

MPHD007A

Bainmount

# Twin H Auto

Automatic Hydraulic  
Mounting Press with  
Dual Cylinders

Simultaneous mounting in  
both cylinders can be done for  
higher volume throughput



Advanced LCD  
Touch screen

Automatic  
Water Cooling  
System

**Chennai Metco**

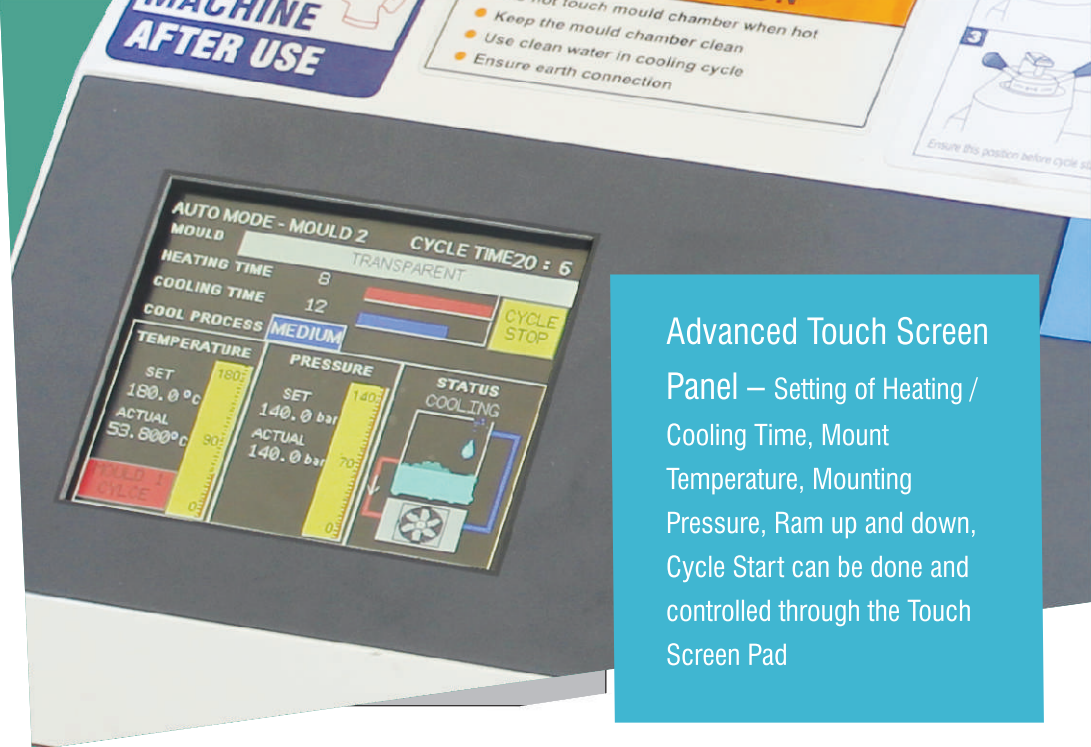
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## Bainmount twin Auto

- Hydraulic fully automatic system
- Setting of Temperature, Heating Time, Mounting Pressure, Cooling Time, Ram up and down, Cycle Start can be done and controlled through the Touch Screen Pad
- modern Metallography practices now demand variable heating, cooling and high pressure during moulding for enhanced results like high mould hardness and edge retention.

Pre set  
programming  
& Data storage  
of Mounting  
Parameters  
up to 100



Advanced Touch Screen  
Panel – Setting of Heating /  
Cooling Time, Mount  
Temperature, Mounting  
Pressure, Ram up and down,  
Cycle Start can be done and  
controlled through the Touch  
Screen Pad

- Fully Automatic Hydraulic Hot Mounting Press with dual cylinders
- Corrosion resistant Steel Cabinet with built in Electro Hydraulic and twin Hydraulic Cylinder system
- Stainless steel body Pressure Transmitter
- Quick Ram return to speed up reloading
- Dovetail slot for easy changeability of Mould Assemblies
- Automatic Water Cooling System
- Cooling System- Fast Cooling, Slow Cooling & Medium Cooling mechanism.
- Fully Enclosed body avoids any exposure of heat to the operator
- Slide locking Mechanism

#### Display System

- 7" PLC User Friendly advanced Touch Screen System
- Pre Set Programming & Data Storage of Mounting Parameters up to 100
- Setting of Heating Time, Cooling Time, Mount Temperature, Mounting Pressure, Ram up and down, Cycle Start can be done and controlled through the Touch Screen Pad
- Mounting in both cylinders can be done in single operation via touch panel

#### Twin Moulding Unit

- Provision to accommodate 1 ½ ", 2", 30 mm, 40 mm & 50 mm Mould Sizes
- 1¼", 1¼" Mould Assemblies comes with the machine as a standard
- Wide range of sample sizes can be accommodated
- Buzzer indication on completion of Heating
- Alarm indication to the operator on completion of Cooling Cycle to take out the mould
- Individual cylinder operating system
- Ideal for Transparent, EPO & Bakelite moulds preparation
- Twin Mounting option in single ram gives additional advantage of producing two samples

#### Mounting Parameters

- Cooling Time – 0 to 20 minutes
- Heating Temperature – 0 to 200°C
- Pressure – 0 to 350 bars
- Mould Heater – 1600 Watt each
- Power Supply : 230V / 50Hz & 110 V/ 60Hz ( 1 + N + E )
- Machine Size: L 650 x W 630 x H 510mm
- Machine Color: Enclosure RAL 9016, Base RAL 7016

Fully  
Enclosed body  
avoids any  
exposure  
of heat to  
the operator

# Bainmount Twin Auto

Standard Consumables to be supplied along with the machine

Bakelite Powder

Optional Accessories:

Mould Assembly 2"

Recirculation water cooling system 50 Ltrs capacity

Note: In case if you don't have water facility in your Lab and if your water has Salt Content, you can buy our Recirculating Water Cooling System.

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