

Speed™ and Speed Plus

Frame Alignment System for Light Cosmetic Damage



CAR-O-LINER®

Your safety - our mission

The Perfect Fit for Light Hits!

As traffic density increases in cities and populated areas, the number of fender benders grows. Today, more than 80% of all accidents occur at such low speeds that they do not cause any structural damage to the vehicles involved.



Collision repair shops can benefit considerably by focusing their resources on repairing this kind of cosmetic damage quickly and cost effectively. Speed, our lightweight, high-quality, express bench was created with this in mind and is designed for the quick and cost effective repair of cosmetic body damage.

Versatility Improves Workflow

Speed can handle most types of sheet metal damage. What makes this bench different from most ordinary alignment benches is that Speed's versatility allows you to complete almost the entire job on just one bench. All repair and service operations can be performed quickly and effectively using a single set-up. You avoid the unnecessary interruptions that arise when moving the car between different work stations for steps such as disassembly, alignment, welding, sanding and filling. This gives you a greatly improved work flow since the larger benches are kept free for more advanced work, increasing your overall workshop capacity.



Ergonomic Design a Benefit To Technicians

When lowered, Speed's scissorlift has such a low profile that you can drive/roll the vehicle over it. No ramps or external accessories are needed. No posts are needed, allowing for superior vehicle access. Moreover, the car can be quickly and easily raised to the most comfortable height (up to 5'2") for each repair operation. These ergonomic features increase efficiency and offer a productive working environment for the technician.



*Speed Plus —
A longer bench
allowing pulling
from both ends*

Speed with D20 draw aligner

Features and Benefits

- Designed for cosmetic damage repair (can handle most types of sheet metal damage) and other light service and repair work
- Small footprint makes it the perfect addition to any type of repair/service shop
- Ergonomic design — easy to reach damaged areas with nearly 6' maximum lift height
- Versatile — the entire job can be completed using just one bench, shortening cycle times and increasing profits
- Quick set-up time — drive or roll the car over the lifting platform, 4" resting clearance
- 5-ton draw aligner offers 360° multi-angle pulling with Speed Plus
- Flexible installation — can be installed above or in-ground

Save Time, Make Money

Speed will quickly pay for itself

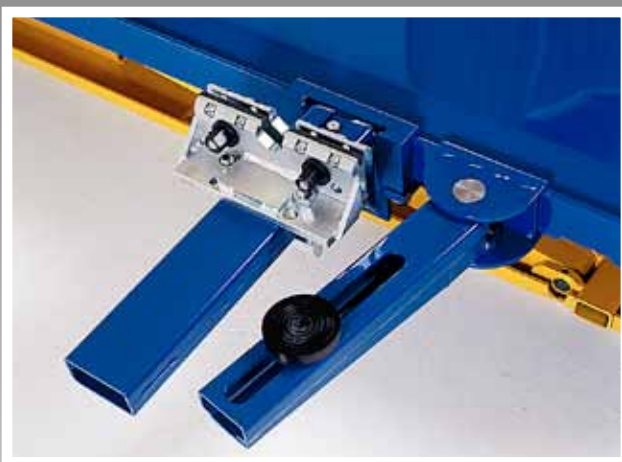
The shorter cycle times and better utilization of workshop resources that Speed provides results in greatly increased profits! And it's not only your workshop that benefits from Speed's efficiency, but also your customers — the vehicle owners and insurance companies. It's a fact that your customers appreciate quick and efficient service. If they get it, they'll spread the word — which will also lead to increases in your bottom line.



SPACE SAVING With the in-ground installation option, your equipment takes up less space in your shop allowing for greater productivity.



VERSATILE The 5-ton draw aligner can be adjusted in any position and is self-locking.



QUICK The removable bench arms can be adjusted vertically for easy clamping and mounting without lifting the vehicle off the bench.



ERGONOMIC Speed can be raised and lowered to the most comfortable working position for each operation. Accessibility is perfect around the entire vehicle.

Light, but not a lightweight

Speed is one of the most effective lighter weight benches on the market. Packing a 5-ton draw aligner with 5,500 lbs of lifting capacity, there isn't much that this bench can't tackle in the way of cosmetic damage repair. Speed's convenient draw aligner can be turned 180° around the platform at one end and tilted 90° horizontally. Once pulling begins, the draw aligner "locks" into the correct position. For more pulling power there is the Speed Plus bench, which allows for the attachment of two draw aligners, one at either end.



ACCESSIBLE Once locked in position with the chassis clamps and lifted, pulling and other service/repair work can begin. (Optional B110 chassis clamps shown)

Quality Components and Standardized Accessories

Laser-cut components, in high-strength steel, guarantee precision in dimensions as well as solid mounting for the supporting arms and the draw aligner. The stable compound leverage floor lift is also built of high-strength steel, while the double cylinders and mechanical security lock provide maximum safety for the technician.

The Speed bench has all the accessories you could possibly need. Moreover, the accessories you buy for your first Speed are designed to fit later models. You can successively expand your operations with multiple Speed benches, all using the same draw aligners and accessories. This reduces investment costs and makes long-term financial sense.

Technical Data

Lifting Platform	
Length/Speed	8 ft 3 in (2 510 mm)
Length/ Speed Plus	9 ft 3½ in (2 833 mm)
Width	2 ft 6 in (766 mm)
Min. height	4 in (104 mm)
Max. height	5 ft 2 in (1600 mm)
Work area size Speed	11ft 10in x 9ft 9in (3 600 x 2 966 mm)
Work area size Speed Plus	16ft 7in x 9ft 9in (5 064 x 2 966 mm)
Total weight, lift and work platform	1100 - 1300 lbs (550 - 600 kgs)
Lifting capacity (max vehicle weight)	5,512 lbs (2,500 kg)
Hydraulics	
Pulling force (per draw aligner)	5 tons
Hydraulic pressure	10 000 psi (210) bar
Air connection pressure	max 10 bar
Sound level	Below 70 dB(A)
Electrical cable length	13 ft (4 m)
Hydraulic hose length	23 ft (7 m)
Cable to control box	33 ft (10m)
Power	1 Ph, 60 Hz, 110/220 V



Speed D201 Side Pull extension and lifting cylinders

Your Total Solutions Provider

... Complete Systems and Support

Invest in long-term success with the innovative technology and tools you need!

Car-O-Liner's total solutions provide you with:

- The right product for every repair
- Comprehensive OEM approvals
- Reliable technology to increase productivity, satisfaction, workflow and revenue



Platforms that increase productivity



Highly efficient welding systems



Assured quality control in real time with Car-O-Tronic Measuring Systems



WorkShop solutions that facilitate lean production



EVO System for holding, anchoring and fixturing offers low operating costs



Knowledge is power, supplied by the Academy training programs



24 hour access to vehicle information



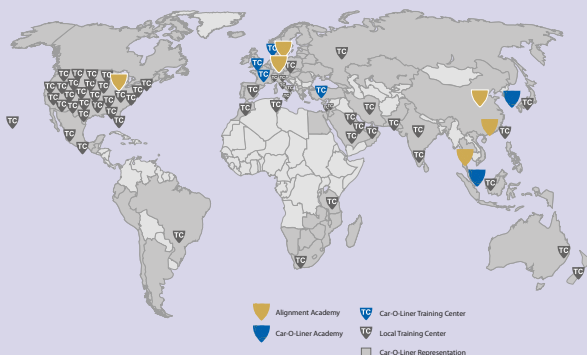
Customer service worldwide



CAR-O-LINER®
academy

The Power of Knowledge

Training and Information Solutions



Practical — Conveniently Located

- Over 50 training centers around the world; more than 25 in the United States
- North American training headquarters located in Wixom, Michigan

Proven — Industry Approved

- ASE Certified
- CASE Approved
- I-CAR Industry Training Alliance Member

Powerful — Certified Instructors

Increase your understanding of:

- Electronic measuring
- Damage analysis
- Vehicle clamping
- Welding, and more!



Car-O-Liner Company, a brand of Alignment Systems Group, is a global provider of high-quality, technologically-advanced collision repair equipment to the automotive aftermarket. For more than 35 years, we have supplied the industry with innovative solutions, technical development, training and customer support. Over 45,000 Car-O-Liner collision repair systems are in use worldwide.

Alignment Systems Group and Car-O-Liner global headquarters are located in Gothenburg, Sweden, with manufacturing operations in Kungsör, Sweden and satellite offices worldwide. Car-O-Liner has a global sales team with local distributors in more than 70 countries. Car-O-Liner Company is in the Detroit suburb of Wixom, Michigan, conveniently near many of our valued OEM partners.



Integrity



Innovation



Willingness to change



Winning spirit

Car-O-Liner is recognized for its leadership in the marketplace by continuously delivering high-quality products and exceptional customer service.

CAR-O-LINER®
Your safety - our mission

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