

# Section 9

## Body Shop, Collision & Refinishing Service Equipment

- Frame Collision Measuring Systems
- Collision Repair Equipment & Accessories
- Curtain Partitions
- Dust Extraction System & Accessories
- Paint Booths, Paint Mix Rooms
- Paint Can Crushers
- Paint Thickness Gauges
- Platforms, Parts Handlers & Paint Racks
- Vehicle Maneuvering System
- Welding Systems, Plasma Cutters & Accessories



**TOYOTA**

**APPROVED** DEALER  
EQUIPMENT

### Section 9:

*This section features a selection of Body Shop, Collision and Refinishing Service Equipment available through the Toyota Approved Dealer Equipment program. All product has been reviewed and approved by Toyota Motor Sales, USA.*

### Suppliers:

- Blackhawk
- Car-O-Liner Company
- Cebotech Inc.
- Chief Automotive Technologies
- Eurovac Inc.
- Goff's Enterprises Inc.
- Global Finishing Solutions
- Herkules Equipment
- Norco Industries, Inc.
- Nu\*Star Inc.
- P B E Specialties
- Pro Motorcar Products / Monroe PMP
- Pro Spot International, Inc.
- Snap-on Tools

*For additional product information or to contact a program representative*

**CALL: 1-800-368-6787**

**Snap-on**  
Equipment Solutions



## Collision Repair Equipment & Accessories

This is an introduction to Collision Repair Equipment. Within this section you will find Frame Collision Measuring Systems, Drive-on Repair Systems, Pulling Systems and Platforms. Some things to consider when shopping for this type of equipment would be:

- More and more insurance companies are requiring computerized measurements for before and after repair documentation.
- Today's electronic measuring systems are far more accurate and responsive than measuring systems of the past. Due to the advanced capabilities of these systems, get and keep the technicians trained on it so that repairs are done right the first time, customers are happy, and insurance companies get the results they need for prompt claim processing.
- A frame machine should fit your facility as well as have easy vehicle loading and unloading, multiple pulling capabilities with no limits on pulling locations, and variable working heights.
- Other frame machine considerations: quick set for anchoring with plenty of pulling power, and enough accessories for the repair job.

*When considering a purchase of any capitol equipment, please contact your Regional Manager at 1-800-368-6787 for assistance in configuring the proper set-up for your environment.*

### FRAME COLLISION MEASURING SYSTEM

SUPPLIED BY: BLACKHAWK

#### EECR617A - Shark Computerized Electronic Measuring System

Using ultrasound technology to acquire data, the Shark's emitter probes, attached to system-specified points on the vehicle, send signals that are received by high frequency microphones located in the lightweight aluminum beam placed under the vehicle for extremely accurate measurements. The system is capable of measuring 12 points simultaneously in an enhanced window program with digital photos, high visibility and zoom pull screens for maximum accuracy. It also offers customization of screens and reports.



### FRAME COLLISION MEASURING SYSTEM

SUPPLIED BY: CHIEF AUTOMOTIVE TECHNOLOGIES

#### CAS788720 - Velocity™ Computerized Measuring System

The Chief Velocity™ is a sophisticated, yet easy-to-use computerized measuring system. Fast and easy set-up with full-color, one-page reports on the exact condition of the vehicle's frame before, during and after repairs have been made for indisputable evidence of damage severity and quality of repairs. Laser technology for pinpoint accuracy every time. All targets and attachments included for fast, convenient set-up. Includes: Color printer, body scanner with tray, 42 narrow targets with beveled edges, protective end caps, full set of magnetic/threaded bolt attachments/metal clips, magnetic hole attachments. 80GB Hard drive.



#### CAS788178 - Vector™ Computerized Measuring System

As accurate as the Chief Velocity™ but without all the amenities. The Chief Vector™ provides fast set-up, fast operation and fast measuring. It provides three separate reports to show measurements before, during and after repairs, offering indisputable evidence that the repairs made were not only needed, but returned the vehicle frame to its pre-collision condition. Laser technology for pinpoint accuracy every time. Full-color inspection reports provides the repair documentation you need. All targets and attachments included for fast, convenient set-up. Includes: Color printer, body scanner with tray, 32 individual bar-coded reflective targets, full set of metal style attachments/clips, aluminum snap-in hole attachments/clips. 40GB Harddrive.



**FRAME COLLISION MEASURING SYSTEM**

SUPPLIED BY: CHIEF AUTOMOTIVE TECHNOLOGIES

**CAS788650 - Portal Vehicle Analysis Center**

Portal is the comprehensive and easy-to-use system that comes standard with all the tools and technology you need to quickly measure and document frames, body openings and upper body components. Autoscan frame inspection software quickly analyzes and inspects frames on a Pass/Fail basis. Includes: Color printer, body scanner with tray, 45 individual bar-coded reflective targets, protective end caps, full set of magnetic/threaded bolt attachments/metal clips, magnetic hole attachments, aluminum snap-in attachments.



**FRAME COLLISION MEASURING SYSTEM**

SUPPLIED BY: CHIEF AUTOMOTIVE TECHNOLOGIES

**Intelli-Tape Measuring System**

Measure lengths up to 80-inches and document display in inches or millimeters. Then wirelessly transmit this data to your Chief measuring system, instantly populating the correct fields in your system's software. Imagine the time and effort this easy-to-use and low-cost tool will save. No collision tech today can afford to be without one.

**Features**

- Record and transmit any point-to-point engine compartment, window, hatch, or underbody measurement needed.
- Telescoping Lock-Knob holds the Intelli-tram at exactly the length your measurement requires.
- Intelli-Tram comes complete with three stand-off points to ensure accurate and reliable measurements every time.

**Models**

- CAS787074 - Intelli-Tape. Includes: Intelli-Tape unit, saddle-mount holder, 2 Meter USB cable, transceiver.
- CAS787071 - Intelli-Tape with Tram. Includes: Intelli-Tape Unit, Intelli-Tram, 2 Meter USB cable, tram holder tray, transceiver.
- CAS787070 - Intelli-Tram



**CAS787071**

**COLLISION REPAIR EQUIPMENT & ACCESSORIES**

SUPPLIED BY: CAR-O-LINER COMPANY

**Mark 6™ Series Bench Systems**

Car-O-Liner's Mark 6™ is a mobile bench system with the added convenience of drive-on mounting. It's 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, Mark 6 means flexibility in getting the combination of equipment best suited to your business. You can even build a system of your own using a combination of benches and accessories (all accessories are interchangeable). You can also update your Mark 6 system as your needs grow.

**Features**

- Inground installation leaves the frame level with floor allowing for easy drive-over and clean shop appearance.
- Longer bench arms allow maximum work space between bench and underside of vehicle.
- Powerful 10 ton Draw-Aligners pull from almost any angle 360° around the vehicle.
- Approach ramps can easily be converted into wheel stands, providing excellent working conditions.

**Models**

- CRMARK61 - Mark 6 Series Bench System. Base frame on wheels without measuring.
- CRMARK63 - Mark 6 Series Bench System. Mounted onto a scissors lift with Car-O-Tronic electronic measuring system.



**Mark 6 Series Bench Systems**

## COLLISION REPAIR EQUIPMENT & ACCESSORIES

SUPPLIED BY: CAR-O-LINER COMPANY

### BenchRack™ Series

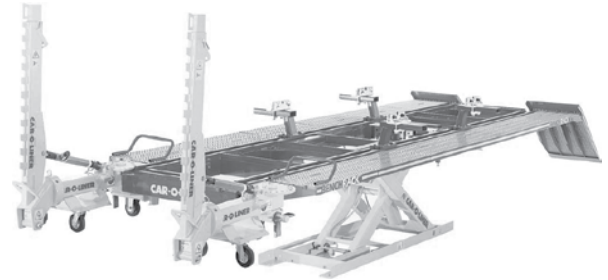
Whatever your current level of productivity, Car-O-Liner's BenchRack™ Series can help you surpass it. BenchRack is a marvel of function and design with innovative features that allow you to complete each phase of the collision repair process more quickly, more easily and more profitably.

#### Features

- Revolutionary tilt-feature scissors lift.
- Lightweight drive-on ramps can be easily removed to provide optional access to the vehicle and damage.
- Variable height up to 47-1/4" with 9,200 lb. weight capacity.
- Fast-anchoring pillar jacks allow vehicle to be clamped into place quickly and easily.

#### Models

- CRBR42001 - 4m frame with tilt lift.
- CRBR42003 - 4m frame with tilt lift and Car-O-Tronic Computerized Electronic Measuring System with 4m bridge.
- CRBR50001 - 5m frame with tilt lift.
- CRBR50003 - 5m frame with tilt lift and Car-O-Tronic Computerized Electronic Measuring System with 5m bridge.
- CRBR55001 - 5.5m frame with tilt lift.
- CRBR55003 - 5.5m frame with tilt lift and Car-O-Tronic Computerized Electronic Measuring System with 5.5m bridge.
- CRBR63001 - 6.3m frame with tilt lift.
- CRBR63003 - 6.3m frame with tilt lift and Car-O-Tronic Computerized Electronic Measuring System with 6.3m bridge.



CRBR55001

## COLLISION REPAIR EQUIPMENT & ACCESSORIES

SUPPLIED BY: CHIEF AUTOMOTIVE TECHNOLOGIES

### Kahuna™ Drive-On Repair System

Kahuna is the rugged, versatile and affordable drive-over lift that doubles as a compact pulling station for vehicles with light to medium collision damage. Kahuna can handle the majority of repairs on the majority of vehicles you work on, freeing up your frame machines for heavier structural repairs.

#### Features

- Fast and easy setup.
- Low clearance makes it the ideal drive-over lift.
- 5,500 lb. lift capacity and 8 ergonomic working heights from 4-3/8" to 63-5/8".
- A powerful pulling arm and rugged 10 ton ram deliver maximum power directly to the hook, while the innovative channel design and proprietary pulling arm Pivot Knuckle offer total 360° pulling capabilities.

#### Models

- CAS555000 - Kahuna Basic. Includes: Lift with lift arms.
- CAS555002 - Kahuna Repair System. Includes: Lift, lift arms, pulling arm and anchor stands.



CAS555002

### Goliath Pulling System

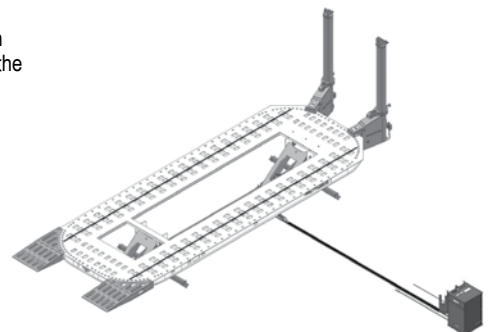
Never turn away business because of an undersized rack again. At 22-feet-long and 92" wide, Goliath can easily handle the biggest and baddest pick-ups, extended cab dualies and SUV's around, and is the longest and strongest passenger car and truck pulling system Chief has ever produced.

#### Features

- Effortlessly lift 12,000 lbs., and offers six working height options from 19" to 40".
- Individual pressure gauges keep clutter to a minimum, and all Goliath hydraulic hoses have a 20,000 lb. burst point and a 4-to-1 safety rack, which is twice the industry standard.
- Offers 360° pulling; ganging of towers around the deck and simultaneous multiple pull capability.
- Towers offer 10 tons of power at the hook and 1/2" chains proof-tested to 14 tons at the hook.

#### Models

- CAS451000 - 20 Series. Two towers.
- CAS451001 - 30 Series. Three towers.
- CAS451002 - 40 Series. Four towers.



CAS451000

**COLLISION REPAIR EQUIPMENT & ACCESSORIES**

SUPPLIED BY: CHIEF AUTOMOTIVE TECHNOLOGIES

**Impulse Pulling Systems**

Impulse is engineered and built with maximum performance and quality in mind. With a deck measuring either 18- or 20-feet-long and widths of either 80" or 88", Impulse is small enough to fit in most shop bays and tough enough to handle most vehicles, including today's extended cab trucks and full size SUVs.

**Features**

- Patent-pending "Sure-Lock" mechanism clamps the tower to the deck like a giant pair of locking pliers for unbelievable stability and control.
- Innovative deck design provides true 360° pulling capabilities.

**Models**

- CAS450000 - 18' Series 20. Two towers.
- CAS450015 - 18' Series 30. Three towers.
- CAS450016 - 18' Series 40. Four towers.
- CAS450035 - 20' Wide track, Series 20. Two towers.
- CAS450036 - 20' Wide track, Series 30. Three towers.
- CAS450037 - 20' Wide track, Series 40. Four towers.
- CAS450436 - EVHT 18', 20 Series. Two towers. Variable working heights 19" - 40".
- CAS450437 - EVHT 18', 30 Series. Three towers. Variable working heights 19" - 40".
- CAS450438 - EVHT 18', 40 Series. Four towers. Variable working heights 19" - 40".
- CAS450430 - EVHT 20' Wide track, 20 Series. Two towers. Variable working heights 19" - 40".
- CAS450431 - EVHT 20' Wide track, 30 Series. Three towers. Variable working heights 19" - 40".
- CAS450432 - EVHT 20' Wide track, 40 Series. Four towers. Variable working heights 19" - 40".



**CAS450035**

**Titan - 360 Pulling Systems**

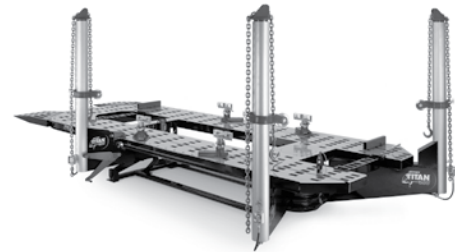
From its brawny 10 ton towers to its impressive 12,000 pound lift capacity, the Titan-360 combines all the raw power you need with the innovative and easy-to-use features Chief is famous for to enable you to get the job done quickly, correctly and profitability.

**Features**

- Chief towers with 10 tons of pulling power at the hook.
- Patented Sure-Lock rear tower clamping design for increased stability.
- Central hydraulics allow all pushes/pulls to be controlled individually or simultaneously.
- Chief deck design with 218 tie-down opening for unlimited holding and positioning possibilities.
- 20-foot length and 88" wide deck is big enough to handle even the largest pick-ups and SUV's.

**Models**

- CAS687000 - Series 21 Basic. Two front and one rear towers.
- CAS687001 - Series 22 Basic. Two front and two rear towers.
- CAS687002 - Series 31 Basic. Three front and one rear towers.
- CAS687003 - Series 32 Basic. Three front and two rear towers.



**CAS687000**

**S21M Series Pulling Systems**

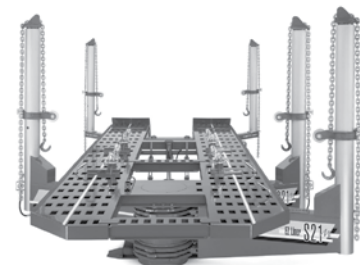
Chief's S21M is the frame machine techs love and shop managers demand because it's the total package. Equipped with an extra wide 88" deck and 10 ton towers, S21M can repair anything that rolls through your shop from small unitized body vehicles to full-frame vehicles like trucks, vans and the biggest SUVs.

**Features**

- 250 steel reinforced tie-down openings for unlimited holding options.
- Unique design allows tech to gang up to three towers together for maximum pulling power and efficiency.
- Dual-acting hydraulics for more push/pull precision.
- Perfect 31" working height.
- Hand-held pendant lets you control all functions with the push of a button.
- Optional rear towers give added power and versatility.

**Models**

- CAS600703 - Series 20 Basic. Two front towers.
- CAS600746 - Series 21 Basic. Two front and one rear tower.
- CAS600754 - Series 22 Basic. Two front and two rear towers.
- CAS600702 - Series 30 Basic. Three front towers.
- CAS600745 - Series 31 Basic. Three front and one rear tower.
- CAS600753 - Series 32 Basic. Three front and two rear towers.



**CAS600753**



## COLLISION REPAIR EQUIPMENT & ACCESSORIES

SUPPLIED BY: CHIEF AUTOMOTIVE TECHNOLOGIES

### F.A.S.T. Anchoring System

FAST isolates the vehicle frame from its suspension, making repair diagnosis simple. Helps on the big jobs like trucks, SUV's and full-frame cars, and is fast and easy to use. Mounts to Chief's patented Universal Anchoring Stands or to Universal Measuring System Pinch Weld Stands.

#### Models

- CAS200033 - F.A.S.T. Anchoring System.
- CAS200043 - F.A.S.T. Anchoring System without adapters.
- CAS200030 - F.A.S.T. Upgrade Kit - Enhances existing F.A.S.T. Anchoring Systems for increased shop productivity.



### Econo-F.A.S.T.

Designed for the cost-conscious buyer who needs the ability to securely anchor full-frame vehicles. Utilizes two long bars to provide vehicle support. Spring Shackle Clamps and Standard Rail Vises hold many common type frames. Can be upgraded to a full F.A.S.T. Anchoring System.

#### Models

- CAS200050 - Econo-F.A.S.T.
- CAS200052 - Econo-F.A.S.T. without clamps.
- CAS200030 - Econo-F.A.S.T. Upgrade - Upgrades your existing Econo-F.A.S.T. into the F.A.S.T. Anchoring System (CASS200033).



### CAS619182 - Chaining Accessory Package

A package of specific chains needed for any type of collision repair job. Includes: Slotted anchor chain, 3/8" x 4' tie-down chain, 3/8" x 8' tie-down chain, accessory board with attachments.



### Clamping Accessory Packages

Includes specific clamps needed for any type of collision repair job.

#### Models

- CAS619183 - Includes: Down pull attachments, mini bite-tite clamp, 1-1/2" self tightening clamp, regular deep hook set, accessory board with attachments, angle bite-tite clamp, bite-tite C clamp, 2" self-tightening clamp, all angle clamp.
- CAS619184 - Includes: Angle bite-tite clamp, mini spring clamp, W clamp, all angle clamp, accessory board with attachments, mini bite-tite clamp, C clamp, boltless strut tower puller, door post puller/twister.
- CAS619185 - Includes: Mini bite-tite clamp, nylon fender strap, door post puller/twister, swivel clamp, accessory board with attachments, 4' cable sling, C clamp, twin claw, G clamp.



CAS619183

### Pulling Accessory Packages

Includes specific pulling tools needed for any type of collision repair job.

#### Models

- CAS619180 - Includes: 15" round sheet metal hook, 11" round metal hook, nylon fender strap, unitized body clamp, 15" flat sheet metal hook, 11" flat sheet metal hook, 3/8" x 4' cable sling accessory board with attachments.
- CAS619188 - Includes: Down pull attachment, slotted L hook, 3/8" x 4' nylon cable sling, unitized body clamp, 15" flat sheet metal hook, slotted chain anchor, all angle clamp, nylon fender strap, slotted chain hook, chain connector, 11" flat sheet metal hook, accessory board with attachments.
- CAS619186 - Includes: Mini bite-tite clamp, bite-tite C clamp, T hook with 18" chain, R hook with 18" chain, 3/8" x 4' tie-down chain with hook, 3/8" x 8' tie-down chain with hook, 3/8" x 4' cable sling, slotted chain anchor, offset baby box clamp, snugger clamp, turnbuckle assist, accessory board with attachments.



CAS619180

**COLLISION REPAIR EQUIPMENT & ACCESSORIES**

SUPPLIED BY: NORCO INDUSTRIES, INC.

**Collision/Maintenance Repair Kits**

For collision repair, industrial and construction applications where convenience of hydraulic power can be utilized for spreading, clamping, pushing and lifting operations.

**Features**

- “Quick-Lock” design for fast and easy assembly and disassembly.
- Long handle provides ease of pumping.
- Thick walled extension tubes for added strength and longer life.
- Roto-molded plastic case for organized component storage and ease of carrying.
- Flexible hydraulic hose with spring guards at both ends.
- Forged steel adapters for added strength and durability.

**Models**

- NRI904004B - 4 ton capacity collision/maintenance repair kit.
- NRI910005B - 10 ton capacity collision/maintenance repair kit.



**NRI904004B**

**CURTAIN PARTITIONS**

SUPPLIED BY: GOFF'S ENTERPRISES INC.

**Rolling Bay Curtain Partitions**

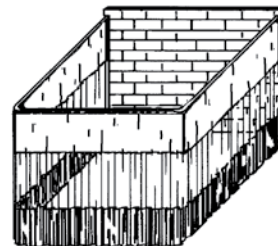
The Goff Curtain Wall system creates a retractable barrier that can be drawn into use in just seconds. The curtains glide on a simple to install track and roller hook system that will give you a lifetime of trouble free use. Curtain Wall systems are shipped ready to install, complete with instructions. Ideal for prep stations, separating body and paint shops, parts edging areas, welding, wash bays, grinding or buffing, estimating areas, metal containment and much more. Contain airborne contaminants and separate clean areas from dirty areas.

**Features**

- Eliminates costly brick and mortar permanent type walls.
- Separates conflicting tasks within work environments.
- Easily slides out of the way when not needed.
- Helps to control contaminants, temperature, sound and light.
- Custom & in stock heights, widths, length and shapes.
- Easy to install, clean and replace.

**Models**

- GOFGP106 - 6'W x 8'H Curtain with hardware.
- GOFGP206 - 6'W x 9'H Curtain with hardware.
- GOFGP306 - 6'W x 10'H Curtain with hardware.
- GOFGP506 - 6'W x 12'H Curtain with hardware.
- GOFGP112 - 12'W x 8'H Curtain with hardware.
- GOFGP212 - 12'W x 9'H Curtain with hardware.
- GOFGP312 - 12'W x 10'H Curtain with hardware.
- GOFGP512 - 12'W x 12'H Curtain with hardware.
- GOFGP124 - 24'W x 8'H Curtain with hardware.
- GOFGP224 - 24'W x 9'H Curtain with hardware.
- GOFGP324 - 24'W x 10'H Curtain with hardware.
- GOFGP524 - 24'W x 12'H Curtain with hardware.
- GOFPKG - Curtain package custom quote.





## DUST EXTRACTION SYSTEM & ACCESSORIES

SUPPLIED BY: EUROVAC INC

### Dust Extraction Systems

Eurovac has a full range of dust extraction systems for every need and budget, from two-man systems to very large systems for mega production shops.

#### Features

- Induction motors designed to run all day, every day with little maintenance.
- Built in cyclonic pre-separator that removes 85% of the dust before reaching polyester cartridge filter.
- Save on cleanup and sandpaper costs.
- Improve your shop's image with a clean shop.
- Durable galvanized metal tubing and long radius bends are specifically designed for vacuum systems.

#### Models

- EURSMPKG - Designed for shops with 4-6 technicians sanding at the same time. 7 and 10 hp pump, separator and control panel.
- EURMEDPKG - Designed for shops with 2 technicians sanding at the same time. 2.5 hp portable and separator.
- EURLRGPKG - Designed for shops with 8 or more technicians sanding at the same time. 5-75 hp pump, separator and control panel.



EURSMPKG



EURMEDPKG



EURLRGPKG

### Vacuum Cleaning Kits

Use these vacuum cleaning kits to vacuum cars and your shop – and also to keep your office areas clean.

#### Models

- EUR50-500 - Shop cleaning package. Includes: 1/2" x 30' Utility Hose, 54" 2 Piece Aluminum Wand, 14" Floor Tool, 11" Crevice Tool.
- EUR50-520 - Vehicle cleaning package. Includes: 1/2" x 30' Utility Hose, 4-1/2" Claw Tool, 11" Crevice Tool, 5" Upholstery Tool, 3" Dust Brush.
- EUR50-530 - Office cleaning package. Includes: 1/2" x 30' Utility Hose, 54" 2 Piece Aluminum Wand, 11" Rug Tool, 11" Crevice Tool, 5" Dust Brush.

## PAINT CAN CRUSHERS

SUPPLIED BY: HERKULES EQUIPMENT

### Paint Can Crushers

Herkules solves your environmental disposal issues with a diverse line of can crushers sized to exactly fit your needs. Reducing waste and disposal costs by 90%, Herkules Can Crushers will crush paint and other types of cans in seconds.

#### Features

- 100% air operated.
- Comes with filter/regulator with air gauge.
- Air cylinder crushing mechanism.
- Greatly reduces disposal costs.
- Saves space in the shop.

#### Models

- HKEHCR-1 - Can crusher with auto ejector. Crushing strength: 3.75 tons, Cycle time: 20 seconds, Capacity: (4) 1 gallon cans.
- HKEHCR-2 - Bench can crusher. Crushing strength: 3.75 tons, Cycle time: 20 seconds, Capacity: (4) 1 gallon cans.
- HKEHCR-3 - Compact bench can crusher. Crushing strength: 2.1 tons, Cycle time: 20 seconds, Capacity: (1) 1 gallon can.



HKEHCR-1

## PAINT THICKNESS GAUGES

SUPPLIED BY: PRO MOTORCAR PRODUCTS / MONROE PMP

### Electronic Paint Thickness Gauges

Designed for body shops and dealerships.

#### Features

- Accuracy  $\pm$  1%.
- Does not need constant recalibration.
- Precision calibration foils.
- Calibration plates.
- Improve refinish consistency and quality.
- Full range accuracy, stable and repeatable.

#### Models

- PRC5437 - ETG standard model.
- PRC5437-P - ETG-P standard model with print option.
- PRC5437-2 - ETG/2 combination steel and aluminum gauge.
- PRC5437MINI - Integrated probe model for used cars sales/wholesalers.
- PRC5437-N - ETG Non Ferrous standard model.
- PRC5437-NP - ETG Non Ferrous standard model with print option.



PRC5437-2

### PRC2438 - ProGauge II

A magnetic coating thickness gauge that measures the thickness of nonferrous coatings (paint, platings, plastics, etc.) on steel. Range of 1-15 mils.



## PLATFORMS, PARTS HANDLERS & PAINT RACKS

SUPPLIED BY: P B E SPECIALTIES

### Platforms

The safe, reliable and easy way to reach the hoods and tops of minivans, SUVs and all full-size vehicles.

#### Models

- PBEQS500 - "Quick Step" 5'L x 14"W with leg base of 24". Adjustable legs expand and retract to three heights: 24", 32" and 36".
- PBEPH700 - "Porta Step" 7'L x 14"W and includes a center foot support. Standard 24" legs.



PBEPH700

### Parts Handlers

Provides organized storage wherever you have open space. Easily rolls to the job site where parts are needed.

#### Features

- Swivel casters.
- Constructed of 16 gauge square steel.
- Adjustable shelves.
- Parts hooks.
- Adjustable outrigger extension.

#### Models

- PBEPH250 - Parts Handler Jr. 5'6"H x 20"W x 48"L.
- PBEPH500 - "Big Daddy" Parts Handler. 5'9"H x 21"W x 60"L.



PBEPH250

## PLATFORMS, PARTS HANDLERS & PAINT RACKS

SUPPLIED BY: P B E SPECIALTIES

### PBEDH001 - Door Handler

The best door and bumper handler in the USA! Completely self contained, no air or hydraulic connection needed. Lifts from 9" to 29" high with hand crank.



### PBEBB250 - Bumper Buddy

The Bumper Buddy will handle virtually any bumper cover in the automotive industry. Handling the flimsy bumper covers used to be a major problem. Now the Bumper Buddy secures it in place with adjustable, sliding operator arms and chains to firm-up and strap down while making the necessary repairs, such as sanding, priming and painting.



### PBES007 - The Bumper Station

Makes handling several (up to seven) flimsy bumper covers easy! Features 18" and 30" adjustable, removable braces. Four wheels for easy transport around shop.



### PBETBH50 - Truck Bed Handler

Makes removing a truck bed a one man job! Expandable and adjustable to accommodate almost any truck bed 39" - 66" in length 47" - 70" in width.



### PBERR500 - Truck Bed Roller

Store or transport any truck bed on this mobile frame. Rolls on 5" caster wheels, supports up to 1000 lbs. Folds for easy storage.



### PBERM360 - RotoMaxx 360° Rotating Paint Rack

Roto Maxx 360° makes hoods, fenders and doors simple to hang, adjust and move. Completely universal. Adapts to any size panel with ease.



## VEHICLE MANEUVERING SYSTEM

SUPPLIED BY: NU\*STAR INC.

### NUSNSP185 - Extra-Duty Power Pusher®

The NuStar Power Pusher® accomplishes the task with only two people, not the five or six that are normally required to move inoperable vehicles. The Power Pusher® increases productivity and reduces direct labor cost on non-profitable activities. It gets the job done in less time with less people. The built-in battery charger keeps the Power Pusher® ready at all times, simply plug into a 110V outlet when the unit is not in use.



## Welders/Welding Systems & Metalworking Equipment:

This is an introduction to Welders/Welding Systems & Metalworking Equipment. Within this section you will find Inverter Welders, Spot Welders, MIG Welders, Welding Systems and other Metalworking Equipment. Some things to consider when shopping for this type of equipment would be:

- New cars today use boron, HSLA, and other high-strength steels. If you don't have an inverter welder yet, there are several high quality inverter welders in the program. Get one with at least 10,000 amps welding current.
- Weak electrical power sources are common in the U.S., which creates big problems when using 3 phase non-inverter spot welders. Inverter welder technology's small demand on the incoming power is a huge advantage.
- Mig Welders – Many today use advanced computerized technology to constantly synchronize the wire speed with current and voltage to achieve the best results from most every weld operation. A handy option is to select continuous, spot or stitch/intermittent mode. Each mode should offer completely adjustable settings for the technician's preference, the thickness of the metal, and the welding job itself.

*When considering a purchase of any capitol equipment, please contact your Regional Manager at 1-800-368-6787 for assistance in configuring the proper set-up for your environment.*

### WELDERS/WELDING SYSTEMS

SUPPLIED BY: BLACKHAWK

#### High Frequency Inverter Welders

Blackhawk welding machines are capable of producing unequalled performance.

##### Features

- The loss of power produced by the electrical components in the welder is reduced to its minimum in order to minimize current need.
- Generates electrical impulses with controlled power curve slopes.
- The desired welding current (amps) can be selected via the control panel.
- An integrated line drop detection circuit verifies the input voltage levels in order to guarantee the adequate operation of the welding machine.
- Before welding, the open circuit protection detects all bad contacts between the electrodes which can cause undesired electrical arcing.

##### Models

- BHW28CPS713 - CompuSpot 700 Inverter Welder. Maximum welding current: 10,000 amps, Inverter power supply: 203-230V 3 phase, Main frequency: 50/60 Hz.
- BHW28CPS823 - CompuSpot 800 Water-Cooled Hi-Frequency Inverter Welder. Maximum welding current: 14,000 amps, Inverter power supply: 208-230V 3 phase, Main frequency: 2000 Hz.



**BHW28CPS713**

## WELDERS/WELDING SYSTEMS

SUPPLIED BY: CAR-O-LINER COMPANY

### CR500DA - Double Action C-Tong Inverter Spot Welder

The CR500 DA Inverter Spot Welder with double action function on the C-tong is designed to provide quality spot welds with all new high-strength steels and welding processes. Features a versatile multi-function gun and smart control panel. Preprogrammed for the best performance. Maximum welding current: 12,000 amps, Inverter power supply: 3 phase, Main frequency: 2000 Hz.



### CR510WHP - High Pressure/Water Cooled Inverter Spot Welder

The CR510 W/HP Inverter Spot Welder is designed to provide quality spot welds with all new high-strength steels and welding processes. Features a versatile multi-function gun, water cooling on both electrodes, high pressure C-tong and smart control panel. Preprogrammed for the best performance. Maximum welding current: 12,000 amps, Inverter power supply: 3 phase, Main frequency: 2000 Hz.



## WELDERS/WELDING SYSTEMS

SUPPLIED BY: CEBOTECH INC

### CBI2153 - CEBORA Aluminum Power Spot/Inverter Welder

Welding on aluminum requires a power source capable of delivering a discharge of current that is very brief but very intense. The CEBORA Aluminum Power Spot Welder 5500 uses an extremely rapid discharge from a battery of capacitors to make this possible.



### TECNA Resistance Spot Welders

Designed to increase productivity while at the same time improving finish quality. Has the necessary features to allow today's collision technician the capability to restore a damaged car back to its original condition.

#### Features

- Water-cooled arms & electrodes to maximize performance.
- Cable & gun weight is supported by suspension arm & balancer to reduce user fatigue.
- Comes standard with a variety of arms.
- Cuts repair time compared to other methods of welding.
- Dent pull in 5 seconds.
- Weld in confined areas such as inside trunks with single sided gun.
- Stop wasting time looking for accessories. Handy cart keeps arms, electrodes all in one place.

#### Models

- CBI3450 - TECNA Multi-Function Resistance Spot Welder, 1 phase.
- CBI3650 - TECNA Inverter Resistance Spot Welder, 3 phase.



CBI3650



## WELDERS/WELDING SYSTEMS

SUPPLIED BY: CEBOTECH INC

### CEBORA MIG Welders

Designed and developed to meet the critical welding requirements of today's high-tech collision shops. Pre-programmed for welding aluminum, high strength steels and MIG brazing of galvanized steel.

#### Features

- MIG brazing of galvanized metals.
- Aluminum welding.
- Safe to use near computers.
- Pre-programmed settings for fast & easy set up.
- Push-Pull Gun capable for trouble free aluminum wire feed.
- Download updates to keep you current to the newest welding programs.

#### Models

- CBI285 - CEBORA Pulse MIG / Inverter welder.
- CBI572 - CEBORA Synergic MIG welder.



**CBI572**

## WELDERS/WELDING SYSTEMS

SUPPLIED BY: CHIEF AUTOMOTIVE TECHNOLOGIES

### CASCH266 - Weld-CAT Multi-Purpose Welder

This resistance type welder performs a variety of functions. It was designed for the body shop industry to enhance performance, speed and flexibility for light welding and dent pulling applications. This welder performs shrinking, single sided spot welding, attachment of threaded studs and nuts, attachment of moulding clip rivets for windshields, and welding for patch work. The biggest advantage is very little heat is used compared to other welding methods. It is also clean and easy to use.



### CASCH2000 - Stingray Inverter Spotweld System

Stingray's innovative two-sided weld program allows you to select the specific welding application recommended by OEMs to repair high-strength materials. Stingray delivers an impressive 2000 Hz high-frequency DC weld current for more powerful welds and shorter weld time is especially effective on galvanized and coated metals found in new vehicles, as well as minimizing the value degradation of high-strength steels.



## WELDERS/WELDING SYSTEMS

SUPPLIED BY: PRO SPOT INTERNATIONAL, INC.

### Inverter Spot Welding Systems

Inverter resistance spot welding system is a powerful 3 or 1 phase spot welder that performs such operations as 2 and 1 sided welding, spot hammer dent pulling, nut and bolt welding, heat shrinking and contact shrinking.

#### Features

- Inverter technology, 2000Hz.
- Pre-Programmed HSS/Galvanized Steel Welding Modes.
- Pre-Programmed Weld Bonding Mode.
- Create and save your own custom weld programs.
- Designed for new advanced steels: AHSS, HSS, T.R.I.P, BORON.

#### Models

- PROPR2000 - 3 Phase Inverter Spot Welder.
- PROPR2000COM - 3 Phase Inverter Spot Welder with MIG.
- PROi4 - i4 Inverter Spot Welding System. Features the latest current monitoring technology.
- PROi4COMBO - i4 Inverter Spot Welding System. Features the latest current monitoring technology with MIG.



**PROPR2000COM**

## WELDERS/WELDING SYSTEMS

SUPPLIED BY: PRO SPOT INTERNATIONAL, INC.

### PR-2 Multi Task Welding Systems

Imagine the convenience of having multiple welders in the same unit. Now, in one plug-in, you can do stitch weld, weld on nuts and bolt, stretch and shrink metal, washer welding and moulding clip rivets.

#### Features

- Single sided spot welding for nonstructural use.
- 220 volt, 1 phase shop voltage.

#### Models

- PROPR2 - Multi-Task Welding System.
- PROPR2COMP - Multi-Task Welding System with MIG.



PROPR2

### PR-10 Spot Welding Systems

The PR-10 is designed to make structural strength 6 mm weld nuggets. It can produce higher quality welds than any other welder in its class. Thanks to the trans-gun design with liquid cooling, the PR-10 produces over 10,000 Amps of weld power at the welding tips.

#### Features

- Patented extension arms allow access to hard to reach areas.
- Built in balancing system moves the welding head vertically from rocker panel to roof panel heights with ease.
- Liquid cooled: 50% duty cycle.
- No after weld grinding.

#### Models

- PROPR-10 - PR-10 Resistance Spot Welding System - Portable.
- PROPR10DUO - PR-10 Duo Resistance Spot Welder. MIG and Spot-in-one.
- PROPR10OHC23 - PR-10 Resistance Ceiling Mounted Spot Welder.
- PROWS-OH - PR-10 Resistance Ceiling Mounting Spot Welder with MIG.



PROPR10DUO

### MIG Welders

Ideal for collision repair welding.

#### Features

- Professional wire drive system.
- Binzel connector: quick-connect all-in-one adapter.
- Convenient cart for easy mobility.
- Will handle any job in any shop.

#### Models

- PROPR155 - MIG Welder, 1 phase.
- PROPR190 - MIG Welder, 3 phase.



PROPR155

## DENT REMOVAL SYSTEM

SUPPLIED BY: PRO SPOT INTERNATIONAL, INC.

### PROPRO66 - Pro Pull Dent Removal System

Pro Pull is the latest in dent pulling technology for the collision industry. This tool turns dent pulling into art! It's designed to be extremely flexible. Thanks to the replaceable blocking plates and the adjustable weld shaft, the operator has a lot of options available in how to maximize the pulling technique used when straightening the dent.

The Pro Pull can be hooked up to most resistance spot welders or dent pullers and doesn't require a weld cable; it hooks up to the welding units directly through a current carrying weld shaft. The weld shaft is adjustable by means of a knob located on top of the unit. With the adjustable weld shaft the operator can be more precise ensuring a more accurate repair.



## PLASMA CUTTERS

SUPPLIED BY: CEBOTECH INC

### CBI296 - CEBORA Inverter Power Plasma Cutter

This INVERTER plasma cutter is capable of cutting any metal using clean dry shop air or nitrogen for high quality cuts. The Power Plasma 296 plasma cutter is particularly suited for cutting Boron steel. The Power Plasma will cut carbon steel up to 3/8" and sever up to 1/2". Operating range is 5 - 25 amps allowing the cutting of overlapping panels without damaging the bottom panel. Includes CP 40 Torch & built-in air regulator, ground cable and power cord.



## TORCHLESS INDUCTION HEATING SYSTEM

SUPPLIED BY: PRO SPOT INTERNATIONAL, INC.

### PROCH33 - Induction Heating System

Your torch-less heating solution! The advantage of the induction technology is that, unlike torch and flame, it cannot overheat the metal or nearby parts. As the metal reaches 380° - 425°C (720 - 800°F) metal becomes less resistant and magnetic, which slows down the heating process and maintains that temperature without destroying properties in the metal.



## WELDING HELMET/GOGGLES

SUPPLIED BY: SNAP-ON TOOLS

### YA590 - Auto Darkening Welding Helmet

Features Electronic IRUV Fixed Shade with Auto-Darkening Filter (ADF) with viewing area of 4 square inches. CLEAR VUE™ feature for optimum hood down viewing in clear state. Auto-Off Feature turns ADF unit off after 15-20 minutes of welding inactivity. Tough thermoplastic resin material withstands up to 350°F ambient temperature. Simply turn headband adjustment knob to adjust to virtually any head size. Meets or exceeds ANSI, CSA, DIN and CE standards. Includes factory installed ADF Fixed Shade cartridge, two AAA batteries, cover lens and safety lens.



### GAE56C - Welding Goggles

For oxyacetylene welding only. Features IRUV Filter Lens with 2" x 4-1/2" viewing area. Soft vinyl flex-frame Lift Front Visor that opens and closes at the touch of a finger. Flips from welding or burning position to grinding, chipping or inspection position. Fits over prescription glasses. Meets ANSI Z87.1-1989 standards.



## Paint Booths & Paint Mix Rooms:

This is an introduction to Paint Booths and Paint Mix Rooms. Within this section you will find Paint Booths, Accelerated Airflow System for Paint Booths and Paint Mix Rooms.

*When considering a purchase of any capitol equipment, please contact your Regional Manager at 1-800-368-6787 for assistance in configuring the proper set-up for your environment.*

### PAINT BOOTHS/PAINT MIX ROOMS

SUPPLIED BY: GLOBAL FINISHING SOLUTIONS

#### AdvanceCure™ Accelerated Airflow System

Global Finishing AdvanceCure™ Accelerated Airflow System - The solution for faster curing and drying of both waterborne and solvent-based coatings.

##### Features

- Contaminant-free airflow - simplifies the air supply process and ensures that the air is the proper temperature with the need for additional heating. Integrated intake filters provide extra protection against any random contaminants.
- Optional lighting - Integrated 3-tube high-efficiency light fixture helps illuminate the ends of the vehicle and helps eliminate shadows.
- Multiple independently adjustable nozzles - simply direct the nozzles at the problem areas, or at regular intervals around the booth. Nozzles are made from a durable aluminum allowing for easy cleaning. Optional laser aiming device makes pinpointing specific areas of the painted surface a cinch.
- Unique control system - Gives complete control over each individual tower, making it just as effective for spot-painting.
- Optional internal activation switch - easily activates your system without ever opening the cabin doors!
- Multiple designs and configurations - options allow for ultimate compatibility in any shop.

##### Benefits

- Ultimate compatibility.
- Increased productivity.
- Reduced energy usage.
- Improved finish quality.
- Maximized profitability.

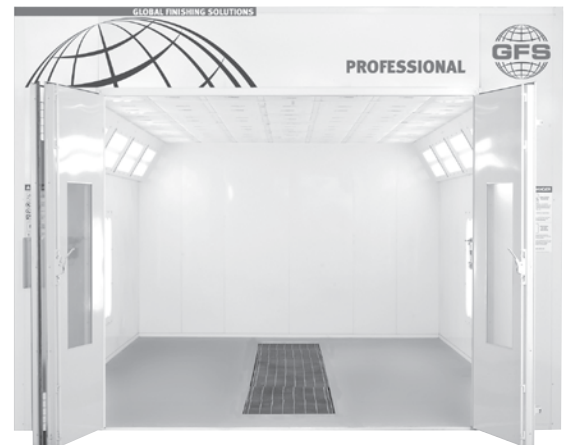


#### Closed Top Open Front Spray Booths

Engineered for maximum energy savings and increased productivity! The program offers a full range of spray booths available for body shops of all sizes.

##### Features

- Full downdraft airflow during prep, spray and curing cycle. Designed for quick prep and spot painting of cars and parts.
- Single or dual configurations available. Drive thru is optional. Drive-thru models are ideal for high production shops.
- Dual skin insulated panel construction. Smooth fit and finish gives impressive overall appearance and minimizes areas where overspray and dust can collect.
- Quiet operation.
- White pre-coated galvanized steel. The white coating diffuses light better than uncoated steel, reduces reflections and glare. Smooth consistent wall finish prevents overspray buildup. Weld-free construction prevents rusting and improves booth strength.
- Standard exhaust and recirculation systems.
- Optional curtain walls for optimal downdraft airflow.
- 4-tube light fixtures including energy efficient electronic lighting ballasts.
- ETL Listed.
- Designed to accept fire suppression system.



## PAINT BOOTHS/PAINT MIX ROOMS

SUPPLIED BY: GLOBAL FINISHING SOLUTIONS

### ECO Ultra Plus 1 Spray Booths

Engineered for maximum energy savings and increased productivity!  
Full range of spray booths available for body shops of all sizes.

#### Features

- Full downdraft spray booth airflow during spray and curing cycles through the patented Controlled Air Flow ceiling with angled light fixtures. Main flow concentrates airflow in a protective curtain around the car. Main flow zone effectively removes airspray. Side flow zones circulate air away from the walls and wall lights. Angled ceiling lights, wall lights and available corner lights eliminate shadows for a better overall illumination, especially during clear coat application.
- Dual skin insulated panel construction. Smooth fit and finish gives impressive overall appearance and minimize areas where overspray and dust could collect. Insulated design reduces noise inside the booth and in the surrounding shop area. Insulated design reduces ambient heat outside booth.
- White pre-coated galvanized steel. The white coating diffuses light better than uncoated steel, reduces reflections and glare. Smooth consistent wall finish prevents overspray buildup. Weld-free construction prevents rusting and improves booth strength.
- Single- or three-row pit exhaust system or optional raised platform. Pre-engineered pit design properly balances airflow. Air is drawn more evenly over the vehicle and pit.
- Wide 10' heavy-duty, 4-wing entrance door with observation windows. Large opening for easy entry, heavy-duty hinges, solid construction. Side access door with observation window can be moved to accommodate different booth layouts.
- Twelve 6-tube inside-accessible ETL listed angled light fixtures with energy efficient electronic ballasts.
- Booth is designed to accept fire suppression system.
- AdvanceCure Accelerated Airflow System for faster curing in hard-to-reach areas works with solvent-based and waterborne coatings.
- ULTRA Recirculating Heat System (ETL listed industrial air heater) - high efficiency direct-fired system with recirculating cure mode. Maintains consistent year-round temperatures. Increases productivity by using a 'cure' cycle to provide faster and better finishes than air drying. Pressurizes the booth to reduce dust entry from outside environment. Additional features include: direct-drive motors, monoblock exhaust and intake unit, fueled by natural gas or propane (oil fuel version is optional), multi-stage filtration system extends booth filter life, exhaust duct for 15' ceiling, key locked main control panel door to prevent non-authorized access, user-friendly, remote control panel with digital display, SmartCure™ accelerated drying system (available with direct-fired groups only), and variable frequency drives.
- Electronic light ballasts reduce energy consumption.
- Insulated walls reduce heat loss to outside environment.
- Variable frequency drives provide smooth motor start-up and significantly reduces power consumption.
- High efficiency turbofans provide more velocity with less effort.



9-16

### ULTRA Paint Mix Rooms

Engineered for maximum energy savings and increased productivity!  
Highest quality paint mixing environment.

#### Features

- Pressurized downdraft airflow for ideal ventilation. Pressurized design eliminates dust entry from outside sources.
- Dual skin insulated panel construction. Smooth pit and finish gives impressive overall appearance and minimizes areas where overspray and dust can collect.
- White pre-coated galvanized steel. White coating diffuses light better than uncoated steel, reduces reflections and glare. Smooth consistent wall finish prevents overspray buildup. Weld-free construction prevents rusting and improves booth strength.
- Multiple standard sizes.
- External height extensions included to match spray booth height of 11'.
- Pressurizing blower with efficient 1/2 hp motor and balanced intake and exhaust fans.
- 4-tube light fixture(s) with energy efficient electronic ballasts.
- (1) personnel access door with observation window.
- Built-in spill containment (no curb required).
- Mix room is designed to accept fire suppression system.
- (3) configurations: Freestanding designs for separate mix room; Attached designs and foyer designs integrate with dual-skin spray booths.

