



# HUMBOLDT

## Sample Prep Saws for Semi-Circular Bend Test



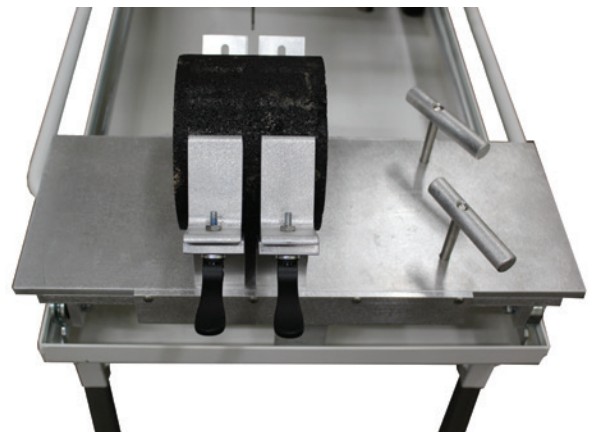
H-1357.3F

### SCB Sample Preparation Saw

This sample preparation saw is used to prepare 50mm or 62mm asphalt specimen disks from gyro or field core samples for use in semi-circular bend (SCB) tests, ASTM D8044. The saw features customized precision alignment, which ensures precise parallel and perpendicular alignment, as well as a customized 16" (406mm) blade, which cuts samples quickly and precisely. It also features a custom fixture that takes the guesswork out of cutting specimen disks to size. Once the specimen is loaded, no clamping and re-clamping is required. Simply slide the table to the pre-configured offsets, 50mm or 62mm standard thickness sizes and lock the fixture in place with the two included dowel handles. The included cam handle brackets quickly secure 4" and 6" specimens into the fixture.

The saw operates at 230V 60Hz, which is recommended, but can be also be used on 120V with a plug adapter (not provided). The saw can be bench mounted, but also comes with 4 adjustable legs for free-standing capability.

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Customized fixture included with the H-1357.3F Sample Preparation Saw



## Sample Prep Saws for Semi-Circular Bend Test

### Half/Notch-Cut Prep Saw

This sample prep saw is used for cutting asphalt samples in half and cutting the required notch for SCB testing samples. It has been customized to provide the degree of precision necessary for preparing test specimens.

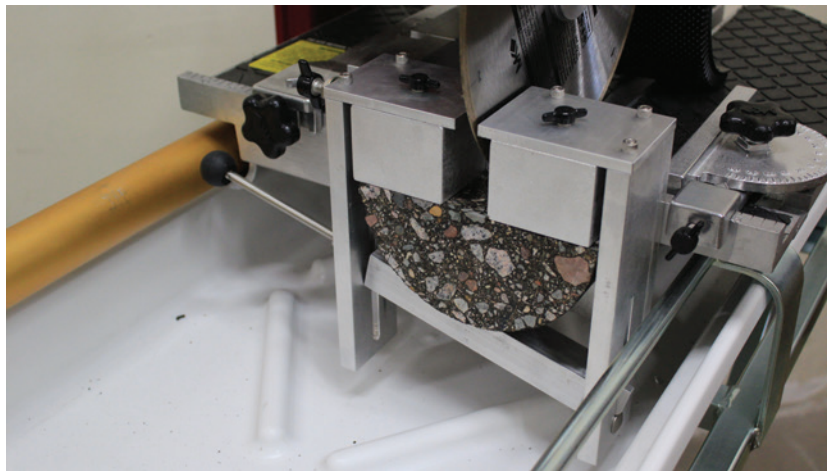
The standard configuration provides a notch cut for AASHTO TP124. An optional set of spacer blocks can be added for making the three different notch cuts for the Louisiana SCB, ASTM D8044 method, order H-1358.1.

The saw is comprised of a 10" (254mm) tile saw and includes a 0.050" thick blade, which corresponds with the requirements for SCB testing. In addition, the saw features a custom, spring-clamp fixture, which provides quick loading and secure holding of asphalt specimens for halving and notch cutting. A precision-machined alignment block is provided to check the saw for both 75mm and 145mm settings.

The saw can be bench mounted, but also comes with a folding stand for free-standing capability.



H-1358



Customized fixture included with the H-1358 Half/Notch-Cut Prep Saw