

# OPTIMIZED PERFORMANCE



## BENCHRACK™

INCREASE EQUIPMENT AND TECHNICIAN PRODUCTIVITY



BenchRack in-ground installation

### TECHNICAL SPECIFICATIONS

#### LIFTING PLATFORM

|  |  |                      |                      |                      |
|--|--|----------------------|----------------------|----------------------|
| Length   | 4200<br>165in (14ft)                                       | 5000<br>196in (16ft) | 5500<br>216in (18ft) | 6300<br>248in (21ft) |
| Width  | 46in (3.8ft)   |                      |                      |                      |
| Max. length (with draw aligner)                  | Bench length + 44in (3.66ft)                               |                      |                      |                      |
| Max. width (with draw aligner)                   | 90in (7.5ft)   |                      |                      |                      |
| Width (with ramps attached)                      | 79.52in (6.62ft) standard ramps<br>88in (7.3ft) wide ramps |                      |                      |                      |
| Min. height                                      | 15.75in (1.3ft)  |                      |                      |                      |
| Max. height (floor to top of platform)           | 46.85in (3.9ft)  |                      |                      |                      |
| Work area size (with draw aligner on both sides) | 5293in <sup>2</sup> (11.2ft <sup>2</sup> )                 |                      |                      |                      |
| Total weight, lift and work platform             | 1 - 1.4 tons (2094 - 2866lb)                               |                      |                      |                      |
| In-ground capability                             | Yes  |                      |                      |                      |
| Tilt feature                                     | Yes  |                      |                      |                      |
| Loading angle                                    | Bench 2.6°   Driving ramps 12°                             |                      |                      |                      |
| Lift capacity (max. vehicle weight)              | 4.6 tons (9200lb)  |                      |                      |                      |
| Lift capacity (in-ground max. vehicle weight)    | 4.6 tons (9200lb)  |                      |                      |                      |

#### HYDRAULICS

|                                  |                       |
|----------------------------------|-----------------------|
| Pulling force (per draw aligner) | 10 tons               |
| Hydraulic max. pressure          | 10152.6 PSI (700 bar) |

#### POWER UNIT

|                         |                               |
|-------------------------|-------------------------------|
| Hydraulic pressure      | 3045.79 PSI (210 bar)         |
| Air connection pressure | Max 145 PSI (10 bar)          |
| Sound level             | Below 70 dB(A)                |
| Electrical cable length | 157in (13ft)                  |
| Hydraulic hose length   | 275in (23ft)                  |
| Cable to control box    | 394in (33ft)                  |
| Power                   | 110 V or 220 V (Single Phase) |



## EVO™ SYSTEMS 1-2-3

SPEED UP YOUR WORKFLOW



Quickly locate parts by integrating EVO Systems into the WorkShop Solutions wall.

### TECHNICAL SPECIFICATIONS

#### EVO 1 BASIC ANCHORING SYSTEM

|                    |                       |
|--------------------|-----------------------|
| Three towers       | Adapter with bushings |
| Multipurpose clamp | Chain holder          |
| Track plates       | Downpull & torque bar |

#### EVO 2 EXTENDED ANCHORING SYSTEM

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

#### EVO 3 HOLDING & FIXTURING SYSTEM

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

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WATCH THE  
BENCHRACK  
IN ACTION!





# BENCHRACK™

GET 10-TONS OF PULLING POWER 360° AROUND THE VEHICLE WHEN YOU ADD AN OPTIONAL EXTRA DRAW ALIGNER.



## EFFICIENCY

*BenchRack* was developed to increase your shop's efficiency and productivity. Eliminate cycle interruptions in one single setup. Accurately measure and access collision damage. Then fixture with *EVO*, repair, and document it ALL, quickly and effectively. Maximize your unique space with four length options, each with a 4.6-ton lift capacity for everything from light-weight aluminum vehicles to fully-load steel-frame trucks.



## ACCESSIBILITY

Removable ramps and powerful scissor lift provide close working access to critical areas of the vehicle without climbing on or crawling under the frame rack. An integrated lift can be set to any comfortable height, minimizing effort and reducing technicians' fatigue.

## FEATURES AND BENEFITS

- **OEM APPROVALS** more equipment approvals, achieved by testing and working closely with major manufacturers worldwide
- **VERSATILE** four length options (14, 16, 18, 21ft) allow you to choose the perfect *BenchRack* for your shop
- **POWERFUL** 10-ton draw aligner pulls from almost any angle, 360° around the vehicle; add a second (optional) for double pulling power
- **FLEXIBLE INSTALLATION** allows in-ground or above ground installation to accommodate all workshop sizes

## SAFETY

Safely mount any vehicle with solid pillar jack technology and securely lock components onto the *BenchRack* with our special cam locks.



## TRULY UNIVERSAL

THE *BENCHRACK* SYSTEMS ARE DESIGNED TO HOLD AND LIFT ANY TYPE OF UNIBODY OR FULL-FRAME VEHICLE, FROM SMALL CARS TO LIGHT TRUCKS, VANS, AND SUVs.



## COMBINE WITH ANCHORING, HOLDING, AND MEASURING SYSTEMS FOR OPTIMIZED PERFORMANCE

*Car-O-Liner* integrations will take your shop to the next level through diagnosis and repair to final check and documentation. Combine *Car-O-Liner Quick 42™* or *BenchRack* with *EVO* systems with the *Car-O-Tronic® Vision2™* electronic measuring system to deliver precise vehicle information with real-time control, fulfilling market demands, and providing certified processes from start to finish.

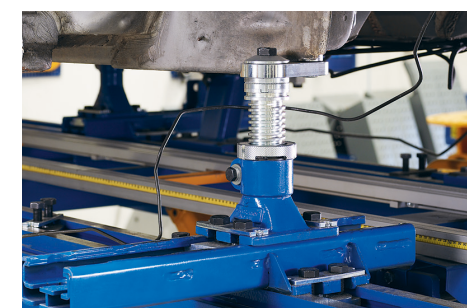


## UNIVERSAL EVO™ SYSTEMS ARE AVAILABLE IN THREE KITS THAT EVOLVE TO ADDRESS A MULTITUDE OF REPAIR NEEDS.



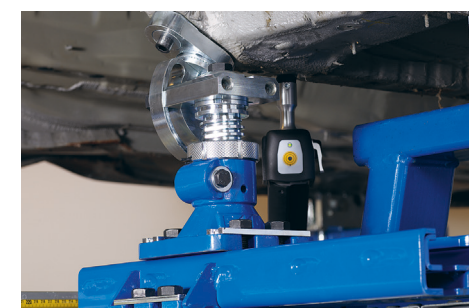
### EVO™ 1 - BASIC ANCHORING SYSTEM

Leverage a wide array of setups with the optimal number of components. This system isolates pulling forces three on three dimensions, avoiding secondary damage.



### EVO™ 2 - EXTENDED ANCHORING SYSTEM

Optimize your repair process with the evolution of *EVO 1*. Easily tackle complicated repairs with advanced anchoring, holding and isolation for structural repairs.



### EVO™ 3 - THE FIXTURING SYSTEM

Hold replacement parts in place while welding and bonding. *EVO 3* works on all vehicle models when combined with *EVO 1* and *EVO 2*, and supported by the *Car-O-Tronic Vision2 X3* electronic measuring system.

