

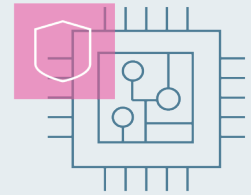
OVERMOULD™

# Overmould 470 Gear Pump With Melt Tank & Handgun



# Overmould 470

## Features



Precise speed control of the gear pump.

External tank system and motor control centre.

Especially designed for Technomelt Polyamides for temperatures up to 250 degrees C.

Temperature low warning sensor with lock out for heated hoses.

Ultra fine material filter system for reduced maintenance.

Flexibility for up to 4 individual handguns running at once from the large capacity tank.

Light-weight handgun applicators with interchangeable nozzles.

3 Individual temperature controls for the melt tank, heated hose and handguns.

Advanced long life heated hose system.



# Overmould 470 Package

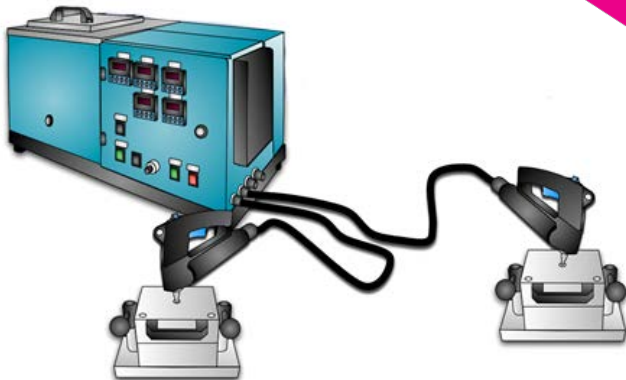
## Overmould's HB-470 is the perfect progression from the HB500

It allows you to successfully progress into higher quantity low pressure moulding production. Our HB500 handguns are perfect for low volume and prototype work but increasingly our customers need higher production capabilities and this is where our 470 fits in.

The larger 7 litre tank capacity allows you to increase throughput without the need to refill so frequently. Also with a 4 kilo per hour melt rate, production need no longer halt to wait for melted material therefore reducing cycle times.

Our Moldman machines are perfectly suited to mass production but if your products have several processes or tooling, then the HB-470 is the solution you need, Put simply the 470 incorporates a melt tank, gear pump with a handgun attached. However, the 470 is far more capable, with the option of 4 heated hose outputs. You can have up to 4 individual operators running at the same time. Boasting individual temperature controls for each heated hose and handgun, you can adjust parameters for each individual process.

This means that you can have one operator working on a pre-mould tool whilst the second completes the final overmould all from the same compact system.



# HB-470 Data



Technical Data	Overmould 470
Dimensions	700 x 390 x 420mm
Weight	50 kg
Operating voltage	3/N/PE 400V 50Hz
Hose Connections	Up to 4
Approx. Melting Capacity	4kg/h
Drive	Three Phase Motor
No. of Gear Pumps	1
Maximum Delivery rate	10/20/40
Tank capacity	7 litres
Maximum Noise Emission	60dBA
Material Designed for	PA (Technomelt)

## Optional extras available

Granulate feeder	Electronic filter control
Level monitoring via signal lights and / or signal alarm	Weekly timer
Pneumatic bypass valve	Temperature reduction or brand component with lowering response
Electronic hot melt adhesive pressure measurement	Lockable cover for control elements
Hot melt adhesive pressure start up control	Spray air attachment kit
Hot melt adhesive flow measurement	Heating of upper part of tank

# Specialists in Low Pressure Moulding, Equipment, Material Supplies and Tooling



Overmould Ltd has a sub-contract manufacturing department, specialising in the sealing, encapsulation and protection of electronics using LPM technologies. We work with our customers to provide complete turnkey solutions and support, including design, prototyping, assembly, overmoulding and testing.

Centrally located in Bedfordshire, UK, we have been established for 20 years. Starting out in the manufacture of high voltage connectors for the electrical test industry, we used our accumulated knowledge and confidence in the technology from our early projects to starting a company

dedicated to Low Pressure Moulding. With globally leading equipment from Optimel, Moldman and Buehnen, combined with hot-melt materials designed by Henkel specifically for LPM applications, we can provide solutions specific to each of our customer's needs.

**SPEAK TO A MEMBER OF OUR TEAM TODAY TO DISCUSS HOW YOU CAN IMPROVE THE ROBUSTNESS OF YOUR ELECTRONIC ASSEMBLIES.**



## OVERMOULD LIMITED

Unit 4, Commerce Way, Leighton Buzzard, Bedfordshire LU7 4WR

e [sales@overmould.com](mailto:sales@overmould.com) t +44 (0) 1525 373800 [www.overmould.com](http://www.overmould.com)



OVERMOULD™