

## SERVICE BODY

The STAHL ChallengerST II Service Body (CST) is a rugged, highly versatile tool box on wheels. Its sleek exterior design includes full-height, lockable compartment doors; fully concealed door hinges and hidden drip-rails - standard features that enhance your company's image while protecting your tools and equipment from theft and the elements. Constructed of heavy gauge, powder coated Galvanneal steel, CST II bodies feature a minimum 44 cu. ft. of secure, sealed storage space. With a wide array of optional equipment including drawers, racks, compressors, generators, welders and more, you can easily configure the ChallengerST II to meet your specific application needs.

### HIGH SECURITY / LOW MAINTENANCE

Fully hidden door hinges enhance security while their bolt-on design makes them maintenance-friendly

### STRONG & DURABLE

Lock-bolt construction provides exceptional strength and durability at the same time eliminating the need for any cutting, welding and grinding which can allow corrosion to start



Body shown with optional Recessed Lighted Bumper and Aluminum Fuel Fill

# STAHL

### PROTECTION FOR VALUABLES

Keyed-alike locks on each compartment door keep valuables secure. Optional, push-pull bar locks with padlock tabs can also be added to provide a second level of security

### LONG LASTING GOOD LOOKS

The service body exterior, compartment interiors and cargo area surfaces are finished in durable, corrosion-resistant white powder coat

Covered by STAHL's 5-Year "No Rust, No Bust" warranty



Full-height doors and large clear door openings allow quick, convenient access to tools and equipment



Fully hidden bolt-on hinges offer maximum security while making maintenance fast and easy

## STANDARD COMPARTMENT CONFIGURATION

COMPARTMENT	BODY LENGTH	COMP. WIDTH	CURB-SIDE CONFIGURATION	STREET-SIDE CONFIGURATION
Front vertical	98" 110" 134"	29.81" 33.44" 33.44"	(2) adjustable trays with dividers	(2) adjustable trays with dividers
Second vertical	134"	24.00"	(2) adjustable trays with dividers	(2) adjustable trays with dividers
Horizontal	All	47.19"	(1) adjustable tray with dividers	Open
Rear vertical	98" 110" 134"	21.00" 29.81" 29.81"	(1) adjustable tray with dividers	(1) adjustable tray with dividers

## DIMENSIONAL SPECIFICATIONS

DESCRIPTION	98VVS	98VVSILT	98VVD	110VVS	110VVD	134VVD
Overall body length (less bumper)	98"	98"	98"	110"	110"	134"
Loadspace floor width	48.5"	48.5"	52.5"	48.5"	48.5" / 52.5"	48.5" / 52.5"
Overall body width	79.98"	79.98"	96"	79.98"	92" / 96"	92" / 96"
Cab-to-axle requirement	56"	56"	56"	60"	60"	84"
Front vertical width / Clear door opening	29.81" / 25.31"			33.44" / 28.94"		33.44" / 28.94"
Second vertical width / Clear door opening	N/A			N/A		24" / 19.69"
Horizontal width / Clear door opening	47.19" / 45.31"					
Rear vertical width / Clear door opening	21" / 16.75"	21" / 16.75"	21" / 16.75"	29.75" / 25.5"	29.75" / 25.5"	29.75" / 25.5"
Vertical comp. height / Clear door opening	39.5" / 36.37"	36" / 31.13"	39.5" / 36.37"			
Horizontal comp. height / Clear door opening	18.07" / 14.94"	11.19" / 9.69**	18.07" / 14.94"			
Side compartment depth	13.63"	13.63"	19.63"	13.63"	19.63"	19.63"
Floor-to-compartment top height	25.5"	22"	25.5"	25.5"	25.5"	25.5"
Tailgate height above floor / overall height	9.10" / 11.22"					

### AVAILABLE OPTIONS INCLUDE:

Bar Locks • Bumpers (with and without Light Kits) • Compressors • Conduit Tube • Compartment Lights • Drawer Packages • D-Ring Tie Downs • Generators • High Roofs • Hooks • Ladder Racks • Light Kits • Low Sliding Roofs • Power Door Lock Kits • Tank Compartments • Tank Holders • Tire Carrier • Trays • Top Paks • Tray Dividers • Welders • Work Light, and more...  
(Check with Stahl for the availability of application specific custom engineered options)



Top Pack



High Roof (60" pictured)



Drawer Packages



Low Sliding Roof

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## Specifications

### STANDARD CONSTRUCTION

- Bulkhead (non-ribbed) ..... 14 ga. galvanized steel
- Compartment Bottoms ..... 16 ga. galvanized steel
- Compartment Tops ..... 14 ga. galvanized steel (one-piece integral with loadspace centers)
- Crossmember-front ..... 7 ga. hot-rolled formed channels
- Crossmember-intermediate 12 ga. galvanized steel
- Crossmember-rear ..... 7 ga. hot-rolled formed channels
- Doors ..... 20 ga. galvanized steel double panel
- End panels-front ..... 14 ga. galvanized steel
- End panels-rear ..... 14 ga. galvanized steel
- Fender panels ..... 16 ga. galvanized steel
- Floor ..... 12 ga. embossed galvanized treadplate
- Intermediate panels ..... 16 ga. galvanized steel
- Loadspace inside centers ... 14 ga. galvanized steel (one-piece integral with compartment tops)
- Longitudinals ..... 10 ga. galvanized formed
- Shelving ..... 14 ga. high-spangle galvanized (250# static load capacity)
- Tailgate ..... 18 ga. galvanized (double panel, formed construction)
- A-40 galvanized construction. Two-sided zinc coated galvanized (.40 oz zinc coating per square foot of steel) provides maximum rust and corrosion resistance.
- Body sides are constructed using plated lock-bolt fasteners.
- Floor understructure rigidly welded for structural integrity and durability. Mounting points re-inforced w/U-channel gussets.



Shown with optional recessed lighted bumper

### STANDARD FEATURES / EQUIPMENT

- **Construction** - Lock-bolt to provide unbeatable durability, eliminates rust-causing welding and grinding, and promotes corrosion-free, long-lasting product. Floor understructure rigidly welded for structural integrity and undercoated for superior rust protection.
- **Compartment Tops** – Smooth seamless surface to enhance appearance.
- **Cutouts** – Openings in intermediate panels between horizontal and adjacent vertical compartments provides extended storage between compartments.
- **Door Hinges** - Concealed, bolt-on style provides increased security and clean appearance
- **Door Latches** - Bolt-on rotary style with stainless steel paddle handles and stainless steel pans.
- **Lock Cylinders** are keyed alike with double-bitted keys and are power door lock ready for easy after-market installation.
- **Door Striker** - Adjustable, bolt-on.
- **Vertical Doors** - Spring-loaded door holders to hold doors in the fully open position and assist in closing.
- **Horizontal Doors** – Use vinyl coated aircraft quality cables for support in open position.
- **Automotive Style Door Seal** - STAHL-engineered clip-on to allow easy removal for painting, replacement and quicker installation. Door seals against a flat surface for extra protection against water leakage.
- **Drip Rail** - Concealed to provide extra protection against water leakage.
- **Fender Panels** - Bolt-on die-stamped with radius wheel opening.
- **Tailgate** – Two point slam-locking featuring anti-rack/rattle hardware.
- **Shelving** – Bolt-in material trays with dividers.
- **Powder Coat Finish** – Body exterior, compartment interiors, and cargo area surfaces are finished in a durable, corrosion resistant white powder coat.
- **Undercoating** - On bottom of floor and wheelwells.
- **STAHL** 's exclusive 5-year "No Rust, No Bust" warranty.

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## STANDARD SHELVING PACKAGE

COMPARTMENT	BODY LENGTH	COMPT. WIDTH	CURBSIDE COMPARTMENTATION	STREETSIDE COMPARTMENTATION
Front vertical	98" 110" 134"	29.81" 33.44" 33.44"	(2) adjustable trays with dividers	(2) adjustable trays with dividers
Second vertical	134"	24.00"	(2) adjustable trays with dividers	(2) adjustable trays with dividers
Horizontal	ALL	47.19"	(1) adjustable tray with dividers	Open
Rear vertical	98" 110" 134"	21.00" 29.81" 29.81"	(1) adjustable tray with dividers	(1) adjustable tray with dividers

## DIMENSIONAL SPECIFICATIONS

DESCRIPTION	98VVS	98VVSLT	98VVD	110VVS	110VVD	110VVD	134VVD	134VVD
Overall Body Length	98"	98"	98"	110"	110"	110"	134"	134"
Loadspace Floor Width	48.50"	48.50"	52.50"	48.50"	48.50"	52.50"	48.50"	52.50"
Overall Body Width	79.98"	79.98"	96.00"	79.98"	92.00"	96.00"	92.00"	96.00"
Cab-to-axle	56.00"	56.00"	56.00"	60.00"	60.00"	60.00"	84.00"	84.00"
Front Vertical Width	29.81"	29.81"	29.81"	33.44"	33.44"	33.44"	33.44"	33.44"
Clear door opening	25.31"	25.31"	25.31"	28.94"	28.94"	28.94"	28.94"	28.94"
Second Vertical Width	n/a	n/a	n/a	n/a	n/a	n/a	24.00"	24.00"
Clear door opening	n/a	n/a	n/a	n/a	n/a	n/a	19.69"	19.69"
Horizontal Width	47.19"							
Clear door opening	45.31"							
Rear Vertical Width	21.00"	21.00"	21.00"	29.81"	29.81"	29.81"	29.81"	29.81"
Clear door opening	16.75"	16.75"	16.75"	25.56"	25.56"	25.56"	25.56"	25.56"
Vertical Compartment Height	39.50"	36.00"	39.50"					
Clear door opening	36.37"	31.13" *	36.37"					
Horizontal Compartment Height	18.07"	11.19" *	18.07"	18.07"	18.07"	18.07"	18.07"	18.07"
Clear door opening	14.94"	9.69" *	14.94"	14.94"	14.94"	14.94"	14.94"	14.94"
Side Compartment Depth (useable – above offset)	13.63"	13.63"	19.63"	13.63"	19.63"	19.63"	19.63"	19.63"
Floor-to-Compartment Top Height	25.50"	22.00"	25.50"	25.50"	25.50"	25.50"	25.50"	25.50"
Tailgate Height Above Floor	9.10"							
Tailgate Height Overall	11.22"							

\* Note: Top Pak clear door openings are from the bottom of the Top Pak pan.

### OPTIONAL EQUIPMENT

- Back Up Alarms
- Bar Lock Master Locking System
- Bumpers
- Crane Reinforcement (2,000-4,000#)
- Dome Lights
- Drawers
- Folding Steps & Grab Handles
- Fuel Fill (Alum.)
- Primer Paint
- High Roof
- Hitches
- Hooks
- Ladder Rack
- Light Kit – LED
- Louvers
- Low Sliding Roof
- Off-Road Mounting Kit
- Shelves
- Paint and Installation
- Pipe Carrier
- Power Door Locks
- Tank Compartment
- Tie-Down Ring
- Tire Carrier
- Top Pak (add-on)
- Trays
- Treadbrite Overlay

Due to constant product evaluations and improvements, specifications are subject to change without notice.

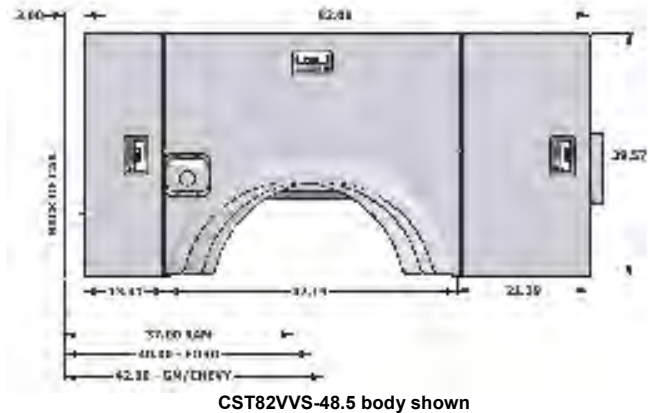




### CST82 Body Specifications

#### STANDARD CONSTRUCTION

- Bulkhead (non-ribbed) ..... 14 ga. galvaneal steel
- Compartment Bottoms ..... 16 ga. galvaneal steel
- Compartment Tops ..... 14 ga. galvaneal steel (one-piece integral with loadspace centers)
- Crossmember-front ..... 7 ga. hot-rolled formed channels
- Crossmember-intermediate 12 ga. galvaneal steel
- Crossmember-rear ..... 7 ga. hot-rolled formed channels
- Doors ..... 20 ga. galvaneal steel double panel
- End panels-front ..... 14 ga. galvaneal steel
- End panels-rear ..... 14 ga. galvaneal steel
- Fender panels ..... 16 ga. galvaneal steel
- Floor ..... 12 ga. embossed galvaneal treadplate
- Intermediate panels ..... 16 ga. galvaneal steel
- Loadspace inside centers ... 14 ga. galvaneal steel (one-piece integral with compartment tops)
- Longitudinals ..... 10 ga. galvaneal formed
- Shelving ..... 14 ga. high-spangle galvanized (250# static load capacity)
- Tailgate ..... 18 ga. galvaneal (double panel, formed construction)
- A-40 galvaneal construction. Two-sided zinc coated galvaneal (.40 oz zinc coating per square foot of steel) provides maximum rust and corrosion resistance.
- Body sides are constructed using plated lock-bolt fasteners.
- Floor understructure rigidly welded for structural integrity and durability. Mounting points re-inforced w/U-channel gussets.



#### STANDARD FEATURES / EQUIPMENT

- **Construction** - Lock-bolt to provide unbeatable durability, eliminates rust-causing welding and grinding, and promotes corrosion-free, long-lasting product. Floor understructure welded for structural integrity and undercoated for superior rust protection.
- **Mounting Points** – 6-point mounting provided so body can be easily installed on GM, RAM or Ford (only 4 points used)
- **Compartment Tops** – Smooth seamless surface to enhance appearance.
- **Cutouts** – Openings in intermediate panels between horizontal and adjacent vertical compartments provides extended storage between compartments.
- **Door Hinges** - Concealed, bolt-on style provides increased security and clean appearance
- **Door Latches** - Bolt-on rotary style with stainless steel paddle handles and stainless steel pans.
- **Lock Cylinders** are keyed alike with double-bitted keys and are power door lock ready for easy after-market installation.
- **Door Striker** - Adjustable, bolt-on.
- **Front Vertical Doors** – Spring-loaded hinges hold door in the fully open position and assist in closing.
- **Rear Vertical Doors** - Spring-loaded door holders to hold doors in the fully open position and assist in closing.
- **Horizontal Doors** – Use vinyl coated aircraft quality cables for support in open position.
- **Automotive Style Door Seal** - STAHL-engineered clip-on to allow easy removal for painting, replacement and quicker installation. Door seals against a flat surface for extra protection against water leakage.
- **Drip Rail** - Concealed to provide extra protection against water leakage.
- **Fender Panel Kits** – Chassis specific bolt-on die-stamped with radius wheel opening allows body to mount on GM, Ford or RAM vehicle. Aluminum Fuel Fill is included in street side fender. RAM kit includes frame extension brackets
- **Tailgate** – Two point slam-locking featuring anti-rack/rattle hardware.
- **Shelving** – Bolt-in material trays with dividers in vertical compartments and curbside horizontal compartment.
- **Powder Coat Finish** – Body exterior, compartment interiors, and cargo area surfaces are finished in a durable, corrosion resistant white powder coat.
- **Undercoating** - On bottom of floor and wheelwells.
- **STAHL's** exclusive 5-year "No Rust, No Bust" warranty.

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## STANDARD SHELVING PACKAGE

COMPARTMENT	COMPT. WIDTH	CURBSIDE COMPARTMENTATION	STREETSIDE COMPARTMENTATION
Front vertical	13.41"	(1) adjustable tray with dividers	(1) adjustable tray with dividers
Horizontal	47.19"	(1) adjustable tray with dividers	Open
Rear vertical	21.41"	(2) adjustable trays with dividers	(2) adjustable trays with dividers

## DIMENSIONAL SPECIFICATIONS

DESCRIPTION	82VVS	82VVSL	82VVSLT
Overall Body Length	82"	82"	82"
Loadspace Floor Width	48.50"	48.50"	48.50"
Overall Body Width	79.98"	79.98"	79.98"
Cab-to-axle	37", 40", 42"		
Front Vertical Width	13.41"	13.41"	13.41"
<i>Clear door opening</i>	9.06"	9.06"	9.06"
Horizontal Width	47.19"	47.19"	47.19"
<i>Clear door opening</i>	45.31"	45.31"	45.31"
Rear Vertical Width	21.41"	21.41"	21.41"
<i>Clear door opening</i>	17.34"	17.34"	17.34"
Vertical Compartment Height	39.50"	36.00"	36.00"
<i>Clear door opening</i>	36.37"	32.87"	31.13"
Horizontal Compartment Height	18.07"	14.57"	11.19" *
<i>Clear door opening</i>	14.94"	11.44"	9.69" *
Side Compartment Depth (useable – above offset)	13.63"	13.63"	13.63"
Floor-to-Compartment Top Height	25.50"	22.00"	22.00"
Tailgate Height Above Floor	9.10"		
Tailgate Height Overall	11.22"		

\* Note: Top Pak clear door openings are from the bottom of the Top Pak pan.

### OPTIONAL EQUIPMENT

- Back Up Alarms
- Bar Lock Master Locking System
- Bumpers
- Crane Reinforcement (2,000-4,000#)
- Dome Lights
- Drawers
- Folding Steps & Grab Handles
- Primer Paint
- High Roof
- Hitches
- Hooks
- Ladder Rack
- Light Kit – LED
- Louvers
- Low Sliding Roof
- Off-Road Mounting Kit
- Shelves
- Paint an Installation
- Pipe Carrier
- Power Door Locks
- Tie-Down Ring
- Tire Carrier
- Top Pak (add-on)
- Trays
- Treadbrite Overlay

Due to constant product evaluations and improvements, specifications are subject to change without notice.





# MEDIUM DUTY SERVICE BODIES

The MDST Medium Duty Service Body provides a great combination of durability and versatility for medium duty vehicles. The sleek exterior design includes large 44.5"-high, 20" deep compartments with keyed-alike lockable doors, fully concealed hinges and hidden drip-rails - all standard features that enhance your company's image while protecting your tools and equipment from theft and the elements. Constructed primarily of 14 gauge, powder coated Galvanneal steel, MDST bodies feature plenty of secure storage space, loadspace tie-down rings and aluminum grab handles. Add any of STAHL's wide array of optional equipment such as drawer packages, crane reinforcement, tank compartments, compressors, generators, welders & more, and you can easily configure the MDST to meet your specific application needs.



# STAHL

## HIGH SECURITY / LOW MAINTENANCE

Fully hidden door hinges enhance security while their bolt-on design makes them maintenance-friendly

## STRONG & DURABLE

Lock-bolt construction provides exceptional strength and durability at the same time eliminating the need for any cutting, welding or grinding which can allow corrosion to start



Shown with optional storage bumper with factory installed L.E.D. Light Kit

## PROTECTION FOR VALUABLES

Lockable Stainless Steel T-Handle latches with 3-point engagement hold compartment doors securely in the closed position while making unauthorized compartment access difficult

## LONG LASTING GOOD LOOKS

The service body exterior, compartment interiors and cargo area surfaces are finished in durable, corrosion-resistant white powder coat

Covered by STAHL's 5-Year "No Rust, No Bust" warranty



44.5" high compartments with large door clearance provide ample storage space and easy access to tools and equipment (optional Drawer package pictured above)



Optional storage bumper features dual locable compartments, factory installed L.E. D. light kit, twin steps and recess for optional hitch package

## MDST STANDARD COMPARTMENT CONFIGURATION

COMPARTMENT	BODY LENGTH	COMP. WIDTH	CURB-SIDE CONFIGURATION	STREET-SIDE CONFIGURATION
Front vertical	110" 134" 158"	33.44" 33.44" 33.44"	(2) adjustable trays with moveable dividers	(2) adjustable trays with moveable dividers
Second vertical	134" 158"	24.00" 24.00"	(2) adjustable trays with moveable dividers	(2) adjustable trays with moveable dividers
Third vertical	158"	24.00"	(2) adjustable trays with moveable divider	(2) adjustable trays with moveable divider
Horizontal	All	47.19"	(1) adjustable tray with moveable dividers	Open
Rear Vertical	All	29.81"	(1) adjustable tray with moveable dividers	(1) adjustable tray with moveable dividers

## DIMENSIONAL SPECIFICATIONS

DESCRIPTION	MDST110VVD	MDST134VVD	MDST158VVD
Overall body length (less bumper)	110"	134"	158"
Loadspace floor width	52.5"	52.5"	52.5"
Overall body width	96"	96"	96"
Cab-to-axle requirement	60"	84"	108"
Front vertical width / Clear door opening	33.44" / 28.68"	33.44" / 28.68"	33.24" / 28.68"
Second vertical width / Clear door opening	N/A	24.00" / 19.44"	24.00" / 19.44"
Third vertical width / Clear door opening	N/A	N/A	24.00" / 19.44"
Horizontal width / Clear door opening	47.19" / 44.75"	47.19" / 44.75"	47.19" / 44.75"
Rear vertical width / Clear door opening	29.81" / 25.31"	29.81" / 25.31"	29.81" / 25.31"
Vertical comp. height / Clear door opening	44.50" / 41.37"	44.50" / 41.37"	44.50" / 41.37"
Horizontal comp. height / Clear door opening	20.57" / 17.44"	20.57" / 17.44"	20.57" / 17.44"
Side compartment depth	19.70"	19.70"	19.70"
Floor-to-compartment top height	28.00"	28.00"	28.00"
Tailgate height above floor / overall height	9.10" / 11.40"	9.10" / 11.40"	9.10" / 11.40"
Tailgate height overall	11.22"	11.22"	11.22"

### AVAILABLE OPTIONS INCLUDE:

Bar Locks • Bumpers (with and without Light Kits) • Compressors • Conduit Tube • Compartment Lights • Crane Reinforcement up to 6000 lb. • Drawer Packages • Generators • High Roofs • Hooks • Ladder Racks • Light Kits • Low Sliding Roofs • Tank Compartments • Tank Holders • Tire Carrier • Trays w/ Dividers • Work Light, and more...

(Check with Stahl for the availability of application specific custom engineered options)



Drawer Package

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