



HOW TO BUILD A DRY FREIGHT BODY

START BY ASKING:



WHAT
IS YOUR
BUSINESS?



WHAT
ARE YOU
HAULING?



HOW DO
YOU LOAD/
UNLOAD?



WHAT IS YOUR
PRESENT
EQUIPMENT?



WHEN DO
YOU NEED
DELIVERY?



QUESTIONS TO ASK

WHAT LENGTHS, WIDTHS AND HEIGHTS ARE REQUIRED?

Available — lengths 10'- 28', widths 96" and 102", heights 79", 85", 91", 97", 103" and 109".

ARE THERE ANY CRITICAL DIMENSIONS SUCH AS OVERALL LENGTH, WIDTH OR HEIGHT?

Special lengths, widths and heights available upon request.

WHAT TYPE OF BODY CONSTRUCTION IS REQUIRED?

Aluminum sheet and post, MorganBond, Morganplate or FRP — Fiberglass Reinforced Plywood.

WHAT INTERIOR LINER DO YOU REQUIRE?

Plywood, slats, scuff, with FRP — Liner not required.

HOW IS YOUR CARGO RESTRAINED?

"E" or "F" track, tie rings, surface or recessed mount. Reminder: specify location! **NOTE:** *Federal Motor Carrier Safety Regulations stipulate that the owner / operator is at all times responsible for insuring cargo is properly secure at all times.*

WHAT ARE YOUR SIDE AND REAR DOOR REQUIREMENTS?

A variety of panel door options, plastic-covered overhead rear and side doors, and sliding or overhead side doors with recessed steps ("the Morgan Maximizer").

WHAT ABOUT COMPANY COLOR AND GRAPHICS?

Prepainted sheets and panels, custom paint and decal installation.

HOW DO YOU LOAD AND UNLOAD?

Several different forklift/pallet jack options are available, including additional crossmembers, threshold plate, reinforced rear end plate, reinforced front end, heavy duty floor.

WHAT INTERIOR/EXTERIOR LIGHTING OPTIONS DO YOU REQUIRE?

Interior and exterior lighting options are available in LED configurations. Recessed taillights are available in select rear frame options.

IS THERE A LIFTGATE REQUIRED?

Cycle time is one of the most critical items to help determine which liftgate is appropriate. Ask how many times the liftgate will be operated. Liftgate options include tuck away, conventional and rail type models. (Please consider platform size and capacity, bumper type, structural or fabricated.) Stop, turn and taillights provided with chassis or recessed in corner post. (Recessed in corner post feature suggested with tuckunder liftgate application.)

WHAT BUMPER, STEP AND/OR RAMP REQUIREMENTS ARE NECESSARY?

Bumper options include standard DOT underride and step bumpers; folding steps are available; walkramp options include Morgan standard or ventilated with available spring assist for easier operation. **NOTE:** *For rear finish you should be asking about dock loading / ground loading / unloading to make sure the correct type of bumper / step is offered.*

NOTE: *Certain state laws dictate rear vision detections or appropriate warning / safety devices be installed. Morgan Truck Body offers various safety related items to fill those requirements.*

STANDARD SPECS

SUBFRAME

4" steel I-beam longrails, 3" steel I-beam crossmembers on 16" centers for 12'-16' lengths, 12" centers and steel wheelpans for 18'-26' lengths.

FLOOR TYPE

Two 5/16" screw per every other floor board, staggered pattern stabilized crossmembers.

FRONT-END ASSEMBLY

Aerodynamic design with contoured Poly Tuff corner caps, aluminum 9" top radii and 5" corner radii. Streamlined extruded aluminum body extrusions, connectors and rails.

SIDEWALLS & FRONT

.040" prepainted white aluminum sheets, vertical lightweight aluminum hat posts on 16" centers.

ROOF ASSEMBLY

.032" one-piece aluminum sheet with anti-snap roof bows and seamless roof capping process for improved adhesive seal at all contact points. Roof bows on 24" centers to prevent water/ice pooling.

REAR FRAME

Header design with rain channel/drip rail for clearance light protection. Rear frame header gussets and reinforced end plate. (Standard on 18' & longer bodies.) Painted steel threshold with drain holes. Curbside and roadside grab handles.

LIGHTS

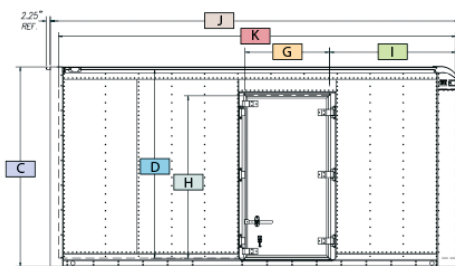
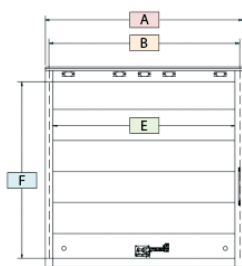
One-piece aluminum top rail with recess to protect clearance lights meet federal requirements, easy maintenance, and sealed wire harness. Interior perimeter wiring without splices.

REAR DOOR

Overhead roll-up rear door.



DIMENSIONAL FEATURES



DIMENSIONAL KEY

A = Overall Width

B = Interior Width (Includes 1/4" Plywood Liner)

C = Exterior Height*

D = Interior Height

E = Rear Door Opening Width

F = Rear Door Opening Height

G = Side Door Opening Width

H = Standard Side Door Opening Height

I = Leading Edge Of Side Door To Inside Front Of Body

J = Exterior Length Of Body**

K = Inside Front Liner To Inside Rear Door Panel

DIMENSIONAL DATA

Body Model	Height and Width Dimensions				Rear Roll-up Door Opening		Side Door Opening Single Panel	
	A	B	C	D	E	F	G	H
GVSD79	96"	92 3/8"	85 3/8"	79 1/8"	88"	73 1/4"	40 11/16"	72 1/4"
GVSD85	96"	92 3/8"	91 3/8"	85 1/8"	88"	79 1/4"	40 11/16"	78 1/4"
GVSD91	96"	92 3/8"	97 3/8"	91 1/8"	88"	85 1/4"	40 11/16"	78 1/4"
GVSD97	96"	92 3/8"	103 3/8"	97 1/8"	88"	91 1/4"	40 11/16"	78 1/4"
GVSD103	96"	92 3/8"	109 3/8"	103 1/8"	88"	95 1/4"	40 11/16"	78 1/4"
GVSD109	96"	92 3/8"	115 3/8"	109 1/8"	88"	103 1/4"	40 11/16"	78 1/4"

Notes: Exterior height includes roof crown but does not include body longitudinals.

BODY LENGTH DIMENSIONS

Normal Length	10'	12'	14'	16'	18'	20'	22'	24'	26'	28'
J**	10' 5 5/8"	12' 5 5/8"	14' 5 5/8"	16' 5 5/8"	18' 5 5/8"	20' 5 5/8"	22' 5 5/8"	24' 5 5/8"	26' 5 5/8"	28' 5 5/8"
K	9' 11 1/2"	11' 11 1/2"	13' 11 1/2"	15' 11 1/2"	17' 11 1/2"	19' 11 1/2"	21' 11 1/2"	23' 11 1/2"	25' 11 1/2"	27' 11 1/2"

Notes: Inside length is based on roll-up rear door and 12" plywood on front end. Add 1 1/2" if body has swing doors. Exterior length is less rear light protector. If body does not have a liftgate or dock bumper, add 2 1/4" to overall length to cover rear light protector

STANDARD SIDE DOOR LOCATIONS

	Body Length									
	10'	12'	14'	16'	18'	20'	22'	24'	26'	28'
I	29 7/32"			61 7/32"						

Note: Foremost location of side door is 19 7/32" from inside front wall. Door can be moved fore and aft of standard location on 2" increments only. Door location does not include front liner. Deduct thickness of liner as required.

POPULAR OPTIONS

- » 102" Wide Body
- » Various Rear Finishes, Bumpers, Fixed and Fold-Out Steps
- » Wheel Boxes
- » Tandem Reinforcement
- » Various Overhead or Panel-Style Rear and Side Doors
- » Interior Wall Cargo-Restraint Systems, Tie Rings, E-Track, F-Track
- » Various Floor Cargo-Restraint Systems, D-Rings, Bull Rings and Stake Pockets
- » Laminated Hardwood and Steel Diamond Plate Floors
- » Solid Hardwood, Hardwood, Steel, Aluminum, Plastic, and Glassboard Scuffs
- » Translucent Roof
- » Additional Crossmembers
- » Stainless Steel Front Corner and Top Radii
- » Various Interior Liners
- » Loadholder Track - Floor and Ceiling
- » Tubular, Air Freight and Stainless Steel Rear Frames
- » Variety of Liftgates and Walk Ramps
- » Various Shelving Configurations
- » Interior/Exterior Lighting Options
- » Maximizer Side Door, Swing, Roll-Up and Sliding with Recessed Stepwell
- » Reinforced Front End
- » Floor and Liner Varnish
- » Insulation Package – For Temperature Protection
- » Rubber Bumper Blocks
- » Rear Ramp-Door Combo



CALCULATED WEIGHT (LBS)

Body Model	Body Length									
	10'	12'	14'	16'	18'	20'	22'	24'	26'	28'
GVSD79	1646	1838	2021	2193	2538	2727	2939	3130	3341	3529
GVSD85	1700	1895	2082	2257	2608	2801	3016	3111	3426	3617
GVSD91	1739	1938	2147	2305	2662	2858	3078	3275	3496	3687
GVSD97	1797	1998	2191	2374	2737	2936	3159	3361	3585	3782
GVSD103	-	-	2237	2423	2792	2995	3223	3428	3655	3855
GVSD109	-	-	2293	2481	2857	3063	3295	3504	3735	3939

Note: Weight is calculated weight based on typical GVSD. Actual weight may vary.

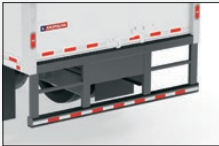
REAR FINISHES



Standard ICC



Standard ICC with Dock Bumper



ICC with additional Options



Drop Step Bumper



Center Drop Step

REAR DOOR OPTIONS



Single Panel Narrow Opening



2 Panel Narrow Opening



2 Panel Full Opening



3 Panel Full Opening



4 Panel Full Opening



Overhead Rear Door

SIDE DOOR OPTIONS



Single Opening



Double Opening



Single Roll-Up Door



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Products as shown may include optional equipment that is not part of the standard Morgan Truck Body configuration. Some product images may differ from current configurations and may not be available as depicted at the time of your order. NOTE: All dimensions, weights, and measurements specified herein are subject to Morgan's manufacturing tolerances, may change without notice, and may vary depending on options selected. Please contact your Morgan Representative for available options, complete up-to-date specifications and for measurements for your particular truck body and chassis specifications.
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