

CAR-O-LINER®



MARK6™

FLEXIBILITY MEETS YOUR NEEDS

MARK6™

FLEXIBLE FRAME ALIGNMENT SYSTEM

Car-O-Liner's **Mark6** bench is designed around the idea that the more flexible a collision repair system is, the more productive it will be. With a series of configurations to choose from, **Mark6** offers flexibility in getting the combination of equipment best suited to your business. **Mark6** is a mobile bench system with

the added convenience of drive-on mounting. Simply roll/drive the car over the lifting platform. Moreover, the vehicle may be quickly raised to the most comfortable height for each repair operation. These ergonomic features increase efficiency and offer a productive working environment for the technicians.

FIXED, MOBILE OR PIT INSTALLATIONS



THE MARK6™ ALIGNMENT BENCH WILL FACILITATE HIGH QUALITY REPAIRS TO COLLISION DAMAGED VEHICLES. THE BENCH IS SUITED FOR MOST PASSENGER CARS AND LIGHT TRANSPORT VEHICLES.

DRIVE-ON

TO REDUCE CYCLE TIMES



VERSATILITY GIVES PRODUCTIVITY

The **Mark6** alignment bench facilitates high quality repairs to collision-damaged vehicles. This versatile bench is suited for most passenger cars and light transport vehicles. Attach the 10-ton draw aligner to the bench when alignment work on collision-damaged vehicles is needed. By installing an hydraulic lift unit the bench and vehicle may be raised to further improve the working conditions.

MORE EFFICIENCY, SHORTER CYCLE TIMES

The **Mark6** consists of a bench frame with tracks on all four sides for attachment of wheels, bench mountings and jack plates. The wheel assemblies can be placed in any position on the tracks offering high mobility for your daily business. With a **Mark6** in your shop you can quickly and accurately repair vehicles to meet OEM requirements.

SUPPORT THE ENTIRE VEHICLE REPAIR PROCESS WITH MARK6™.

FEATURES AND BENEFITS

- **UNIVERSAL** solution for cars, vans, light trucks and SUVs
- **POWERFUL** 10-ton draw aligner offers 360° multi-angle pulling capacity
- **EFFECTIVE ANCHORING** with the **EVO™** universal system that allows for effective holding and clamping without specific vehicle fixtures
- **ACCURATE REAL-TIME MEASURING** when used with **Car-O-Tronic®** Vision2 X3 and the **Car-O-Data®** vehicle measurement database
- **TRUCK CLAMPING** accessories provide strong, no-slip, safe holding
- **INTERCHANGEABLE ACCESSORIES** allow you to build the perfect system for your shop

EVO™ SYSTEM

DESIGNED TO OPTIMIZE YOUR PERFORMANCE



IT'S THE FIGURES ON THE BOTTOM LINE THAT MATTER. THAT'S WHY EVO IS DESIGNED TO OPTIMIZE YOUR PERFORMANCE.

By adding any of Car-O-Liner's **EVO** systems for anchoring and holding you get a flexible system with few components, but multiple possibilities, and with holding power that far exceeds pulling requirements.

With three configurations, the modular **EVO** system easily evolves into a variety of possibilities for addressing your repair needs.

These universal kits work for every vehicle year, brand and model saving you the cost of expensive specific equipment.

The **EVO** systems work superbly on their own, but to achieve maximum benefit they can be integrated with the **Car-O-Tronic** electronic measuring system and **Vision2 X3** software package. You'll have the best solution for rapid results and premium quality from diagnosis and repair to final check and documentation.

SAVE STRUCTURAL REPAIR TIME WITH EVO

TRANSFORM HOURS INTO EARNINGS

A leading body shop focuses on craftsmanship, equipment and design when it comes to aligning and repairing modern vehicles. That's why Car-O-Liner offers **EVO** - a universal system that can handle every imaginable anchoring and holding situation. **EVO** is a system in three parts with few components and where each component can be assembled with the others in a multitude of configurations.

The **EVO** systems work superbly on their own, but to derive maximum benefit they can be integrated with the **Car-O-Tronic** electronic measuring system and **Vision2 X3** software package. You'll have the best solution for rapid results and premium quality from diagnosis and repair to final check and documentation.

EVO™ 1 OPTIMIZES YOUR PERFORMANCE

EVO 1 Basic Anchoring System contains an optimal number of components offering a wide variety of configurations. It is a system made for easy and speedy holding and anchoring, without extra fixtures.

EVO 1 INCLUDES

- Three towers
- Multipurpose clamp
- Track plates
- Adapter with bushings
- Chain holder
- Torque bar

EVO™ 2 MORE OPTIONS FOR AN OPTIMIZED PROCESS

EVO 2 Extended Anchoring, is an evolution of **EVO 1**, allowing you to more easily tackle advanced repairs by providing additional equipment for anchoring, holding and side support further optimizing your process.

EVO 2 INCLUDES

- Two extra towers and track plates
- Special tools for rear axle bracket
- Torque bar extensions and adjustable holders

MAXIMUM PROFIT WITH EVO™ 3

EVO 3 is made for building a fixture to hold new body parts in place when welding and bonding. When combined with **EVO 1** and **EVO 2**, and supported by the **Car-O-Tronic Vision2 X3** electronic measuring system, the equipment works on all vehicle models.

EVO 3 INCLUDES

- Adjustable fixture heads
- Lockable universal joints
- Lock handle
- All-purpose mini clamp for frame rails
- Inner fenders and strut towers

HANDLE EVERY ANCHORING, HOLDING AND FIXTURING WITH EVO™ SYSTEM.

PRECISE INFORMATION

REAL-TIME MEASURING PROCESS WITH CAR-O-TRONIC®



CAR-O-TRONIC® VISION2 X3

Car-O-Tronic is the fastest, most accurate and easiest to use 3D measuring system on the market. The sensor-equipped measuring slide allows the operator to manage the entire measuring process without the need to be at the computer. Delivering data in real-time, it is the most advanced system for upper and lower body measuring.

ACCELERATE YOUR BODY SHOP RESULTS BY COMBINING ANY CAR-O-LINER ALIGNMENT BENCH WITH CAR-O-TRONIC® VISION2 X3. YOU'LL HAVE THE BEST SOLUTION FOR RAPID, ACCURATE AND PREMIUM QUALITY REPAIRS.

THE MOST EFFICIENT AND ACCURATE DAMAGE REPAIR SYSTEM

Car-O-Tronic communicates wirelessly with the **Vision2 X3** software. This photo-based and user-friendly platform, when used together with **Car-O-Data**, the world's largest vehicle measurement database, allows you to work quickly and accurately.

Vision2 X3 presents an intuitive workflow that guides the entire repair process and performs automatic centering, measuring and documentation. Its user-friendly, easy-to-learn interface allows technicians to measure damaged vehicles quickly and accurately. All these features working together contribute to reduced cycle times and more efficient diagnosis.

Combine any Car-O-Liner alignment bench with **Car-O-Tronic Vision2 X3** and **Car-O-Data** to ensure that the vehicle is returned to your customer meeting OEM



standard conditions. Reinforce the trust in your body shop with quality, timely repairs that generate more business.

THE VAST MAJORITY OF VEHICLES ON THE ROAD TODAY CAN BE FOUND IN CAR-O-LINER'S DATABASE.

With crucial measurement references available at your fingertips, this is guaranteed to be a profitable addition to your business. New and updated vehicles models are continuously measured by our international team of experienced engineers who are supported by virtually every major vehicle manufacturer around the world.

DECREASE CYCLE TIMES — INCREASE REPAIR QUALITY AND PROFITS

With our comprehensive measuring data you will see an immediate improvement in the level of quality your technicians put into every diagnosis, which in turn gives shorter cycle times and raises your shop's bottom line.

FEATURES AND BENEFITS

- **SENSORS IN EACH JOINT** deliver real-time data three times/second
- **WIRELESS** means no targets or lasers
- **PRECISE 3D MEASUREMENTS** for all under and upper body locations for accurate repairs
- **CAR-O-DATA COMPATIBLE** so you can quickly find comprehensive vehicle measurement data
- **PHOTO-BASED IMAGES** offer easy point identification
- **VISION2 SOFTWARE** contains information on EVO™ anchoring systems to speed up your repairs
- **INFO CENTER** for online software/data updates, news, support and interactive training
- **OEM APPROVED** ensures repairs meet a majority of OEM requirements/approvals

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**WHEN FLEXIBILITY
MEETS YOUR NEEDS:
FIXED, MOBILE OR
PIT INSTALLATION.**

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PRODUCT INFORMATION

AND TECHNICAL DATA

STANDARD COMPONENTS

OPTIONAL ACCESSORIES

MARK6 CLASSIC

ITEM	PART NO.	QTY.
BM05 Mark 6 Platform with lift	34574	1
T550 Ramps Mark 6	34429	1
D16 Draw Aligner	30346	1
B60 Bench Parts Standard	30176	1
EV01 Basic	35413	1
EVOMk Adapter Mark 6	35829	1
D164 Cylinder & Pump for D16	44450	1
Power unit, Hydraulic oil. See Power Unit	-	-

MARK6 STANDARD

ITEM	PART NO.	QTY.
BM05 Mark 6 Platform with Lift	34574	1
T550 Ramps Mark 6	34429	1
D16 Draw Aligner	30346	1
B60 Bench Parts Standard	30176	1
EV01 Basic	35413	1
EV02 Extension	35419	1
EV03-1 Additional Kit	35420	1
EVOMk Adapter Mark 6	35829	1
D164 Cylinder & Pump for D16	44450	1
Power unit, Hydraulic oil. See Power Unit	-	-

POWER UNIT

ITEM	PART NO.	QTY.
T611 Power unit, 400V 3ph 50Hz + T655 Hydraulic oil	35879	1
T612 Power unit, 200V 3ph 50Hz + T655 Hydraulic oil	35880	1
T613 Power unit, 220V 3ph 50Hz + T655 Hydraulic oil	35881	1
T614 Power unit, 110V 1ph 60Hz + T655 Hydraulic oil	35882	1
T615 Power unit, 220V 1ph 60Hz + T655 Hydraulic oil	35883	1

D16 DRAW ALIGNER

Part. No.30346

D164 CYLINDER & PUMP FOR D16

Part. No. 44450

DRAW ALIGNER ACCESSORIES

ITEM	PART NO.	QTY.
D90 Down Pull for D16	30412	1
T35 Chain Kit, 10 ton	35889	1

B60 BENCH PARTS STANDARD

Part. No. 30176

ITEM	QTY.
B59	-
B106	4
B39Mk	4

B600 BENCH PARTS B34

Part. No. 35894

ITEM	QTY.
B59	-
B106	4
B34Mk	4

OPTIONAL ACCESSORIES

BASE FRAME

ITEM	PART NO.	QTY.
BM05 Mark 6 Platform with Lift	34574	1
B12 Mark 6 Platform	33192	1

MARK6 RAMPS OR WHEELS KITS

ITEM	PART NO.	QTY.
T550 Ramps Mark 6	34429	1
B550 Wheel Kit	34586	1
T56 Wheel Pallet	30554	4
B88Mk Singel Post Adapter Kit	40840	1

PRODUCT INFORMATION

AND TECHNICAL DATA

OPTIONAL ACCESSORIES

OPTIONAL ACCESSORIES

BENCH PARTS EVO SYSTEMS

ITEM	PART. NO.	QTY.
EVO1 Basic	35413	1
EVO2 Extension	35419	1
EVO 3 Universal Fixture	35719	1
EVO3-1 Additional Kit	35420	1
EVOMk Adapter Mark 6	35829	1

B73 BASIC TRUCK CLAMPING

Part No. 35890

ITEM	QTY.
B250	2
B260	2
B213	2
B250-E1	4
B250-E2	4
B260-E4	4
B260-E5	4
B156-A2	2
B156-A5	2
B156-A6	2
B156-A10	2
B156-A14	2
B250-H1	2
B250-H4	2
B250-G1	2
Nut	4
Spacer	4
Screw M20x220	4
Screw M20x320	2
B156-B3	2
B156-B5	2
B156-B6	2
B156-B10	2
B156-B11	2
M20 Nut	2
Washer	2

T250 CABLE PROTECTION

Part No. 31040

B730 TRUCK CLAMPING

Part No. 35891

ITEM	QTY.
B250	2
B260	2
B213	2
B250-E1	8
B250-E2	8
B260-E4	4
B260-E5	4
B156-A2	2
B156-A3	2
B156-A5	2
B156-A6	2
B156-A10	2
B156-A14	2
B250-H1	4
B156	2
B250-H1	2
B250-H3	4
B250-H4	4
B250-H6	2
B250-G1	2
B250-G2	4
B156-C1	4
Nut	2
Spacer	2
B156-B1	2
B156-B3	2
B156-B5	2
B156-B6	2
B156-B10	2
B156-B11	2
M20 Nut	2
Washer	2
Screw M20x220	4
Screw M20x320	4

B340MK BENCH MOUNTING

Part No. 35893

OPTIONAL ACCESSORIES

TECHNICAL DATA

T10 UNIVERSAL PULLING HOOK

Part No. 34638

ITEM	QTY.
T10-1	1
T10-2	1
T10-3	1
T10-4	1
T10-5	1
T10-20	1

T11 ACCESSORIES FOR T10

Part No. 30541

ITEM	QTY.
T11-1	1
T11-2	1
T11-3	1
T10-5	1
T11-5	1

T70 PULL CLAMP KIT

Part No. 32000

ITEM	QTY.
T71	1
T72	1
T73	1
T815	1

TRANSPORT, SUPPORTS AND HOLDERS

ITEM	PART. NO.	QTY.
T67 Transport Wagon	34318	1
T43 Roller Trolley	32081	4
T48 Support Stand	30669	2
T53 Multi-pad metal	30941	4
T63 Holder for Multi-pad metal	30682	4

LIFTING PLATFORM

Pulling Force (per draw aligner)	10 ton
Length	4060 mm
Width	900 mm
Max Height	1360 mm
Min Height	200 mm (270 mm to top of cylinder)
Max. Length with Draw Aligner	5180 mm
Max. Width with Draw Aligner	2020 mm
Weight with Lift	680 kgs
Work Area Size (Draw Aligner on both sides)	3140 mm
Mobile Capacity	Yes, Optional
In-Ground Capacity	Yes
Milled surface for measuring	Yes

HYDRAULICS

Lift Capacity (Max vehicle weight)	2800kg (6,160lbs)
360° Pulling Capacity	Yes
Power	3 Ph, 50 Hz 200, 230, 400 V 1 Ph, 60 Hz, 110, 220

WE CARE ABOUT BODY SHOPS

EXCELLENCE. INNOVATION. PASSION.

CAR-O-LINER ACADEMY

We are a competence development partner for the automotive industry, our main objective is to improve quality, safety and profitability for body shops.

THE TRAINING YOU NEED



RIGHT PERSON



RIGHT TIME



RIGHT COURSE



RIGHT COMPLEXITY

We enhance our customer's abilities by identifying the real competence and development needed and by offering solutions to meet these needs and accelerate the business growth.

WE OFFER THE SOLUTION



WE IMPLEMENT THE TRAINING



WE FIX THE ROOT OF THE PROBLEMS



WE MEASURE RESULTS

CUSTOMER SUPPORT

The Car-O-Liner Group headquarters is located in Gothenburg, Sweden, with subsidiaries located in Norway, Germany, France, United Kingdom, Italy, China, India, United States, Thailand and the Middle East.

Wherever you are, Car-O-Liner can provide customers with product information, training, support or data subscription/renewal.

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