

REMANUFACTURED AND AUTOMATED 325-12 CINCINNATI CENTERLESS GRINDER



CRI

SUPERIOR GRINDING PERFORMANCE

Grinding universal crosses present some unique issues for centerless grinding. Often the opposing journals have radius requirements and heavy, uneven stock removals caused by the preceding processes. CRI remanufactured a series of eight grinders for this major automotive supplier to automate their universal cross grinding operation.

The solution for this process was the 325-12 Cincinnati centerless grinder, fully remanufactured with rotary diamond dressing, frequency drive for the grinding wheel, CRI's frequency drive transmission retrofit, servo infeed, gaging, and part handling automation. **OPEN ARCHITECTURE**

CRI's open architecture controls package operates on a Windows 2000 PC system that offers the ability to integrate with a front office system for management oversight of daily operations. Management reports and SPC functionality can come right from the machine's operation system. The complete system is fully programmable, offering consistency from operator to operator.

DOCUMENTATION

CRI provides full documentation with each machine, including electric and hydraulic schematics. All programs are included. We provide training for your operators to ensure smooth integration into your production.

WARRANTY

Each CRI remanufactured machine comes with a 24-month warranty on both spindles and a 12-month complete machine warranty. If you experience any issues, CRI's technicians will come to your plant and rectify all mechanical, electrical, or programming issues.

PROCESS DEVELOPMENT

Let CRI inspect your grinding processes and help you develop grinding systems that consistently meet quality and production requirements. CRI offers remanufacturing on exchange, allowing you to keep production running while we prepare a grinding system for you. Call CRI today, come in and visit our remanufacturing facility, or have us come into your facility to see how we can help you reach your grinding goals.



SPECIFICATIONS: 325-12 CINCINNATI CENTERLESS GRINDER

- Main drive: 25 HP
- Grinding wheel maximum dimensions: 24" diameter x 12" width x 12" bore
- Regulating wheel maximum dimensions: 14" diameter x 12" width x 6" bore
- Regulating wheel speeds: 12-300 RPM
- Approximate weight: 18,000 lbs.

THRUFEED OPTIONS AVAILABLE:

- Electric Dressing
- Auto Diamond Advance
- New Style Rate Valve
- Grinding Wheel Frequency Drive
- Constant Surface Feet
- Frequency Drive Transmission Replacement
- Micro Comp System
- Hydraulic Taper Adjustment
- Low Friction Slides
- Mist Suppression System
- Automation

INFEED OPTIONS AVAILABLE:

- CNC Dressing
- Electric Dressing
- Auto Diamond Advance
- New Style Rate Valve
- Grinding Wheel Frequency Drive
- Constant Surface Feet
- Frequency Drive Transmission Replacement
- Servo Infeed System
- Hydraulic Taper Adjustment
- Low Friction Slides
- Mist Suppression System
- Automation



Centerless Rebuilders, Inc.
1.800.249.8103 US and Canada
586.749.6529
www.centerless.net
57877 Main Street
New Haven, MI 48048
Fax: 586.749.529
e-mail: info@centerless.net