

BenchRack™

Universal collision repair system



CAR-O-LINER®

Rack up your Profits with BenchRack!

A truly universal and versatile addition to any bodyshop — the BenchRack™ systems are designed to hold and lift virtually any type of unibody or full frame vehicle. From small cars to light trucks, vans and SUVs.

Put a BenchRack in your shop you will be able to repair each collision damaged vehicle that enters your shop; from slight cosmetic work to full-frame repairs. The unsurpassable BenchRack combines drive-on convenience with a hydraulic lift and removable ramps. Add to this the tilt feature, which makes loading easier when approach space is limited, and you have the most versatile repair bench on the market.

Efficiency at its best

With BenchRack, you may lift the vehicle when loaded on the ramps or lift the frame on chassis pads, leaving the wheels and wheel wells free. 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 versatility allows for increased productivity for your body shop — saving time and money!



User-friendly Solutions

BenchRack systems increase not only the productivity of your equipment, but also of your technicians. Assisted by the integrated lift, technicians will always work at the most comfortable height. A generous amount of space between the vehicle and bench offers greater accessibility for underbody work. Our special cam locks make it easy to lock BenchRack components onto the bench ensuring secure mounting of the vehicle.



The best fit for your shop

All workshops differ in size and shape, but with lengths of 4.2, 5.0, 5.5 and 6.3 meters to choose from, Car-O-Liner offers a BenchRack system to match your shop's needs. Large or small, cramped or spacious, we have a BenchRack model that's a perfect fit for your shop.

Each one of our BenchRack models share a single purpose: to increase your productivity and your profits by allowing for faster set-up times, analysis and repair.

Features and Benefits

- **Versatile** — Four lengths, 4200, 5000, 5500 & 6300mm, there's a perfect BenchRack for your shop
- **Powerful** — 10-ton draw aligner pulls from almost any angle, 360° around the vehicle
- **Ergonomic design** — removable ramps allow better access to the vehicle
- **Precise information** — with accurate, real-time measuring when used with the Car-O-Tronic Vision2 and Car-O-Data measuring system
- **Effective Holding & Clamping** — no need for dedicated, vehicle specific fixtures when using the EVO universal anchoring system
- **Truck clamping** — accessories provide strong, no-slip safe holding
- **Flexible installation** — fixed, mobile or pit mountings for use in all workshops of all sizes
- **OEM Approved** — Meets a majority of OEM equipment requirements

BenchRack always measures up when used with a Car-O-Tronic Vision2 electronic measuring system



Speed up your repair process by using one of the innovative Car-O-Tronic Vision2 measuring systems. With several versions to choose from, both electronic and mechanical, there is sure to be a system to fit your requirements.

BenchRack's machine milled surfaces enable exact measuring each and every time. And with Car-O-Data, the world's largest vehicle measurement database, you'll get precise vehicle information during the entire process – a fantastic system that offers a total solution!

Simultaneous, multiple pulling capabilities

Our powerful 10-ton draw aligners, featuring state-of-the-art hydraulics, can pull from almost any angle, 360o around the vehicle. Use one or two as needed and you'll finish your repair work in no time!

With a lifting capacity of up to 4,200 kgs your shop can repair virtually any car, SUV or light truck to come through your door.

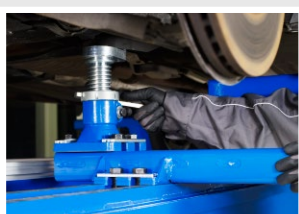
BenchRack - a truly universal frame alignment systems for all workshops!



Universal clamp and bench mounting; the strongest for no-slip holding capacity



Exclusive pillar jacks and threshold (rocker) supports make mounting of vehicles fast, safe and easy



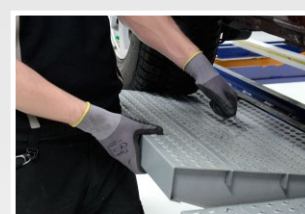
Hold and anchor with the EVO 1, 2, & 3 universal fixturing system to save cost on rental accessories



Strong pulling with the 10-ton chain kit



Easy access with drive-on, removable ramp sections that lift out easily to allow better access to the vehicle



Make	Subgroup	Model	Body code	Type	Year	Wheel	No.	Issue
Satuki	Cars	Palmera	MA225	Five Door Hatch...	2009-2013	2400	5-204	2011-08-01
Satuki	Cars	Palmera	MA225	Five Door Hatch...	2008-2013	1800	21-189	2009-01-01
Satuki	Cars	Nano	ED00	Five Door Hatch...	2006-2008	1800	21-356	2005-04-01
Satuki	Cars	Nano	ED00	Five Door Hatch...	2004-2005	1800	21-197	2004-04-01
Satuki	Cars	SA 150A13	AA3A AA53	Three Door Hatch...	1987-1988	1245	21-040	1986-08-01
Satuki	Cars	SA 150A13	AA3A AA53	Five Door Hatch...	1987-1988	1245	21-040	1986-08-01
Satuki	Cars	SA 150A13	AA3A	Three Door Hatch...	1985-1986	1245	21-038	1984-03-01
Satuki	Cars	SA 150A13	AA3A	Five Door Hatch...	1985-1986	1245	21-038	1984-03-01
Satuki	Cars	SBA	FBW15,VB15...	Five Door/Front...	2006-2013	1500	21-423	2006-03-01

Precise information — with accurate, real-time measuring throughout the process when used with the Car-O-Tronic Vision2 Measuring System and Car-O-Data, the world's leading database providing information on over 15,500 vehicles, from diagnosis to final documentation

Maximize the Benefits of BenchRack!

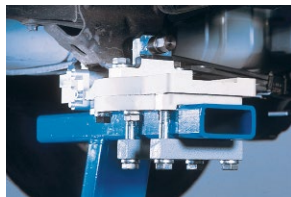
Hold on to more business

BenchRack sets a new standard for universal repair benches, both on the shop floor and in the profit and loss accounts.

By adding any one of Car-O-Liner's EVO Systems for anchoring and holding you get a flexible system with few components – but many possibilities.



Down pulls may be quickly executed with the D91 support system



Truck clamping and holding is made easy with our B73 & B730 truck clamping kits



The loading trolley allows you to load immobilized vehicles and can also be used as a vehicle safety stop



The EVO system locks parts in place when pulling, or holds them in place during welding operations

Car-O-Liner Truck Clamping kits are also ideal companions to the BenchRack. These systems, that have set industry standards for full-frame repairs, allow you to anchor and repair any full-frame compact truck, pick-up truck, van and SUV on the market – with holding power that far exceeds pulling requirements.

Add to the BenchRack one of the Car-O-Tronic Vision2 measuring systems and you'll get precise vehicle information with real-time control during the entire process.

With the BenchRack, EVO, Truck Clamping and Car-O-Tronic you'll have the best solution for rapid results and premium quality – from diagnosis and repair to final check and documentation.

Technical Data

Lifting Platform	
Length	4 200, 5 000, 5 500, 6 300 mm
Width	1170 mm
Max. length with draw aligner	Bench length + 1 120 mm
Max. width with draw aligner	2 295 mm
Width (with ramps attached)	2 020 mm standard ramps 2 240 mm wide ramps
Min. height	400 mm
Max. height (floor to top of platform)	1 190 mm
Work area size with draw aligner on both sides	3 415 mm ²
Total weight, lift and work platform	950 - 1300 kg
In-ground capability	Yes
Tilt feature	Yes
Loading angle	Bench 2,6° Driving ramps 12°
Lift capacity (max. vehicle weight)	4 200 kg
Lift capacity (in-ground max. vehicle weight)	4 200 kg
Hydraulics	
Pulling force (per draw aligner)	10 tons
Hydraulic prepressure (max)	700 bar
Power Unit	
Hydraulic pressure	210 bar
Air connection pressure	max 10 bar
Sound level	Below 70 dB(A)
Electrical cable length	4 m
Hydraulic hose length	7 m
Cable to control box	10 m
Power	3 Ph, 50 Hz, 200/230/400 V 1 Ph, 60 Hz, 110/220 V

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



car-o-liner.com

