How to Use the Manual Sample Milling Machine

Description



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1- Main power key // 2-Emergency Key // 3- Spindle Turning speed // 4- Run key // 5-Vaccum Key // 6-Vacuum line // 7-Milling tool // 8-Sample fixing tools // 9-Handle for moving the sample piece // 10-Y axis movement rails // 11-X axis movement rails

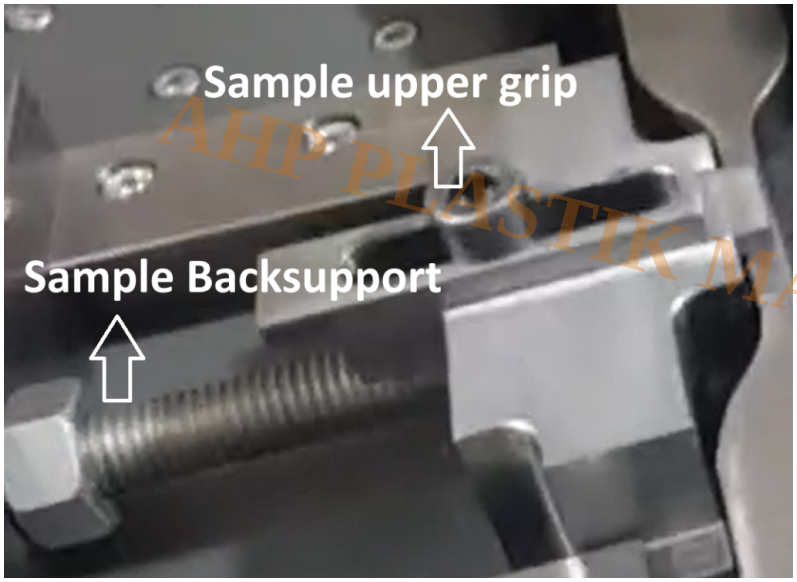
- Connect the main power to a single-phase power line of 230V-50Hz (Power is 2KW)
- Switch the main power ON (No.1)



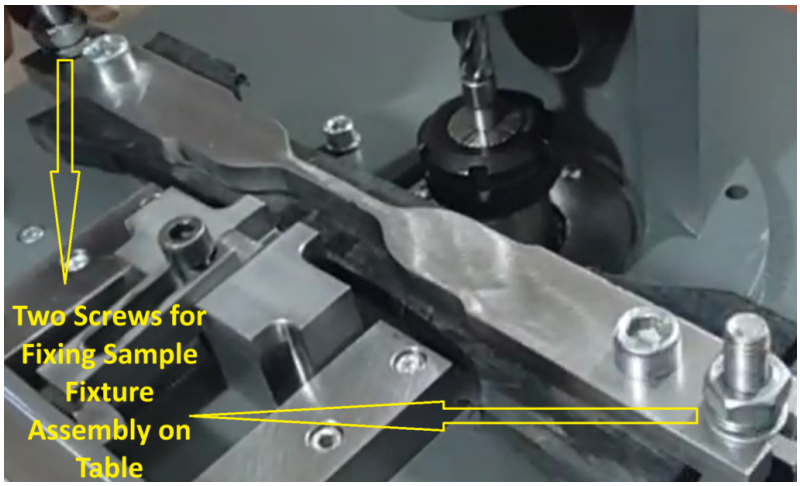
- Cut the sample piece into a rectangular piece and tighten it under the clamp as shown in the picture. The sample holder has a grip on the upper side and also features a back support to

restrict the sample piece from moving backward during milling.





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- Set the spindle speed using the volume key on the speed indicator No.3
- Press Run key to start the rotation of spindle
- Press the vacuum key
- Using the two

- Using two handles, hold the sample support and move it in the X and Y directions easily to start the milling process.



- After you milled the first side of the sample, open the screws and turn the sample assembly to mill the other side.
- On the backside of the machine, there is a bin for the vacuum system that you need to make it empty in case it is filled. First open the upper clamp as below picture:

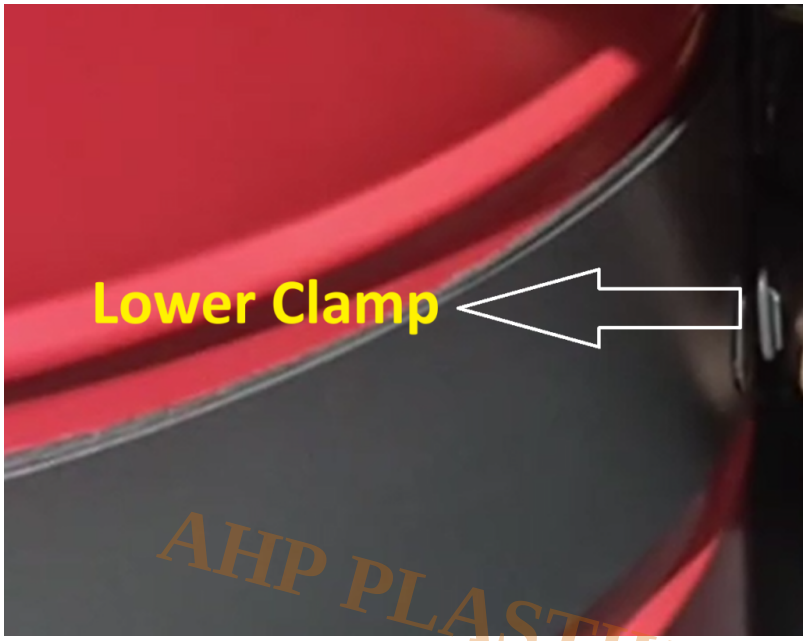
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- Then remove the vacuum pump



- Open the lower clamp as picture below



- Now you can release the bin for cleaning

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Category

1. How to Use