



Wheel Shop Automation

Data Collection and Process Control

Press Recorder Product Comparison Chart

Feature	Wheel Press Gage	Wheel Press Recorder	Universal Press Recorder
Meets requirements of AAR MRSP Section G-II Rule 1.4	✓	✓	✓
Displays real-time display of pressure chart while mounting	✓	✓	✓
Displays Min and Max tonnage while pressing	✓	✓	✓
Detects minimum and maximum tonnage misfits	✓	✓	✓
Prints Mounting Charts on any standard Windows Printer	✓	✓	✓
Prints serial number and maximum tonnage on chart	✓	✓	✓
Utilizes Barcode Scanner for serial number data entry	✓	✓	✓
Operated by industrial NEMA 12 Touch screen computer	✓	✓	✓
Utilizes Barcode Scanner for wheel configuration data entry		✓	✓
Stores over 10 years of mounting charts per AAR G-II Rule 1.4.1.1		✓	✓
Stores Component Serial Numbers and manufacturing information		✓	✓
Allows retrieval of mounting chart by wheel serial number, axle serial number or Work in Progress ID		✓	✓
Combines multiple components into one Assembly for reporting		✓	✓
Detects the following additional misfits <ul style="list-style-type: none"> • Entry Spikes • Did not build pressure through 75% of the press • Drop-off after reaching minimum tonnage 		✓	✓
Detects spike pressure out of specification for wheelsets with inboard bearings			✓
Recognizes wheel barcodes from over 20 different manufacturers		✓	✓

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Feature	Wheel Press Gage	Wheel Press Recorder	Universal Press Recorder
Shop Manager can be used in the office to configure assemblies, set up users and review charts offline		✓	✓
Shop Manager can be installed on any computer on the network. Three licenses included.		✓	✓
Redundant hard drives for data security		✓	✓
Supports Wheel Shop Management Suite of products <ul style="list-style-type: none"> • Turn Tread Tracking • Bearing Tracking • Inbound Tracking • Outbound Tracking • Misfit Tracking 		✓	✓
Supports high production volumes for freight wheel sets (over 100 freight wheel sets per shift)		✓	
Allows printing of barcodes for wheel set components		✓	✓
Supports Double Ended Presses			✓
In addition to wheels, records mounting charts for gears, discs, gear boxes and bearings			✓
Allows retrieval of mounting chart by gears, discs, gear boxes and bearing serial numbers			✓
Allows pressing of components at different times and different presses			✓
Supports Spike Control on any component			✓
Supports assemblies where each component min/max tonnage and spike control can be configured			✓
Supports up to 50 additional data entry fields for manual measurements and observations.			✓

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