



**ROUGHNECK®**  
TOUGH TOOLS FOR A TOUGH WORLD™

# ROUGHNECK MORTAR GUN



## INSTRUCTIONS

**The Roughneck Mortar Gun can be used as a mortar or tile grouting gun. It is ideal for jobs such as re-pointing walls, filling gaps in patio slabs and grouting floor and wall tiles.**

**When using the Roughneck Mortar Gun for re-pointing and filling gaps in patio slabs etc it is important that the correct mix of **SOFT BUILDING SAND** is used.**

**Ensure the mix is lump free and is of a smooth, creamy texture. The use of a plasticiser is recommended**

**DO NOT USE SHARP SANDS OR GRAVELS**



By **Olympia-Tools [UK] Ltd**  
[www.Olympia-Tools.co.uk](http://www.Olympia-Tools.co.uk)

**Please check the content of the kit**

**Aluminium Body**



**Front Nozzle Retaining Ring**



**Yellow Nozzles x 2**



**White Nozzle**



**Ratchet Mechanism**



**Filling Scoop**



## **Assembly of the Roughneck Mortar Gun**

**For use with mortar and pointing mixes**

- 1. Unscrew the end retaining ring from the body of the gun**
- 2. Insert one of the yellow nozzles into the opening of the ring as shown (fig 1)**
- 3. Screw ring back onto body of gun (fig 2)**
- 4. Unscrew the trigger end of the gun from the body and withdraw the trigger and plunger**
- 5. With the scoop provided fill the body with the correct mix of mortar to within 3cm of the top (fig 3)**
- 6. With the plunger fully retracted as shown (fig 4), attach the trigger back onto the gun body by screwing the ring clockwise until finger tight**

**Fig 1**



**Fig 2**



**Fig 3**



**Fig 4**



## **Your Roughneck Mortar Gun is now ready for use**

**To stop the flow of mortar at any time,  
Push the trigger plate (fig 5) forward and  
withdraw the plunger slightly**



**To use simply squeeze the trigger with a  
steady pressure**

**If mix does not flow it could be that your mortar  
mix is incomplete, lumpy, something other than  
soft sand has been used or the mix has been left  
too long in the barrel and it has started to set.**

**If this happens you will need to start again and  
ensure the correct mix is made and that the  
interior of the barrel is clean and free from any  
dry mix or other obstruction.**

### **NOTE**

**To withdraw the plunger, push trigger plate  
forward and pull rod backwards until it is  
fully retracted (fig 6)**



## **For use with Ready Mix Grouts, Ready Mix Tile Adhesives or Ready Mix Fillers**

- 1. Unscrew the end retaining ring from the body of the gun**
- 2. Insert white nozzle (fig 7) and cut end to suit the size of gap you intend to fill (fig 8)**
- 3. Screw ring back onto body of gun**
- 4. Unscrew the trigger end of the gun from the body and withdraw the trigger and plunger**
- 5. With the scoop provided fill the body with the product to within 3cm of the top**
- 6. With the plunger fully retracted as shown (fig 4), attach the trigger back onto the gun body by screwing the ring clockwise until finger tight**

**Fig 7**



**Fig 8**



**If using Powdered Grouts and Powdered Fillers please mix to manufacturers instructions and ensure mix is lump free and a smooth creamy texture.**

**Do not allow mix to be too wet as this will flow uncontrollably from the nozzle and making the mix too thick will block the nozzle.**

## **Using mortar with you Rapide Mortar gun**

**Firstly, it is important that you only use the orange nozzles for mortar mix and not the white grouting nozzle, which is for tiling grout only.**

**Building Sand is not always the correct material to use, as this description does not always suggest you are getting Soft Building Sand. The best way to test that you are using the correct sand, is to rub the palm of your hand with the sand, if it stains your palm orange then you have Soft building sand. This should ideally be mixed 3-4 parts sand to 1 part cement and plasticizer used to bind the mix together to ensure a smooth, creamy texture. Please note that sharp building sand must never be used.**

## **Maintenance**

**Wash all parts immediately in clean water immediately after use ensuring all mix is removed from barrel.**

**A spares kit containing additional nozzles, a scoop and replacement plunger end is available to guarantee you get the maximum life from your Roughneck Mortar Gun.**

## **Plunger Replacement**

**A spare plunger end is included with your Roughneck Mortar Gun. From time to time you may need to replace this component; this is done as follows,**

- 1. Hold the retaining nut below the plunger end with a suitable size spanner. (fig 9)**
- 2. Turn the cup containing the nylon plunger end anti clockwise**
- 3. Retain the metal cup and nut which should be removed from the old plunger end (fig 10)**
- 4. Fit this nut into the hexagonal opening in the top of the replacement plunger end (fig 11)**
- 5. Screw the plunger back onto the plunger arm (fig 12)**

**Here are some video links demonstrating how to use our mortar gun:**

<https://youtu.be/Myx42R4Vc2Y>

<https://www.youtube.com/watch?v=2fBqU2yw9Lw>

**How to mix mortar for pointing:**

[https://www.youtube.com/watch?v=X0q\\_2VuFU0I](https://www.youtube.com/watch?v=X0q_2VuFU0I)

**Check out our Ultimate Mortar Gun [https://youtu.be/OL\\_iC6YafjM](https://youtu.be/OL_iC6YafjM)**

**Fig 9**



**Fig 10**



**Fig 11**



**Fig 12**

