

# HST-SQ60A Manual Metallographic Sample Cutting Machine



## 1. Applications

Widely used in factories, research institutes, universities for cutting metal metallographic specimens.

Suitable for cutting various metal raw materials, alloy workpieces to prepare standard metallographic samples before grinding & polishing.

## 2. Applicable Standards

Common international & domestic metallographic cutting standards:

GB/T 13298 Methods for Microstructure Examination of Metals

ASTM E3 Standard Guide for Preparation of Metallographic Specimens

ISO 17639 Metallic materials – Preparation of metallographic specimens

## 3. Technical Parameters

| Parameter Item        | Specification |
|-----------------------|---------------|
| Model                 | HST-SQ60A     |
| Max. Cutting Diameter | Φ60 mm        |
| Spindle Speed         | 2800 rpm      |
| Cutting Power         | 2.2 kw        |

| Parameter Item                         | Specification          |
|----------------------------------------|------------------------|
| Cutting Wheel Size                     | 250×1.5×32 mm          |
| Workbench Size                         | 200×230 mm             |
| Cooling System                         | Water cooling          |
| Cooling Liquid Tank Capacity           | 60 L                   |
| Water Tank Dimension & Net Weight      | 620*500*395 mm, 21 kg  |
| Water Tank Package Size & Gross Weight | 675*550*530 mm, 30 kg  |
| Machine Dimension & Net Weight         | 730*720*680 mm, 107 kg |
| Machine Package Size & Gross Weight    | 840*840*800 mm, 130 kg |
| Power Supply                           | Three-phase 380V 50HZ  |