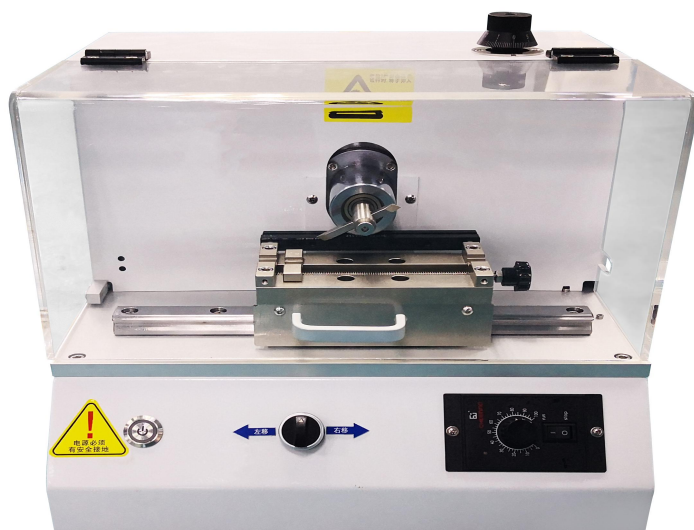


HST-5050 Automatic V Notching Machine For Charpy Test



(Picture just for reference)

Product Introduction

The fully automatic notch sample making machine for plastics is a sample making device for notch samples used in cantilever beam and simply supported beam impact testing machines for non-metallic material impact toughness tests. The impact notch sample making machine can be used for making notch samples in laboratories of scientific research institutions, colleges and universities, non-metallic material production plants and other units.

Reference standards for the notch of the prototype machine:

- ISO180-2000 "Plastics - Determination of cantilever beam impact strength of hard materials"
- GB/T1843-2008 "Cantilever beam impact test method for hard plastics"
- JB/T8761-1998 "Plastic cantilever beam impact test machine"
- ASTM D256-2010 "Test method for determining the IZOD pendulum impact strength of plastics"
- ISO179-2000 "Plastics - Determination of simply supported beam impact strength of hard materials"
- GB/T1043-2008 "Hard plastic simply supported beam impact test method"
- JB/T8762-1998 "Plastic simply supported beam impact test machine"

Technical indicators

- Workbench travel: >160mm
- Feed speed: 0-30mm/min Adjustable
- Sample type: Type 1, Type 2, Type 3
- Notch type: Type A, Type B (optional), Type C (optional)

Tool parameters of fully automatic plastic notch sample making machine:

- Type A tool: 45 ± 1 degree $r = 0.25 \pm 0.025$
- Type B tool: 45 ± 1 $r = 1.0 \pm 0.025$
- Type C1 tool: 45 ± 1 $r = 0.1 \pm 0.02$
- Type C2 tool: thickness $1 = 2 \pm 0.1$ $r \leq 0.1$
- Type C3 tool: thickness $2 = 0.8 \pm 0.1$ $r = 0.2 \pm 0.05$