

## BILL OF MATERIALS

### LAUNCHER WITH FILLING SYSTEM

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#### MATERIALS FOR THE MAIN CONSTRUCTION:

- Plywood (18mm or thicker)
- Primer
- External coating
- Screws
- 2 Pipe clamps (3/4")
- Eyelet for diversion
- Nylon cord
- Threaded rod
- 2 wing nuts
- 2 nuts
- 4 washers
- Wood glue
- U-piece of aluminium

#### MATERIALS FOR THE PIPE SYSTEM:

- Copper reduction sleeve 28mm to 22mm
- Copper pipe (diameter:22mm, 20cm long)
- Adapter 22mm to 3/4"
- Non-return valve 3/4"
- Ball valve 3/4"
- T-piece 3/4"
- 5 double nipples 3/4"
- 2 tap nut garden hose connectors (3/4" thread)
- Teflon tape
- Flux
- Solder
- Gas burner
- Cleaning fleece
- Large cable ties
- PVC pipe (HT40/HT45)
- Suitable O-ring sealing (e.g. diameter 15.5mm, thickness 2.6mm)

**MATERIALS FOR THE WATER FILLING SYSTEM:**

- Pressure sprayer
- Garden Hose ½"
- Hose clamp ½"
- Garden hose coupling ½"