



# **SPEED™ /SPEED™ PLUS**

**VERSATILITY SPEEDS THINGS UP**

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**Speed** is one of the most effective lighter weight benches on the market, there isn't much that this bench can't tackle in the way of cosmetic damage repair. It only takes a few seconds to set up the convenient draw aligner which can be rotated 180° around the platform at one end and

tilted 90° horizontally. Once pulling begins the draw aligner finds the correct position. For more pulling power there is the **Speed Plus** bench, which allows the attachment of two draw aligners, one at either end.

## SPEED UP THE REPAIR PROCESS

### REMOVABLE LIFTING ARM

With telescopic lifting pads that can be adjusted vertically, moved along a rail on each side of the platform, and rotated 180° horizontally

### WORKING PLATFORM

Choose the most suitable working height

2,500KG (5,500LBS)  
Maximum vehicle weight

### 104MM - 1600MM

Drive/roll almost any vehicle over the platform, then raise it to maximum lifting height for easy vehicle access



THE SPEED™ SCISSORLIFT HAS SUCH A LOW PROFILE THAT YOU CAN DRIVE/ROLL ALMOST ANY VEHICLE OVER THE PLATFORM, ELIMINATING THE NEED FOR RAMPS OR EXTERNAL ACCESSORIES.

# LIGHT

BUT NOT A LIGHTWEIGHT

### VERSATILITY IMPROVES WORKFLOW

**Speed** can handle most types of sheet metal damage, but what makes this bench different from most ordinary alignment benches is that Speed's versatility allows you to complete almost the entire repair job using just one bench. All service and repair operations can be performed quickly and effectively using a single setup. You avoid the unnecessary interruptions that arise when moving the car between different work stations which gives you a greatly improved workflow and increases your overall workshop capacity.

THE LIFTING PLATFORM IS EASY TO INSTALL, IT ONLY NEEDS TO BE ANCHORED TO THE FLOOR AND IT IS READY TO BE USED. THE 5-TON DRAW ALIGNER GIVES 360° MULTI-ANGLE PULLING POWER. USE TWO ON SPEED™ PLUS FOR EVEN MORE POWER. SPEED UP — INCREASE THE NUMBER OF REPAIRS AND YOUR SHOPS BOTTOM LINE.



### ERGONOMY ENHANCES PRODUCTIVITY

**Speed** offers superior vehicle access since no posts are needed, and vehicles can be quickly and easily raised to the most comfortable working height for each repair operation. These ergonomic features increase efficiency and offer a productive working environment.

### SPEED AND STRENGTH

Guaranteed high precision. While Speed is perfect for minor repair damage it can also handle heavy pulling work. Quickly attach the 5-ton draw aligner to begin alignment work on collision-damaged vehicles. **Speed** is suitable for most passenger cars and light transport vehicles.

### ADD PULLING POWER WITH SPEED™ PLUS

Choose **Speed Plus** for when you need double pulling power. This longer version of **Speed** allows the attachment of two draw aligners, so pulling can be done from both ends simultaneously.

### FEATURES AND BENEFITS

- **QUICK SET-UP TIME** increases your workshop capacity
- **5-TON DRAW ALIGNER** — offers 2,500kg and 360° multi-angle pulling capacity
- **LOW PROFILE** — Drive/roll the vehicle over the bench and get started right away on the repair
- **VERSATILE** — Speed can handles most types of sheet metal damage and cosmetic damage repair
- **SINGLE SETUP** — the entire repair job can be completed on one bench, shortening cycle times and increasing profits
- **TWO MODELS Speed** or the longer **SpeedPlus**, bring versatility to your repair shop
- **ERGONOMIC DESIGN** — makes it easy to reach damaged areas
- **TWO TYPES OF INSTALLATION**, above or in-ground, provide the versatility to complete cosmetic damage repairs as well as light service or repair work
- **SMALL FOOTPRINT** makes it the perfect addition to any type of repair/service shop
- **ACCURATE REAL-TIME MEASURING** when used with the **Car-O-Tronic®** measuring system and the **Car-O-Data®** vehicle measurement database



# 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 SPEED™ AND 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 **Speed** 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

**“ VERSATILITY SPEEDS THINGS UP ”**

# PRODUCT INFORMATION

## AND TECHNICAL DATA

### STANDARD COMPONENTS

#### SPEED PLATFORM

| ITEM                          | PART NO. | QTY. |
|-------------------------------|----------|------|
| BS13 Speed complete with lift | 34575    | 1    |
| B637 Speed Extension 60       | 32868    | 4    |

#### SPEED CLASSIC

| ITEM                                | PART NO. | QTY. |
|-------------------------------------|----------|------|
| BS13 Speed complete with lift       | 34575    | 1    |
| D20 Speed Draw Aligner w/o cylinder | 33045    | 1    |
| B660 Speed Bench Parts              | 35898    | 1    |
| B637 Speed Extension 60             | 32868    | 4    |
| D165 Cylinder & Pump for Speed D20  | 44449    | 1    |

#### VISION2 X3 SPEED

| ITEM                               | PART.NO. | QTY. |
|------------------------------------|----------|------|
| MC23 Car-O-Tronic Vision2 X3       | 34575    | 1    |
| M13 Measuring Bridge 3500          | 33045    | 1    |
| M420 Speed Ladder Support          | 35898    | 1    |
| M421 Spacer Kit for M420           | 32868    | 1    |
| B649 Speed Extension for Measuring | 44449    | 4    |
| T56 Wheel Pallet                   | 30554    | 4    |

### OPTIONAL ACCESSORIES

#### PLATFORM

| ITEM                      | PART NO. | QTY. |
|---------------------------|----------|------|
| BS13 Speed w lift         | 34575    | 1    |
| BS12 Speed Plus w lift    | 34576    | 1    |
| BS101 Speed w/o lift      | 35877    | 1    |
| BS111 Speed Plus w/o lift | 35878    | 1    |

#### B82 SPEED SINGLE POST ADAPTER KIT

Part No. 33041

### OPTIONAL ACCESSORIES

#### HYDRAULIC

| 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    |

#### D20 SPEED DRAW ALIGNER W/O CYLINDER

Part No. 33045

#### D165 CYLINDER & PUMP FOR SPEED D20

Part No. 44449

#### DRAW ALIGNER ACCESSORIES

| ITEM                         | PART NO. | QTY. |
|------------------------------|----------|------|
| D201 Speed Side Pull Support | 33001    | 1    |
| D92 Speed Down Pull          | 32992    | 1    |

#### B660 SPEED BENCH PARTS

Part No. 40850

| ITEM | QTY. |
|------|------|
| B30  | 4    |
| B639 | 4    |
| T32  | 1    |

#### B661 SPEED BENCH PARTS

Part No. 35898

| ITEM | QTY. |
|------|------|
| B30  | 4    |
| B106 | 4    |
| T32  | 1    |

### OPTIONAL ACCESSORIES

#### BENCH PARTS

| ITEM                             | PART. NO. | QTY. |
|----------------------------------|-----------|------|
| B636 Speed Chain Holder          | 32967     | 1    |
| B637 Speed Extension 60          | 32868     | 1    |
| B638 Speed Inboard Extension Arm | 32984     | 1    |

#### MEASURING CAR-O-TRONIC

| ITEM                               | PART. NO. | QTY. |
|------------------------------------|-----------|------|
| M13 Measuring bridge 3500          | 32023     | 1    |
| M420 Speed Ladder support          | 34765     | 1    |
| M421 Spacer kit for M420           | 34790     | 1    |
| B649 Speed Extension for measuring | 34386     | 4    |

### OPTIONAL ACCESSORIES

#### HYDRAULIC ACCESSORIES

| ITEM                      | PART. NO. | QTY. |
|---------------------------|-----------|------|
| T500 Speed Connection Kit | 33034     | 1    |
| T250 Cable Protection     | 31040     | 1    |
| T251 Cable Protection 45° | 33286     | 1    |

#### T56 WHEEL PALLET

Part No. 30554

### TECHNICAL DATA

| LIFTING PLATFORM                     | SPEED   | SPEED PLUS                        |
|--------------------------------------|---|-----------------------------------|
| Length                               | 2510mm (98,8in)                                 | 2833mm (111,53in)                 |
| Width                                | 766mm (30,15)                                   | 766mm (30,15in)                   |
| Min. height                          | 104mm (4,1in)                                   | 104mm (4,1in)                     |
| Max. height                          | 1600mm (62,99in)                                | 1600mm (62,99in)                  |
| Work area size                       | 3600 x 2966mm (141,7 x 116,7in)                 | 5064 x 2966mm (119,37 x 116,77in) |
| Total weight, lift and work platform | 550 - 600kg (1212,54 - 1322,77lb)               | 550 - 600kg (1212,54 - 1322,77lb) |
| Lift capacity (max. vehicle weight)  | 2500kg (5511,5lb)                               | 2500kg (5511,5lb)                 |
| HYDRAULICS                           |   |                                   |
| Pulling force (per draw aligner)     | 5 tons  | 5 tons                            |
| Hydraulic pressure on lift           | 210 bar   | 210 bar                           |
| Air connection pressure              | max 10 bar                                      | max 10 bar                        |
| Sound level                          | Below 70 dB(A)                                  | Below 70 dB(A)                    |
| Electrical cable length              | 4m (157,48in)                                   | 4m (157,48in)                     |
| Hydraulic hose length                | 7m (275,5in)                                    | 7m (275,5in)                      |
| Cable to control box                 | 10m (393,7in)                                   | 10m (393,7in)                     |
| Power                                | Ph, 50 Hz, 200/230/400 V 1 Ph, 60 Hz, 110/220 V |                                   |

# 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 Middle East.

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

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