



MOBILE SOLUTIONS

InstallBay

One Stop Source for Professional Installers

VEHICLE INSTALLATION HARDWARE + SPECIALTY TOOLS + ACCESSORIES

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ABOUT MOBILE SOLUTIONS:

MOBILE SOLUTIONS USA IS AN “INNOVATION-DRIVEN” COMPANY THAT CREATES CUSTOM FABRICATION TOOLING THAT ENABLES TECHNICIANS TO BUILD UNIQUE AUDIO SYSTEMS AND CUSTOM INTERIORS WITH A HIGH LEVEL OF PRECISION AND EFFICIENCY. WITH THE PATENTED SMART TEMPLATES™ BRAND OF DESIGN TOOLS AND MANY OTHER INNOVATIONS, MOBILE SOLUTIONS USA SERVES THE AFTERMARKET AUTOMOTIVE TECHNICIAN, AND RETAIL STORE COMMUNITY THROUGH METRA INSTALL BAY DISTRIBUTION.

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SMART TEMPLATES**TRUE ARC TEMPLATES**

NEW ST-ARC1 TRUE ARC TEMPLATE SET **EA**
Contains 8 pieces, Each piece 2" wide by 36" long, etched with precision alignment lines and number identification. Shatter resistant PVC.

**TRUE ARC TEMPLATES**

NEW ST-MINIARCS TRUE ARC TEMPLATE SET **EA**
Contains 7 pieces, 14" to 28" radius dimensions. Outside of one template nests into inside of the next. Etched with number identification. Shatter resistant PVC.

**CIRCLE TEMPLATES**

NEW ST-SMCIR SMALL CIRCLE TEMPLATE SET **EA**
Contains 6 pieces, 1-1/4", 3-1/4", 5-1/4", 7-1/4", 9-1/4", 11-1/4" OD circle. Etched with precision alignment lines and number identification. 3/16" gap between pieces for precise gap control. Shatter resistant PVC.

**CIRCLE TEMPLATES**

NEW ST-LGCIR SMALL CIRCLE TEMPLATE SET **EA**
Contains 5 pieces, 13-1/4", 15-1/4", 17-1/4", 19-1/4", 21-1/2" OD circle. Etched with precision alignment lines and number identification. 3/16" gap between pieces for precise gap control. Shatter resistant PVC.

**SMALL OVAL TEMPLATES**

NEW ST-SMOVAL SMALL OVAL TEMPLATE SET **EA**
Contains 5 pieces, 6", 9", 12", 15", 18" wide. Etched with precision alignment lines and number identification. 3/16" Gap between pieces for precise gap control. Shatter resistant PVC.

**MEDIUM OVAL TEMPLATES**

NEW ST-MDOVAL MEDIUM OVAL TEMPLATE SET **EA**
Contains 5 pieces, sized from 2" x 14" to 12" x 24". Etched with precision alignment lines and number identification. 3/16" gap between pieces for precise gap control. Shatter resistant PVC.

**LARGE OVAL TEMPLATES**

NEW ST-LGOVAL LARGE OVAL TEMPLATE SET **EA**
Contains 6 pieces, 6", 12", 18", 24", 30", 36" width. Etched with precision alignment lines and number identification. 3/16" gap between pieces for precise gap control. Shatter resistant PVC.

**QUICK RADIUS GAUGES**

NEW ST-QUICK-RAD RADIUS GAUGE TEMPLATE SET **EA**
Contains 6 pieces. Includes positioning pins for quick precise alignment. 1/4", 1/2", 3/4", 1", 2", 3". Shatter resistant PVC.

**SMART CIRCLE SYSTEM**

NEW ST-SCS SMART CIRCLE SYSTEM TEMPLATE SET **EA**
Contains 16 circles. Includes organizational tray. The Male sections of the template allow for custom templating and routing. All pieces marked with size and alignment lines. Shatter resistant PVC.

SMART TEMPLATES + SMART FRAME SYSTEM



CHALLENGER TEMPLATES

NEW ST-DS-CHAL CHALLENGER TEMPLATE SET EA
7 pieces etched with precision alignment lines and number identification. 3/16" gap between pieces for precise gap control. Shatter resistant PVC.



INDUSTRIAL TEMPLATES

NEW ST-DS-INDU INDUSTRIAL TEMPLATE SET EA
9 pieces etched with precision alignment lines and number identification. 3/16" gap between pieces for precise gap control. Shatter resistant PVC.



COVERT SMART TEMPLATES

NEW ST-COVERT COVERT SMART TEMPLATE SET EA
5 pieces etched with precision alignment lines and number identification. Designed for easy press grille production. 3/16" gap between pieces for precise gap control. Shatter resistant PVC. 16" by 36-1/2".



AVENGER TEMPLATES

NEW ST-AVENG AVENGER TEMPLATE SET EA
7 pieces etched with precision alignment lines and number identification. 3/16" gap between pieces for precise gap control. Shatter resistant PVC. 18" by 36-1/2".



PREDATOR TEMPLATES

NEW ST-PREDATOR PREDATOR TEMPLATE SET EA
9 pieces etched with precision alignment lines and number identification. Designed for easy press grille production. 3/16" gap between pieces for precise gap control. Shatter resistant PVC. 16" by 36".



FALCON TEMPLATES

NEW ST-FALCON FALCON TEMPLATE SET EA
9 pieces etched with precision alignment lines and number identification. Designed for easy press grille production. 3/16" gap between pieces for precise gap control. Shatter resistant PVC. 14-1/4" by 40".



AXIS SHAPE CREATOR

NEW ST-SFS-BASIC AXIS BASIC PACKAGE EA
Includes SFS Hardware Package and SFS Component Package (see TheInstallBay.com for a full list of content). Manufactured with shatter resistant PVC.



AXIS SHAPE CREATOR

NEW ST-SFSESSANT AXIS ESSENTIAL PACKAGE EA
Includes SFS Hardware Package and SFS Component Package (see TheInstallBay.com for a full list of content). Manufactured with shatter resistant PVC.



AXIS SHAPE CREATOR

NEW ST-SFS-PRO AXIS PRO PACKAGE EA
Includes SFS Hardware Package (2 Trays), SFS Component Package and SFS Sweep Package (see TheInstallBay.com for a full list of content). Manufactured with shatter resistant PVC.

SMART SPREADERS + ROUTER ACCESSORIES / BITS



SMART SPREADER

NEW SS-SPREAD-1 SPREADER (PROFILE 1) EA
6 piece set. Quickly and easily add contours to a panel using body filler also good for scraping foam. Easily clean with acetone. Laser cut stainless steel.



SMART SPREADER

NEW SS-SPREAD-2 SPREADER (PROFILE 2) EA
6 piece set. Quickly and easily add contours to a panel using body filler also good for scraping foam. Easily clean with acetone. Laser cut stainless steel.



SMART SPREADER

NEW SS-SPREAD-LG2 SPREADER (LARGE PROFILE 2) EA
6 piece large set. Same as profile 2, but larger. Quickly and easily add contours to a panel using body filler also good for scraping foam. Easily clean with acetone. Laser cut stainless steel.



ROUTER TOOL

NEW RA-FKRT FUKUDA 12" X 12" ROUTER TOOL EA
The original adjustable square jig tool designed by Mark Fukuda. Duplicate any square or rectangle shape precisely from 3/8" to 12". Machined from 1/2" aircraft grade 6061 billet aluminum. Brushed finish with clear anodizing for smooth operation. Knurled nylon adjustment screws, and stainless steel stop screws.



ROUTER SAFETY SHIELD

NEW RA-SHLD FUKUDA ROUTER SAFETY SHIELD EA
The Fukuda router safety shield is made of sturdy 1/2" optically clear acrylic and has high impact type 1 PVC plastic handles. This not only keeps your hands safe, but adds an additional guard between the work piece and your body.



PERFECT CIRCLE

NEW RA-PCIR MOBILE SOUL PERFECT CIRCLE EA
Cut precision inside and outside diameter holes. Great for cutting woofer holes, small circles, and giant arcs from 1" all the way to 30". Machined from 1/2" aircraft grade 6061 billet aluminum.



3/4" RABBET KIT

NEW RB-100-5075 3/4" RABBET KIT (10 BEARINGS) EA
Super pro kit, 3/4" (1/2" shank).



BEARING KIT

NEW RB-199-9640 MASTER BEARING KIT EA
35 piece master bearing kit. Includes hardware and lube.



1 1/8" RABBET BIT-SMART

NEW RB-SPB 1 1/8" RABBET BIT EA
1/2" shank. Used to cut wood and plastics. Used to create template shapes from scratch. To be used with a 1/2" router collet.

ROUTER BITS + GLUES / ADHESION



SQUARE BEARING BIT

NEW RB-FLUSH-SQ TRIM BIT WITH SQUARE BEARING **EA**
Designed for use with our adjustable curves to avoid damaging the curved template. Copy and transfer the shape of Smart Templates or other items to a piece of material. Square bearing stops spinning as soon as it touches work piece. Used with a 1/2" router collet. Made of non-stick Teflon.



RABBET BIT TRAY WITH BITS

NEW RB-TRAY2 OVERSIZE/RABBET BIT TRAY KIT 2 **EA**
Includes 3/4" rabbet bit, 9 bearings, 1 flush trim bit and organization tray. Used to oversize and undersize template shapes. Organization tray labeled for easy bearing identification. Used with a 1/2" router collet. Used to cut wood and plastics.



RABBET BIT TRAY WITH BITS

NEW RB-SMRC-TRAY SMART RABBET BIT TRAY **EA**
8 rabbet bits for material gap compensation. 1/64" rabbet bit – (paint / primer), 1/32" rabbet bit – (vinyl), 1/16" rabbet bit – (vinyl + vinyl), 3/32" rabbet bit – (primer + vinyl + vinyl), 1/8" rabbet bit – (carpet), 3/16" rabbet bit – (carpet + vinyl), 1/4" rabbet bit, 3/8" rabbet bit. Used with a 1/2" router collet. Used to cut wood, plastics and aluminum.



QUAD BEARING BIT

NEW RB-QUAD-FLUSH QUAD BEARING 1/4" SPIRAL **EA**
Taller bearing for copying multiple layers of templates in one pass or varying height speaker adapters. Longer life than standard straight flute bits. Upcut for use in router table applications. Cutting action pulls work piece against the table for improved finish. Copy and transfer the shape of Smart Templates or other items to a piece of material. Used with a 1/4" router collet



RABBET BIT TRAY WITH BITS

NEW RB-TRAY3 OVERSIZE/RABBET BIT TRAY KIT 3 **EA**
Includes 3/4" rabbet bit, 9 bearings, 9 flush trim bits and organization tray. Used to oversize and undersize template shapes. 9 bits reduce bearing change time. Used with a 1/2" router collet. Used to cut wood and plastics.



MS INSTANT ADHESIVE

NEW AD-THIN-2OZ THIN MS INSTANT ADHESIVE 2OZ **EA**
10 second bond with activator. Designed for smooth surfaces, excellent wicking properties, 4000 PSI tensile/sheer. Mobile Solutions Instant CA adhesive in a 2oz. bottle is the ultimate industrial grade fabrication adhesive! The formula is an industrial grade cyanoacrylate adhesive, and performs much better than typical hobby grade adhesive available elsewhere.



RABBET BIT STORAGE TRAY

NEW RB-BIT-TRAY1 EMPTY STORAGE TRAY **EA**
Stop losing and misplacing your router bit bearings. Finally there's a place to keep everything and easily determine which one you need quickly and easily. Holds 11 1/2" shank bits and 9 bearings.



RABBET BIT TRAY WITH BITS

NEW RB-SMR-TRAY SMART RABBET BIT TRAY **EA**
4 rabbet bits for material gap compensation. 3/16" rabbet bit – (carpet + vinyl), 1/8" rabbet bit – (carpet), 1/16" rabbet bit – (vinyl + vinyl), 1/32" rabbet bit – (vinyl). Used with a 1/2" router collet. Used to cut wood, plastics and aluminum.



MS INSTANT ADHESIVE

NEW AD-THICK-2OZ THICK MS INSTANT ADHESIVE 2OZ **EA**
10 second bond with activator. Designed for porous surfaces, gap filling capability, 4000 PSI tensile/sheer. Mobile Solutions Instant CA adhesive in a 2oz. bottle is the ultimate industrial grade fabrication adhesive! The formula is an industrial grade cyanoacrylate adhesive, and performs much better than typical hobby grade adhesive available elsewhere.

**MS INSTANT ADHESIVE**

NEW AD-JEL-20Z MS INSTANT ADHESIVE GEL 20Z **EA**
10 second bond with activator. Designed for vertical surfaces. Gap filling capability. 4000 PSI tensile/sheer. Mobile Solutions Instant CA adhesive in a 2 oz. bottle is the ultimate industrial grade fabrication adhesive! The formula is an industrial grade cyanoacrylate adhesive, and performs much better than typical hobby grade adhesive available elsewhere.

**CA GLUE ACTIVATOR**

NEW AD-ACT-20Z CA GLUE ACTIVATOR PUMP **EA**
This unique industrial grade 2P-10 activator is a two-part, 10 second bond accelerator. Just apply the adhesive to one side, then spray the activator on the other side and stick it together, for a strong permanent bond.

**BLACK RUBBER ADHESIVE**

NEW AD-BLACK-20Z BLACK RUBBER ADHESIVE 20Z **EA**
Rubber toughened black cyanoacrylate adhesive. Bonds with similar and dissimilar materials. The formula is an industrial grade cyanoacrylate adhesive, and performs much better than typical hobby grade adhesive available elsewhere and is impact resistant.

**ADHESIVE/ACTIVATOR KIT**

NEW AD-MSKIT-20Z 4 PIECE ADHESIVE/ACTIVATOR **EA**
Includes thin, thick, and gel 2oz adhesives plus an activator. Mobile Solutions instant CA adhesives are the ultimate industrial grade fabrication adhesives!

**CA GLUE (WATERY)**

NEW AD-2P-10THIN WATERY CA GLUE 20Z **EA**
The ultimate industrial grade cyanoacrylate adhesives. For the fabricator who requires a bit more adhesive than 1oz. These bottles are the perfect solution. The formula is an industrial grade cyanoacrylate adhesive, not the "hobby grade" that most fabricators are using.

**CA GLUE (SYRUPY)**

NEW AD-2P-10THICK SYRUPY CA GLUE 80Z **EA**
The ultimate industrial grade cyanoacrylate adhesives. For the fabricator who requires a bit more adhesive than 1oz. These bottles are the perfect solution. The formula is an industrial grade cyanoacrylate adhesive, not the "hobby grade" that most fabricators are using.

**CA GLUE (GEL)**

NEW AD-2P-10JEL GEL CA GLUE 80Z **EA**
The ultimate industrial grade cyanoacrylate adhesives. For the fabricator who requires a bit more adhesive than 1oz. These bottles are the perfect solution. The formula is an industrial grade cyanoacrylate adhesive, not the "hobby grade" that most fabricators are using.

**AEROSOL CA ACTIVATOR**

NEW AD-2P-10SAA AEROSOL CA ACTIVATOR 120Z **EA**
This unique industrial grade 2P-10 activator is a two-part, 10 second bond accelerator. Just apply the adhesive to one side, then spray the activator on the other side and stick it together, for a strong permanent bond. Since it's packaged in a 12oz. aerosol can, it is ideal for the fast pace of a fabrication environment where the contents will be used up quickly.

**1/4" TEMPLATE TAPE**

NEW AD-TDST25 1/4" 2-SIDED TEMPLATE TAPE 50FT **EA**
This 2-sided template tape has an extremely aggressive tack for placing templates together. But because it's thinner than most tapes, you won't have any sliding of the template while pushing it into the bearing on the router bit.

ADHESION / MEASURE / ELECTRONIC**3/4" TEMPLATE TAPE****NEW AD-TDST75 3/4" 2-SIDED TEMPLATE TAPE 50FT EA**

This 2-sided template tape has an extremely aggressive tack for placing templates together. But because it's thinner than most tapes, you won't have any sliding of the template while pushing it into the bearing on the router bit.

**PHASE TESTER KIT****NEW EA-PT9A PHASE TESTER KIT EA**

The EA-PT9A features a built-in microphone and comes with a test CD that includes in phase and out of phase pulses (in addition to 11 other useful test tracks). It has a built in pulse generator for both speaker level and preamp level connections directly to a component (speaker, amplifier, signal processor, etc). Comes with a protective carrying case and test leads.

**1" TEMPLATE TAPE****NEW AD-TDST1 1" 2-SIDED TEMPLATE TAPE 50FT EA**

This 2-sided template tape has an extremely aggressive tack for placing templates together. But because it's thinner than most tapes, you won't have any sliding of the template while pushing it into the bearing on the router bit.

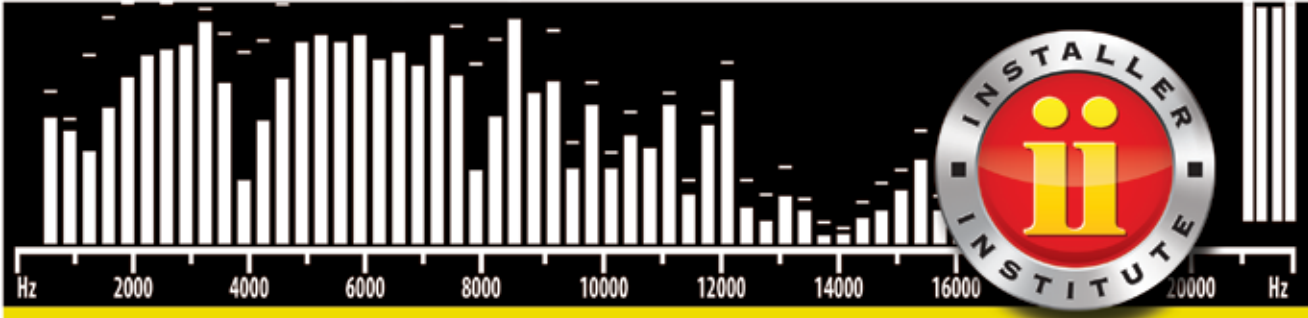
**NON CONTACT PHASE TESTER****NEW EA-PT92 NON CONTACT PHASE TESTER EA**

Non contact phase tester with phase meter, calibrated test tone CD, 12V battery, user manual and lanyard.

**ADJUSTABLE CURVE****NEW MC-AAC36 36" ADJUSTABLE CURVE EA**

These flexible drawing instruments, formed of interlocking layers of butyrate plastic, can be finger-shaped to the desired curve and then template taped to wood or plastic to form a unique shape for trim panels. Use a flush trim bit with a square bearing to copy the profile to your work piece.

** This template MUST be used with a square bearing flush trim bit. **



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TERMS:

NET 30 DAYS FROM DATE OF INVOICE ON APPROVED ACCOUNTS. MINIMUM ORDER:
\$50 PER INVOICE. ORDERS LESS THAN REQUIRED MINIMUM INCUR A \$20 SERVICE CHARGE.

FREIGHT:

FREIGHT ON BOARD (F.O.B.) FROM POINT OF SHIPMENT.

CREDIT:

IN ORDER TO ESTABLISH A CREDIT LINE WITH METRA, AN APPLICATION FOR CREDIT MUST BE SUBMITTED LISTING A MINIMUM OF TWO (2) TRADE REFERENCES AND A BANK WITH THEIR ADDRESSES AND PHONE NUMBERS AND MUST BE SIGNED BY A PRINCIPAL OR AUTHORIZED OFFICER OF THE COMPANY. A CREDIT LINE WILL BE ESTABLISHED BY OUR CREDIT MANAGER AND MUST BE MAINTAINED IN A CURRENT STATUS ACCORDING TO OUR TERMS (NET 30 DAYS). CREDIT NOT ESTABLISHED OR REVOKED REQUIRES REMITTANCE WITH ORDER. A 3% COLLECTION CHARGE WILL BE PLACED ON ANY AMOUNTS THAT ARE 30 DAYS OR MORE PAST DUE.

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CALIFORNIA CUSTOMERS MUST PROVIDE A VALID RESALE CARD BEFORE AN ORDER CAN BE PLACED.

CLAIMS:

TITLE AND RISK OF LOSS PASSES TO BUYER AT F.O.B. SHIPPING POINT AND ALL CLAIMS MUST BE FILED WITH CARRIER. ANY DISCREPANCIES MUST BE REPORTED TO METRA WITHIN TEN (10) DAYS OF RECEIPT OF SHIPMENT.

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ALL SALES ARE FINAL. NO RETURNS OR EXCHANGES WILL BE ALLOWED WITHOUT PRIOR WRITTEN AUTHORIZATION FROM METRA. ALL RETURNS ARE SUBJECT TO A 20% HANDLING CHARGE, MUST BE IN SALEABLE CONDITION, AND MUST HAVE BEEN PURCHASED WITHIN SIXTY (60) DAYS OF RETURN REQUEST. NO STOCK BALANCING PERMITTED. COPIES OF INVOICES MUST BE MAILED IN ADVANCE FOR ANY RETURN AUTHORIZATION (RA).

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