



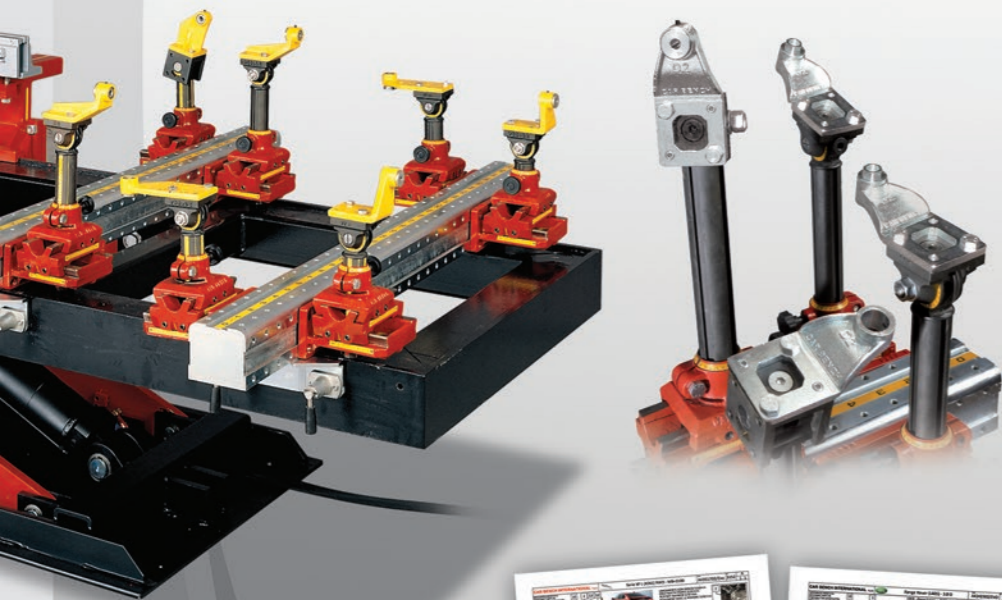
# Contact Evolution



### Extremely precise information and documentation

Car Bench supplies the automotive industry with the absolute innovative electronic system "Contact Evolution". Reliable, precise and customer friendly its a product meeting the requirements of both the OEMs, insurance companies and the panel beaters. Made in aluminum and carbon fiber and using the last generation encoders to control the 5 axes movements. This combination of materials makes it very light and strong at the same time and extremely practical. The software has been developed with the most advanced programming languages to guarantee the compatibility with the newest operative systems. The specific data base has been developed by Car Bench thanks to the long cooperation with the worldwide Car Manufacturers that allow us to use the nominal data of their vehicles, guaranteeing the maximum precision and extremely low requested tolerance on every single checking point. The Contact Evolution can be used for both the diagnosis and the repair supplying a detailed print out inclusive of pictures of the vehicle's status before and after the repair.

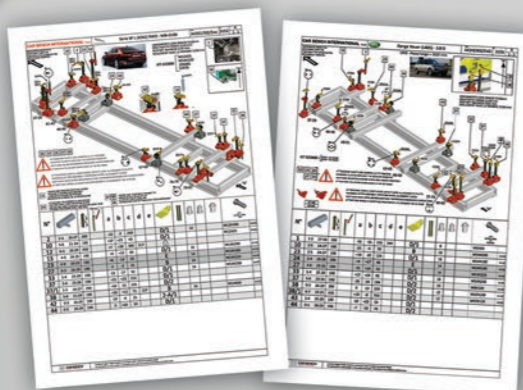
# Universal Jig Evolution



### Efficient and ready for the future

Future repair techniques are just around the corner and some of them has already arrived. There is only one way to get around Aluminium and Carbon fiber complex repairs and the answer is not by pulling, but by using an approved jig fixture. Car Bench invented the Universal Jig system in 1973 and has since been a worldwide market leader in jig fixture repairs in over 70 countries around the world. **Car Bench is an the original and patented Universal Jig system.** Including 3D - HD vehicle data information.

Working with Car Bench equipment you will learn quickly that there is no guesswork! You will always have the best quality result out of every single repair being it a big structural repair or a small cosmetic repair. The new thing you will experience by using Car Bench equipment is not only how rapid and precise it is or how comfortable it is to use, the most important thing for you and your business is the profit you will get back from using a Car Bench. Think about the future and invest in a long-term success with Car Bench.



# The Ultimate Repair Solution



VIA DORSALE 22 54100 MASSA (ITALY) T +39 0585 251261 F +39 0585 250071  
 E commerciale.italia@carbench.it commercial.dpt@carbench.it www.carbench.it



**CAR BENCH**  
 CAR BENCH INTERNATIONAL SPA

AVANGUARDIA TUTTA ITALIANA



# Manta Bench



- Scissor lift version

## No Limits

Car Bench guarantees no working limits and will repair any type of vehicle, from the smallest car all the way up to SUV's, vans and light trucks, including any type of full frame vehicle.

## User friendly and Easy as A-B-C

Try a new working experience by lifting any type of vehicle when loaded on the ramps with its over 6 tons (13,300 lbs) lifting capacity up to a unique working height of 1500mm (60" which can be stopped at any working height at any time). Furthermore, the benches are mobile on wheels even with a fully loaded vehicle attached on the bench.

# Muraena Bench



- Scissor lift version

## Superior Technology Solutions

Car Bench benches, also stands for superior lifting technology. In fact the scissor lift has a double effect in the system and as soon as the four wheels on the frame touches the floor, the whole scissor lift raises up from the floor and packs itself into the bench automatically, allowing you to easily move your bench around with a vehicle on top of it inside your workshop.

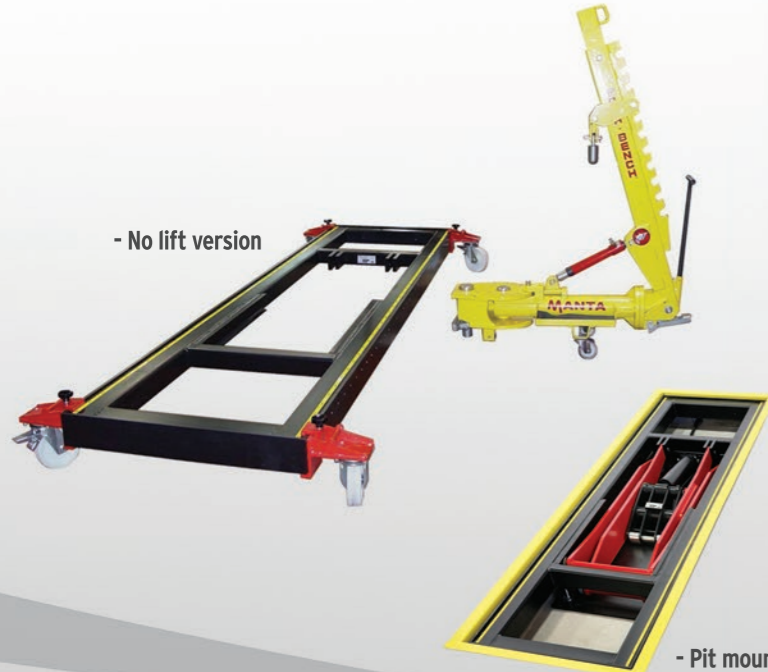
## Custom-built to fit every customers need and space.

The Car Bench systems are unique! Being available in different lengths starting from a smaller version of 4.0 meters (13'), to a middle size of 4.5 meters (15') and from there up to a 5.2 meters (17') bench. All models comes with an exclusive 6 tons lift.

# The Ultimate Repair Solution

## Versatility

With Car Bench you have maximum flexibility. The unique benches can either be mobile on four wheels on your shop floor and can be moved around with a fully loaded vehicle attached to the frame. Or it can simply be installed in a pit thanks to a unique lifting height up to 1500 mm. 60" which can be stopped at any height or working position at any time.



- No lift version

- Pit mounted version



### C233

Beefed up T-Clamps able to challenge over 10 ton pulls, with both Sill Clamps & Truck clamping kit.



### AA139

Downward pull chain support. Easy to use and installed in a minute.



### AA241 - MANTA

Drive on ramps with side runners for a quick loading of any type of vehicle including wheel chocks to prevent vehicle movement. Supplied in removable ramp sections.



### AA301

Practical winch for immediate and easy loading of the vehicle onto the Car Bench frame.



### C256

Set of special universal sill clamps with horizontal and vertical sliding



### AA139

Downward pull chain support. Easy to use and installed in a minute.



### AA241 - MANTA

Drive on ramps with side runners for a quick loading of any type of vehicle including wheel chocks to prevent vehicle movement. Supplied in removable ramp sections.

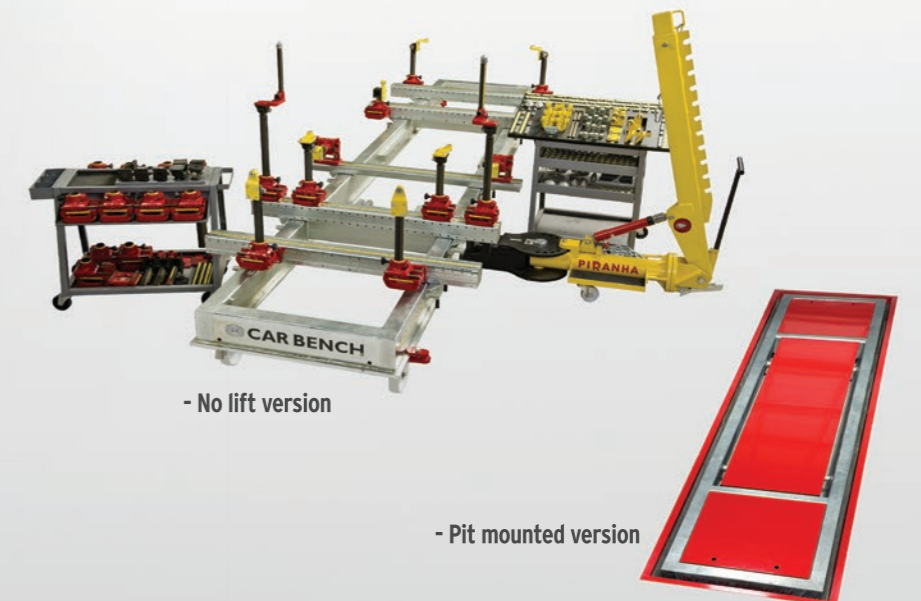


### AA301

Practical winch for immediate and easy loading of the vehicle onto the Car Bench frame.

## Power

Car Bench has always been famous for its highly engineered pulling arms and is still today the only producer building completely automatic and sliding pulling arms, both benches includes an extremely powerful mechanical pulling arm allowing 10 tons straightening from any angle 360° around the whole vehicle. At customer request, a second or even a third 10 ton pull arm, can be added to the Manta & Muraena bench.



- No lift version

- Pit mounted version

## Technical data:

| Platform with lift          |   |
|-----------------------------|---|
| Length:                     | 4.000mm (13') or 4.500mm (15') or 5.200mm (17') |
| Width:                      | 1.000mm (3' 4")                                 |
| Minimum Height:             | 290mm (11")                                     |
| Maximum Height:             | 1500mm (60" from floor level to platform)       |
| In ground capability:       | Yes   |
| Tilting features:           | Yes (double function for both sides)            |
| Mobile on wheels with lift: | Yes   |
| Lift capacity:              | 6 Tons (13,300 lbs)                             |

| Hydraulics                |   |
|---------------------------|---|
| Pulling power (each):     | 10 Tons   |
| Pull arm height:          | 2.250mm (7' 5")                                   |
| Pull arm length:          | 1.400mm (4' 7")                                   |
| Hydraulic pressure (max): | 700 bar   |
| Power unit                |   |
| Hydraulic pressure:       | 210 bar   |
| Sound level:              | Below 70 dB                                       |
| Electrical cable:         | 4.5 m (15')                                       |
| Hydraulic hose length:    | 6 m (20')   |
| Cable to control box:     | 10 m (33')  |
| Power:                    | 3ph, 50Hz, 200/230/400V or 1ph, 50/60Hz, 110/220V |



**CAR BENCH**  
CAR BENCH INTERNATIONAL SPA