

# Cromartie

## **CH7200 Slip Pump & CH7201 Mini Casting System**



## **Unpacking your Slip Pump**

Once unpacked, please show consideration to the environment when disposing of your packaging. Please report any damage found immediately to your supplier.

## **Where to install Slip Pump**

**WHEN POSITIONING the pump please be aware of the flexible power cable.**

The slip pump is designed to be used with the container supplied, it must remain vertical at all times otherwise damage to the pump can occur.

Ensure the pump is located within reach of a suitable power supply.

## **Electrical connection**

The Lathe comes fitted with a 13 amp plug top fitted. It is designed to work from standard 230v single phase socket outlets.

The electrical supply **MUST** have a sound earth connection.

It is advisable to have your chosen socket outlet tested by a qualified electrician prior to use to ensure its sound condition.

## **Set up and operation**

The slip pump is designed to be used by a competent person it is used for clay slip only which is of a suitable constituency for slip casting.

## **Sequence of operation.**

Turn on the main power supply at the socket.

Fill the container with the required amount of prepared casting slip.

Only fill the container with enough slip for your immediate requirements  
Ensure the pump is located on the container correctly and the slip gun is closed.

Switch the pump on using the toggle switch located on the pump.

The pump shaft will now be turning and providing a limited agitating effect on the slip.

Ensure your moulds are prepared and ready for casting

Place the slip gun over the mould and gently open the casting gun by squeezing the lever on the gun slip will now pour out. To stop casting

release the casting gun lever.

An extension tube is provided for tall moulds place this in the end of the casting gun this helps to reduce turbulence when casting.

To drain the mould using the pump, this can be done by a syphoning action.

First ensure the gun and hose is full of slip place the gun with the extension fitted in a suitable container switch the pump on allow a small amount of slip to pass through then close the gun and switch the pump off.

Place the gun in the mould to be drained and ensure the end is under the slip level at all times open the gun (DO NOT SWITCH THE PUMP ON) the slip will be removed from the mould using a syphoning action. Please note when draining moulds always ensure the mould is higher than the bottom of the pump.

### **Slip pump with built in casting bench**

The Casting System is supplied with a small integral casting bench this is used as the standard Slip Pump but can have moulds placed on the drainage rack for convenience.

- Ensure the pump is correctly mounted
- Only fill the Casting System until the slip rises to the bottom of the run off slope.
- Ensure the tank is drained and washed out at the end of the day otherwise excess dried slip will contaminate future ware and could damage the pump.
- After use remove the pump from the slip and place it in a suitable container vertically and flush the pump through with clean water ensuring no remaining slip is in the pump or the hose and gun. Do not leave the slip in the pump for more than 8 hours.

### **Looking after your Slip pump**

Your Slip Pump is an extremely robust machine, designed to operate in relatively harsh environments, however, certain measures will help your Slip Pump to achieve it's maximum potential.

Ensure you remove the plug from its socket before attempting any maintenance.

1. The Slip Pump has a consumable bronze steady bush fitted in the pump housing this will require replacing once it has exceeded its operational life which is dependent on use. The pump will usually make a loud knocking noise this is an indication of wear and the bush

should be replaced , if the shaft is also worn this should be replaced at the same time. We recommend a visual inspection every 6 months.

Please contact us if you require further information.

2. Check security of all nuts and pins on the pump.
3. Check condition of the flexible power cable.
4. Clean the machine at regular intervals and ensure no slip is left to dry out inside the pump.

### **Technical Specifications.**

Electrical Supply            Single phase    220/240 volts

Slip Pump                      0.37 Kw 13 amp fused plug

### **Safety notices**

Your Slip Pump is designed and built to meet all European Directives and British Standards.

However, as with all rotating machinery, there are certain measures that you must take to achieve optimum safety.

### **Electricity**

The Slip Pump meets all Electrical Safety Directives. However, the slip pump is electric and as such certain measures should be taken.

Never attempt to remove any of the pumps covers or do any repair work when the pump is plugged into a mains electricity socket. Never use the Lathe if external cables are damaged.

Have the Slip Pump tested by a competent person at least every 12 months.

**Cromartie Hobbycraft**  
**Park Hall Road, Longton, Stoke-on-Trent, ST3 5AY**

We declare that the equipment described below was manufactured to comply with directives listed.

We do not give any assurance that the equipment is suitable for any purpose other than that listed below and must be operated and maintained in accordance with our operating instructions.

**Products.**

Slip Pump & Mini Casting System

**Directives.**

LVD - Low Voltage Directive 2006/95/EC.  
EMC - Electromagnetic Compatibility Directive

2004/108/EC. Machinery Directive 2006/42/EC

**Harmonized Standards.**

BS EN 292-1 , BSEN ISO 13857:2008 BSEN 60204-1:2006

**Purpose of use.**

For the pumping of slip.

**Manufacture year.**

As per invoice date

Technical documentation is held for this product.



**European Declaration of Conformity**