	Trigger Assembly
5		Differential Pressure Valve Assembly
6		O Ring
7	-	Compressed Air Chamber
8	1626G	Rubber Adapter 58mm
9		Rubber Adapter 105mm (Not Shown)
10	1628M	Shaft Assembly
11	-	Cup Washer

#### Cleaning and Maintenance Tips

After use, a wipe with a damp cloth will usually suffice.

In a situation where the Pango® has been completely immersed in water or contaminated, it is recommended that the *Compressed Air Chamber (7)* is unscrewed, the *O-Ring (6)* and the *Differential Pressure Valve Assembly (5)* removed and wiped or washed in warm soapy water. Ensure that the inside is then wiped dry.

The *Differential Pressure Valve Assembly (5)* and *Shaft Assembly (10)* require to be lubricated with Silicone spray or a light smear with Petroleum Jelly. DO NOT USE MACHINE OIL.