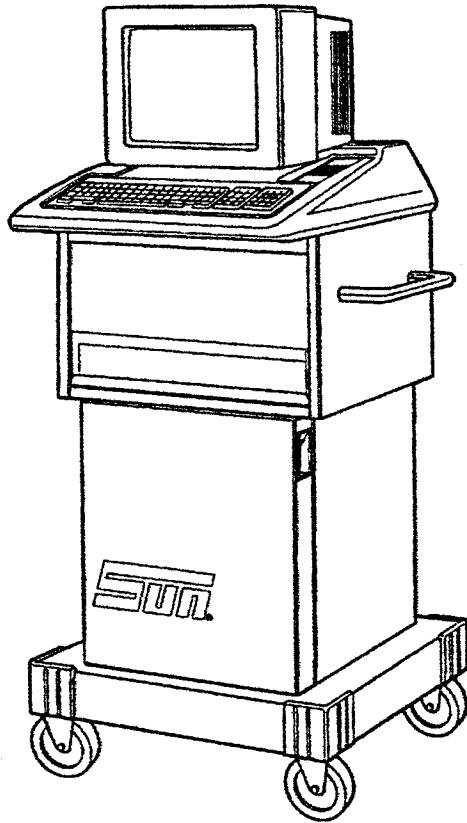


DELUXE WHEEL ALIGNMENT SYSTEM

BID SPECIFICATIONS



Model EEWA 108B

BASE UNIT

- **CPU Configuration:** 32MB of Random Access Memory (RAM), CD-ROM Drive, High Capacity Hard Drive, Floppy Drive
- **Operating System:** WINDOWS®
- **Display Monitor:** 14" SVGA
- **Pointing Device:** Choice of mouse, trackball or touchpad
- **Keyboard:** Industry-standard 104-key
- **Cabinet:** Mobile workbench
- **Printer:** Dot matrix

ALIGNMENT FUNCTIONS

- **Alignment Types:** Total 4-wheel, 4-wheel compensated, front wheel only (geometric centerline), 2-wheel 2-head
- **Alignment Display:** Front readings, rear readings, all readings, zoom readings
- **Measurements:** Front caster, front & rear camber, front & rear toe, steering axis inclination (SAI), thrust angle, included angle, front & rear setback, toe out on turns, vehicle dimension, toe curve (bump-steer)

OPERATOR ASSISTANCE

- **Software Features/Functions:**
 - Pro 32 Alignment
 - 3-D Animation
 - (Live Animated Suspension and Steering Adjustments)
 - Multiple A-Arm Adjust
 - Live Elevated Camber Only Adjustments
 - Live Elevated Caster/Camber Adjustments
 - Live Caster/Camber/Toe on Turn Plates
 - Customer Database
 - MAP Standards
 - Active Cradle Adjustments (SAI reference with live Caster)
 - Drag Link Adjust
 - 4-Wheel Steer Adjust Information
 - Rear Shim Programs
 - Driver Complaint Diagnostics
 - Alignment Angle Diagnostics
 - Inspection Reports
 - Adjustment Help Files
 - Aligner Operation Help Files
 - Alignment Theory Help Files
 - Suspension and Steering Help files
 - Alignment Specifications (25 years)
 - Vehicle Suspension and Steering Line Drawings
 - E-Z Toe adjust @ 0 or 10 degrees
 - Suspension Plus
 - Customizable Alignment Routine
 - Full Function Keypad @ Measuring Heads
 - Multiple Rack Calibration (Camber Compensation)*
 - *Calibration hardware and software required
 - Eccentric Bushing Calculator
 - WINDOWS 98 Operating System

ALIGNMENT HARDWARE

- **Standard Measuring Heads:**
6 optical sensor measuring system
- **Optional Measuring Heads:**
6-sensor cordless IR
8-sensor optical*
8-sensor cordless IR*
* 8 sensor systems include calibration
- **Standard Accessories:**
Brake pedal depressor
Steering wheel holder
Merchandising Kit
- **Optional Accessories:**
EEWA105ACA Calibration Package
EEWA105ARD Digital Remote Display
EEWA105ATP Truck Turnplates
EEWA105ATC Truck Wheel Clamps
(Heavy Duty 18" - 24.5" wheels) (2)
EEWA105ATA Offset Truck Adapter Extension Kit
(Includes EEWA105ATO and EEWA105ATW)
EEWA105ATO Offset Truck Adapter
EEWA105ATW Truck Wedge Grip Extensions
EEWA105ATT Front Turnplates (2)
EEWA105AWS Wheel Stands (4)
EEWA105ARW Rack Wiring Kit
EEWA105ARS Rear Slip Plates (2)
EEWA105ALP Light Pen
EEWA105AKC Protective Keyboard Cover

VEHICLE APPLICATIONS

- **Wheel Sizes:** 10" - 20"
- **Tire Diameter:** to 32"
- **Tread Width:** 48" - 96"
- **Wheel Base:** 79" - 200"

POWER REQUIREMENTS

- 115V/1PH, 50/60Hz/8Amp
- 220V/1PH, 50/60Hz/8Amp

Specifications subject to change without notice.

Snap-on®

SS1839

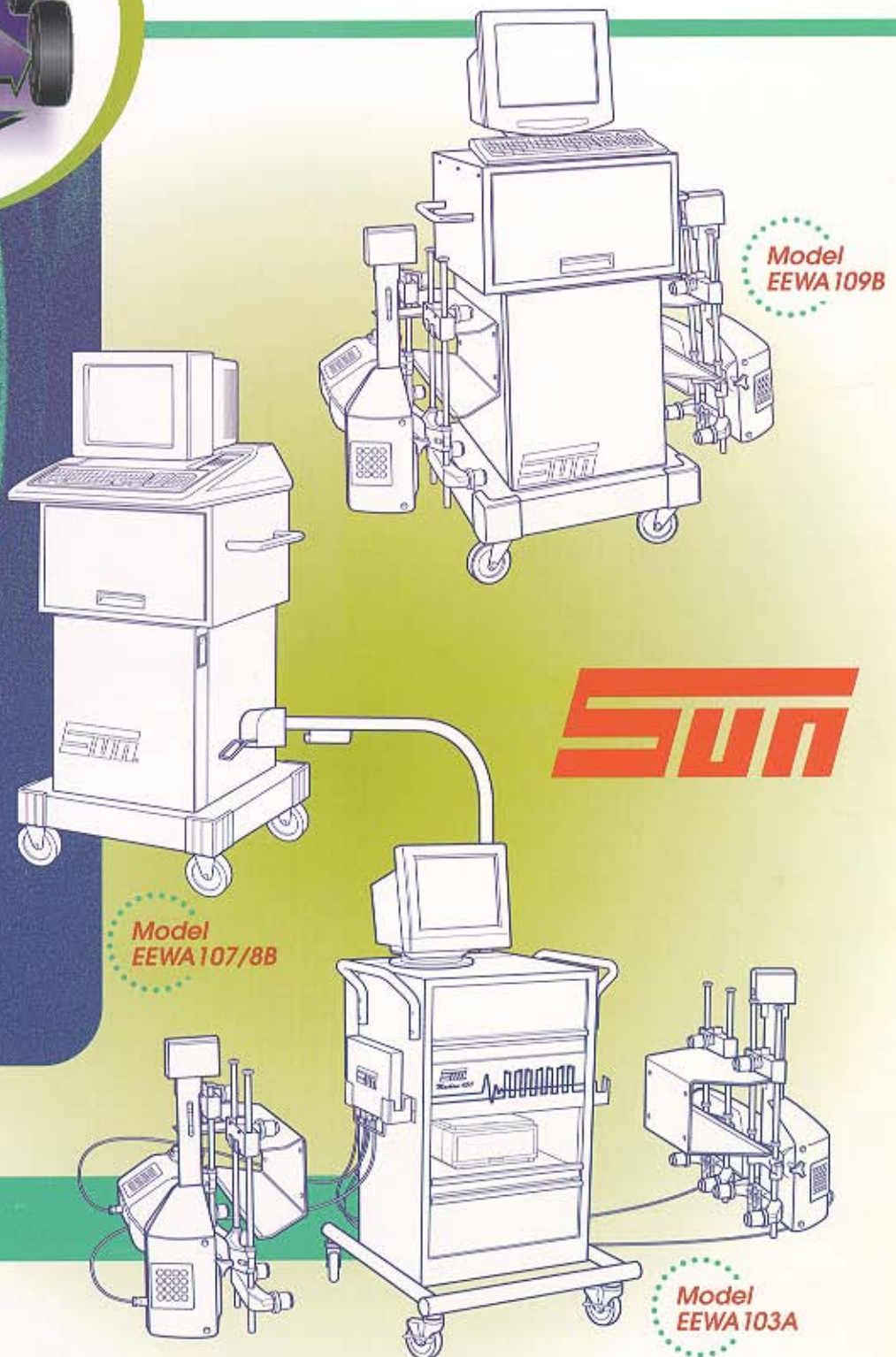
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SAFETY INFORMATION

- Products may have inherent risk to the user.
- Read, understand and follow all safety messages on the product, user manual and vehicle to be serviced before operating the Deluxe Wheel Alignment System.
- Improper use may result in injury

Wheel Alignment Solutions



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For Current Information see www.equiserv.com/techsupport

Software Designed To Make The Most Complex Alignment Jobs Simple And Fast!



More than a measuring system, the SUN Wheel Alignment System is a technician's assistant, producing inspection reports, customer databases, vehicle specifications and diagnostics as well as directing alignment procedures.

	Left	Cross	Right
Front			
Caster	0.0°	0.0°	0.0°
Camber	-0.0°	0.0°	-0.0°
Toe	-0.01°	0.0°	-0.01°
Rear			
Camber	-0.0°	0.0°	-0.0°
Toe	-0.01°	0.0°	-0.01°
Thrust Angle		0.0°	
Front Diagnostics			
Initial Readings			

The all readings screen shows the vehicle's total alignment status, with in-spec measurements marked in green and out-of-spec in red. Diagnostic angles and live adjustment readings are available too.



SUN Models EEWA 107/108 with Pro-32 software and WINDOWS® 98 operating system provide extraordinary power and versatility. Pro-32™ alignment "wizards" offer step-by-step guidance and are pre-programmed to follow manufacturer's recommended procedures and industry recognized alignment methods.

The **Select Alignment System** includes a DVD drive, sound card and 17" multimedia monitor, with integral side panel speakers, to fully support SUN Pro-32 software, as well as SHOPKEY® 32 Repair on DVD. SUN Select Software has all of the features of the Deluxe software package plus full multimedia capabilities to run information software programs along with fax, networking and internet capability.



The **Deluxe Alignment System** is enclosed in a compact, space-saving roll cabinet, and features a 14" display monitor, Windows 98 operating system, choice of a mouse, trackball or touchpad, 32MB of RAM, CD-ROM drive, high capacity hard drive and dot matrix printer. The SUN Deluxe software package includes all of the features of the advanced package (described on the opposite page) plus SUN Pro-32 alignment software and MAP standards.

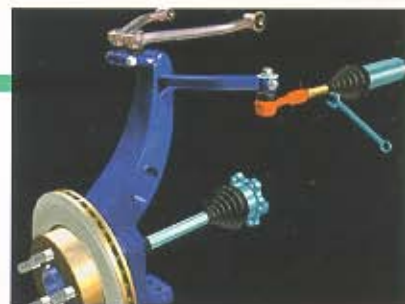
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Full Featured Basic Alignment In An Economical Console Or SUN[®] Machine Add-On Module.



Adjustment assistance software calculates corrections needed and steps the technician through simple and fast procedures. Programs include live caster, a-arm adjust, rear shim programs, cradle adjust and more.



Animated adjustment illustrations highlight with vivid color, remove visual obstructions and show movement.

The **Advanced Alignment System** contains a 25-year database of vehicle specifications to provide complete vehicle coverage for nearly every make and model vehicle on the road today. In addition to total 4-wheel, 4-wheel compensated and front wheel only alignment types, advanced software permits the measurement of additional critical suspension and sub-frame positioning values for exacting accuracy. Advanced software also features Driver Complaint Diagnostics, to allow the technician to diagnose and troubleshoot alignment problems by symptom. A live cradle adjust program for front wheel drive vehicles ensures proper engine cradle-to-vehicle body specification.

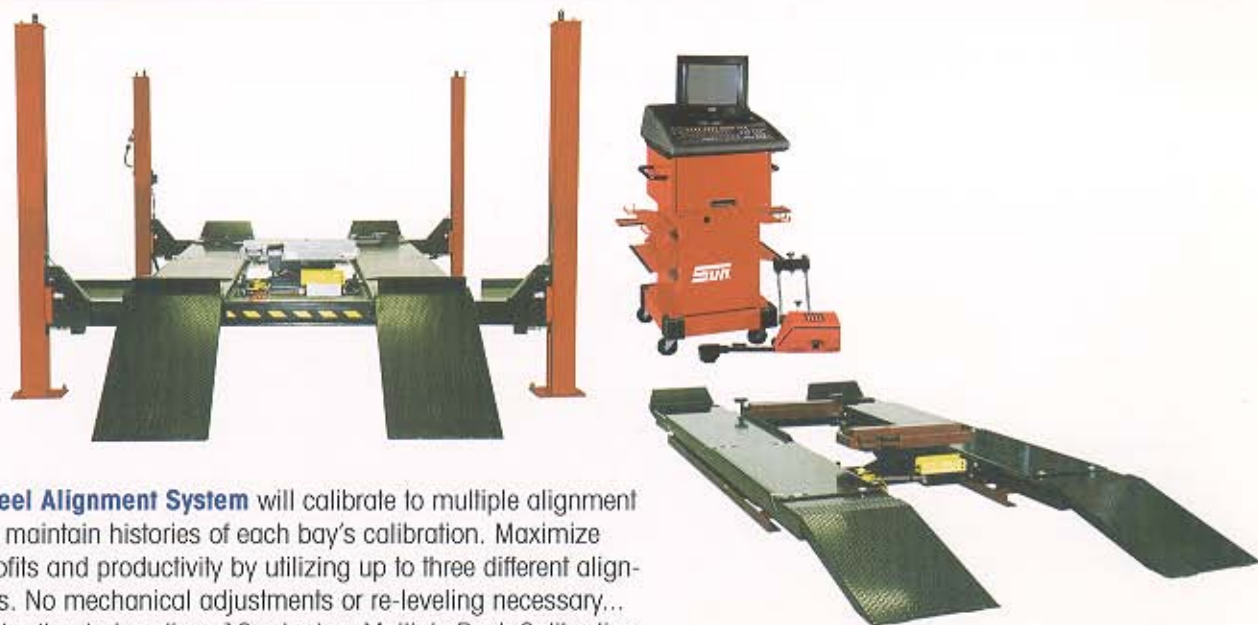
The **Combo Alignment System** expands the SUN Machine engine analyzer into a combination diagnostic platform that's unmatched in the industry. The result is a full featured basic alignment unit paired with the most advanced diagnostic analyzer available. Fully self-contained and easy to install, the streamlined kit includes 6-or 8-sensor measuring heads and a compact interface module that can be mounted in a handy optional holster on the side of SUN Machine. Head mounting brackets or a head storage caddy are also optional. SUN Machines now have the expanded capability of providing alignment services, in addition to engine analysis.



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Multiple Bay Calibration For Up To Three Alignment Surfaces!



The **SUN Wheel Alignment System** will calibrate to multiple alignment surfaces and maintain histories of each bay's calibration. Maximize alignment profits and productivity by utilizing up to three different alignment surfaces. No mechanical adjustments or re-leveling necessary... complete calibration in less than 10 minutes. Multiple Rack Calibration also compensates for minor out of level rack or floor conditions.

8 Sensor Technology Assures Your Aligner Is In Calibration For Every Alignment.



8 Sensor Technology continuously checks toe sensor calibration by monitoring degree output of each measuring head, including direct total rear toe, direct rear setback, chassis dimension integrity and wheel base differences.

- Assists technician in diagnosing suspension problems.
- Toe curve measurement checks parallelism of steering linkage and suspension control arms.
- Assures level heads prior to starting any alignment job.
- 8 sensor measuring heads include calibration package below.

End User Calibration Virtually Eliminates Costly Downtime And Potential Comebacks.

Optional calibration package allows the shop technician to precisely calibrate the entire alignment measuring system within minutes.



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Hardware/Software Configurations To Meet Every Budget And Shop Need.

Hardware Specifications

	EEWA107B	EEWA108B	EEWA109B	EEWA103A
CPU	333MHz(min)	333MHz(min)	333MHz(min)	(host)
RAM	64 MB	32 MB	32 MB	(host)
Operating System	Windows 98	Windows 98	Windows	(host)
Floppy Drive	yes	yes	yes	(host)
Hard Drive	yes	yes	yes	(host)
DVD/CD Rom Drive	DVD	CD	CD	(host)
Display Monitor	17"	14"	14"	(host)
Pointing Device	choice*	choice*	mouse	(host)
Keyboard	yes	yes	yes	(host)
Modem	yes	no	no	(host)
Network Card	yes	no	no	(host)
Multimedia Package	yes	no	no	(host)
Base Cabinet	yes	yes	yes	(host)
Printer	laser or color inkjet	dot matrix	dot matrix	(host)
6 Sensor Optical Measuring Heads	std.	std.	std.	std.
8 Sensor Optical Measuring Heads**	opt.	opt.	opt.	opt.
6 Sensor Cordless Measuring Heads	opt.	opt.	opt.	n/a
8 Sensor Cordless Measuring Heads**	opt.	opt.	opt.	n/a
Full Function Keypad @ Measuring Heads	yes	yes	yes	yes
Calibration Package	opt.	opt.	opt.	opt.
Digital Remote Display	opt.	opt.	opt.	opt.
Steering Wheel Holder	std.	std.	std.	std.
Brake Pedal Depressor	std.	std.	std.	std.

* Mouse, trackball, touchpad.

** Calibration package included

NOTE: Specifications subject to change without notice.

Software Specifications

	EEWA107B	EEWA108B	EEWA109B	EEWA103A
Pro-32 Software	•	•	•	•
Live Animated Suspension and Steering Adjustments	•	•	•	•
Multiple A-Arm Adjust	•	•	•	•
Live Elevated Camber Only Adjustments	•	•	•	•
Live Elevated Caster/Camber Adjustments	•	•	•	•
Live Caster/Camber/Toe on Turn Plates	•	•	•	•
Customer Database	•	•	•	•
MAP Standards	•	•	•	•
Active Cradle Adjustments	•	•	•	•
Drag Link Adjust	•	•	•	•
4-Wheel Steer Adjust Information	•	•	•	•
Rear Shim Programs	•	•	•	•
Driver Complaint Diagnostics	•	•	•	•
Alignment Angle Diagnostics	•	•	•	•
Inspection Reports	•	•	•	•
Adjustment Help Files	•	•	•	•
Aligner Operation Help Files	•	•	•	•
Alignment Theory Help Files	•	•	•	•
Suspension and Steering Help files	•	•	•	•
Alignment Specifications (25 years)	•	•	•	•
Vehicle Suspension and Steering Line Drawings	•	•	•	•
E-Z Toe adjust	•	•	•	•
Suspension Plus	•	•	•	•
Customizable Alignment Routines	•	•	•	•

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Aligner Accessories



Calibration Package
EEWA105ACA



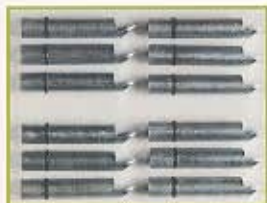
Wheel stands, Set of 4
EEWA105AWS



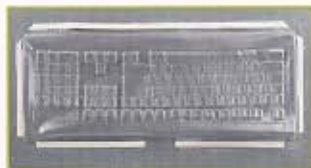
Remote Display
EEWA105ARD



Offset Truck Adapter
EEWA105ATO



Truck Wedge Grip Extensions
EEWA105ATW



Protective Keyboard Cover
EEWA105AKC



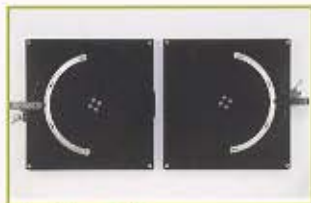
Rear Slip Plates
EEWA105ARS



Truck Wheel Clamps
EEWA105ATC



Truck Turn Plates
EEWA105ATP



Front Turn Plates
EEWA105ATT



Rack Wiring Kit
EEWA105ARW



Head Storage Brackets
EAK0214J18A



Brake Pedal Depressor
EAK0214J15A



Steering Wheel Holder
EAK0214J14A



4,500/6,000 lb. Capacity
Jack Beams
EELR108/109A



Quad Rack 10,000/12,000 lb.
Capacity Alignment Lift
EELR100/102A



Kodiak 18,000 lb. Capacity
Alignment Lift
EELR124A



Wheeltron 9,000 lb.
Capacity Wheeltron
Scissor Lift
EELR113/114A



Oracle Quad Rack
14,000 lb. Capacity
Alignment Lift
EELR121A

Snap-on Diagnostics

For more information, call your local Snap-on representative or visit our website at www.snapondia.com

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