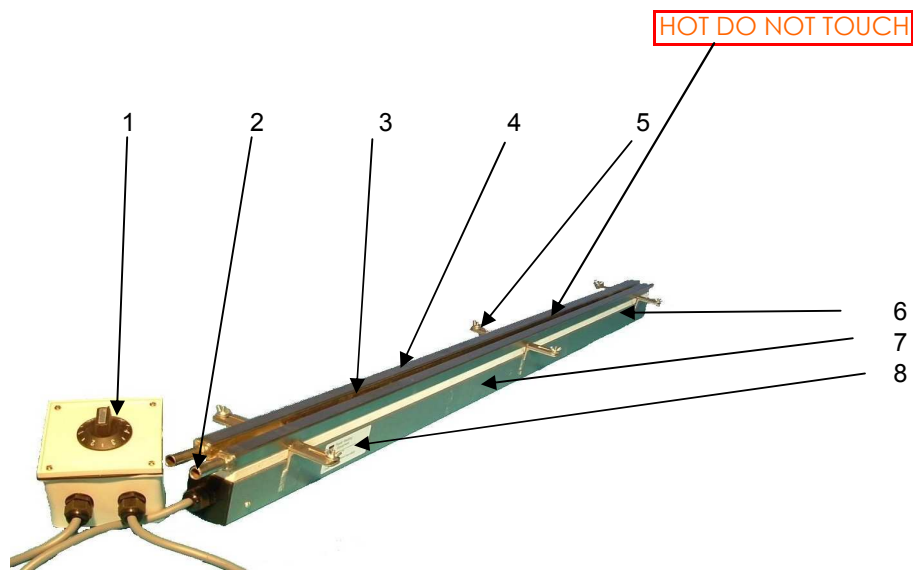




Plastic Bending Bar



- 1 Temperature adjustment
- 2 Connection for water circulation
- 3 Electric element
- 4 Stainless steel water jacket
- 5 Wing nut for radius adjustment
- 6 Ceramic fibre insulation
- 7 Body
- 8 FHS decal

OVERVIEW

A 240 volt electric element (3), is set into a base of ceramic fibre insulation (6). On either side of the element there are stainless steel water jackets (4) which keep the machine cool. Water must be flowing through the jackets at all times and chlorine must not be used in the water. The water jackets allow the heat to rise in a defined area: this will give a straight line bend. All machines should be fitted with correct fitting hose and hose clamps

Technical features

Model	Description	Volts	Watts	Amps	Weight kg
4101300	Bending bar 1300mm heated area	240	1800	8	8
4102175	Bending bar 2175mm heated area	240	3000	13	
4102540	Bending bar 2540mm heated area	240	3500	15	13
4103020	Bending bar 3020mm heated area	240	2400	10	

Element: Alloy sheathed element for air heating maximum ambient temperature 200°C

SAFETY INSTRUCTIONS

- Warning! In order to prevent accidental contact with electrical current, please comply with the following safety instructions.
- Read and follow these instructions before using the bending bar machine.

WORK STATION - ENVIRONMENTAL CONDITIONS

The use of any kind of electrical instrument, requires the observance of a few basic rules.

- Do not allow non-qualified personnel to use the bending bar.
- Do not touch the bending bar with wet hands
- Do not leave the bending bar exposed to atmospheric agents or at extreme temperatures and avoid the condensate due to sudden temperature variations.
- Do not wind, do not pull the power supply cable or the bending bar itself to unplug it.
- Do not move the bending bar by its power cable.
- Do not use bending bar nearby inflammable liquids or gases.
- Ensure that all water connections are free of leaks.

OPTIMAL USE

- In case the outlet and the bending bar is not compatible, have a professionally qualified person substitute the plug with one compatible with the outlet (i.e. international plugs and outlets).
- In particular check that the cable cross section is suitable for the bending bar absorbed power.
- In general, the use of adaptors and/or extension leads is not recommended. In case that these are absolutely indispensable, use only single or multiple adaptors and extension leads that confirm to safety regulations in force, being careful not exceed the current carrying capacity limit indicated on the adapter and extension leads.

Introduction to plastic sheet bending

Step 1 Bending Bar Set up

- Set your bender into a work bench flush mounted level with the top of cooling jackets.
- Cooling water is to be circulated through stainless steel cooling jackets(4)
- Adjust distance between cooling jackets to achieve different radius(5)
- Turn on element only after you have cooling water running.
- Adjust temperature subject to sheet thickness

Step 2 Heating

- Place the sheet to be bent across the heat element directly under the line of your proposed bend.
- Allow time for sheet to attain desired heat.

Step 3 Bending

- N.B. Always bend away from heated area.
- Remove from bar and bend to desired angle.
- Allow to cool.

Step 4 Finally

- Turn element off.
- Allow to cool before turning off cooling water circulation.



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