

Universal Press Recorder

Data collection in wheel shops

Instantly select diagrams by date, customer, wheel, axle, disc, or gear serial number.

Chart Manager can be used at the press or from any computer on the network for quick access to any mounting diagram.

E-mail selected groups of charts to other departments or customers who can view the data with our free viewing application.

Works seamlessly with our Misfit Tracking System and Shipping Manifest System.

Operated by touch screen, mouse or keyboard.

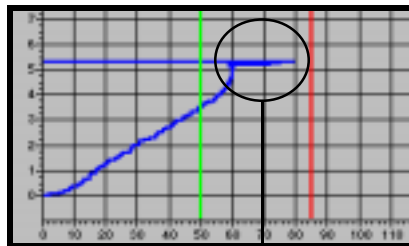
Technical Support is available 24 hours a day, 7 days a week for quick problem resolution. Remote administration and troubleshooting via modem is available. On-site troubleshooting is available when necessary.

We offer complete Wheel Shop Management Systems. We can also build a custom data collection system for your shop!

The **Universal Press Recorder (UPR)** is a computerized system for recording pressure while mounting train wheels, axles, gears, and discs. It generates mounting diagrams like those produced by the manual gauges but makes retrieval, reporting, inspections and supervisory functions much easier. By automating this process, you can streamline your day-to-day operations, produce more assemblies, record more accurate data and reduce press errors.

The UPR can record mounting diagrams for wheels, bearings, gears and discs. Anything else you put on an axle that needs a mounting chart can be included. The UPR has the ability to build a database of specific assembly types and can associate the mounted components with each other — even when the components are assembled days later or at different presses.

A personal computer logs pressure versus distance and displays a mounting diagram as each component is mounted. Because the mounting diagrams are computer generated, storage and retrieval operations are greatly simplified. The UPR produces custom reports or you can use your desktop database to produce your own charts and graphs. All of this information is accessible via the Chart Manager at the press or on any computer on the network.



Bearing Spike Chart

The UPR includes a **Bearing Spike Control** function. This capability allows the operator to enter a desired spike height for the mount. The associated Programmable Logic Controller then controls the press to produce the desired mount and spike size.

The Bearing Spike Control feature eliminates the operator response time variable from the spiked mounts. Each spike is per your specification.

Reduces Errors

- Detects six types of common misfits automatically
- Serial numbers can be scanned instead of manually entered
- Detects duplicate serial numbers
- Uses Precision Pressure and Displacement sensors
- Press monitoring ensures operation guidelines are followed

Saves Time and Money

- Allows instant access to charts via the network
- Allows viewing of mounting charts while production continues
- Tracks production by customer
- Simplifies AAR audits
- Enables the export of press information to other programs
- Integrated viewing of all mounting charts
- Fewer errors — less downtime

Reliable

- Meets all requirements of AAR Rules 1.E.1 and 2.C.5
- Redundant data storage system
- NEMA 12/IP55 cabinet protects your press information
- High resolution NEMA 12/IP55 touch screen monitor
- Chart data is password protected to prevent tampering
- Multi-level system security — includes four levels of user security

Options

- Misfit Tracking System
- Shipping Manifest System

Visit our website
for more information
WheelShopAutomation.com

Wheel Shop Automation



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