

ASPHALT MIXTURE SHEAR STRENGTH TEST CUTTING MACHINE SYD-0850

Asphalt mixture shear strength test cutting machine SYD-0850 is used to cut the test specimen that meets the requirements for asphalt mixture bending test, asphalt mixture shear strength test, asphalt mixture uniaxial compression dynamic modulus test.

FEATURES

- ⊙ This instrument consists of two parts: the main machine of the cutting machine and the electrical control box.
- ⊙ Select the most suitable diamond saw blade according to the strength range and gradation composition range of the asphalt mixture.
- ⊙ The high-precision transmission system is adopted to ensure the cutting accuracy of the test piece; within the range of 0.15mm to 0.2mm.
- ⊙ Double blade design, the feed speed of saw blade is adjustable.
- ⊙ Changing the different sheet clamps can realize the function of cutting multiple test pieces, and the operation is simple and convenient.
- ⊙ Fully sealed protective cover, safe to use and low noise.
- ⊙ The whole cutting process is fully controlled by the controller.



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TECHNICAL SPECIFICATIONS

Power supply	AC(380±7%)V,50Hz
Cutting power	4000W
Motor waterproof class	IP65
Saw blade rotating speed	3000r/min
Saw blade diameter	φ470mm
Specimen	Cube specimen thickness from 25mm to 150mm Cylinder specimen diameter of D100mm (Standard) Cylinder specimen diameter of D150mm (the clamping device should be ordered separately)
Total power consumption	5000W
Working condition	5~35°C/Relative humidity ≤85%
Net weight	400kg
Overall dimensions	1800mm×1300mm×2100mm (cutting machine) 700mm×300mm×1200mm (controller)

SINCE 2006

ZHUOZHOU TIANPENG INSTRUMENT MANUFACTURING CO., LTD.
Website: www.testmould.com Tel:+86-312-3852880