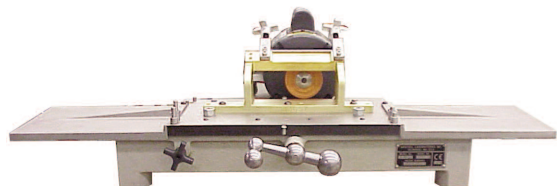


# Urschel® Model BJJ

## Crosscut Knife Spindle Honer

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### SPECIFICATIONS

Length: ..... 36.88" (937 mm)  
Width: ..... 22.25" (565 mm)  
Height: ..... 11.38" (289 mm)  
Net Weight: ..... 135 lb (61 kg)  
Motor: ..... 1/6 HP (.13 kW)

### APPLICATIONS

The purpose of the Urschel Model BJJ Honing Machine is to sharpen heavy duty crosscut knife spindles used on Models B, CD, CD-A, R, RA-A, RA-D, J, J-A, J9-A, L, L-A, SL & SL-A dicers, as well as the plain crosscut and slicing knives for the Model GRL.

### OPERATING PRINCIPLE

The Model BJJ sharpens knife edges at the correct angle for clean cutting action combined with maximum edge strength. Controlled metal removal during sharpening insures uniform edge projection at all points on the crosscut spindle. This feature, combined with adjustable shear plates, maintains satisfactory cutting clearance.

Heavy duty crosscut knives on the Models B, CD, R, RA, J, L, and SL dicers are sharpened in place without removing the knives from the crosscut spindle. A holding fixture and shaft locates the knife spindle on the honing machine. As each knife moves into sharpening position, a hardened sliding pin provides a positive locating stop. A large balanced crank transfers smooth longitudinal travel to the knife spindle through a gear rack and pinion. An edge conditioning tool with renewable tungsten carbide insert is used for the removal of wire edges which form on the knives during sharpening. This insert is mounted in a bronze holder which slides along a cylindrical guide bar at the front edge of the table.

Plain crosscut and slicing knives for the Model GRL Strip Cutter and heavy duty crosscut knives used on the CD-A, RA-A, J-A, L-A, and SL-A are sharpened individually using specially designed fixtures. The degree of metal removal is regulated by a small hand control wheel which moves the knives in or out with respect to the motor driven circular honing wheel. All knives sharpened individually must be buffed or honed to remove wire edges.

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## Your Product Can Be Test Cut

Urschel Laboratories has a complete network of test facilities and experienced service and sales representatives around the world ready to work for you on any size reduction application. Contact your local Urschel Laboratories' representative to schedule a comprehensive, no-obligation test today at [www.urschel.com](http://www.urschel.com).



# URSCHEL

**LABORATORIES INCORPORATED**

2503 Calumet Avenue, P.O. Box 2200  
Valparaiso, Indiana 46384-2200 U.S.A.  
219/464-4811 Fax: 219/462-3879  
<http://www.urschel.com>  
E-mail: [info@urschel.com](mailto:info@urschel.com)

**Designers and manufacturers of  
precision size reduction equipment.**

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