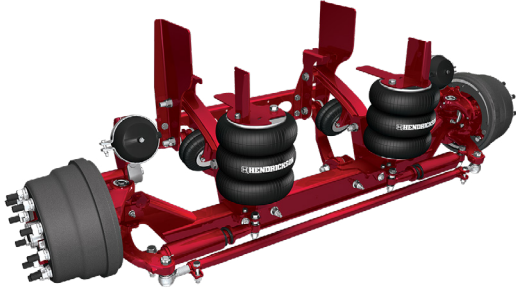



HENDRICKSON LIFT AXLE ORDERING GUIDE: COMPOSILITE® EXS TRUCK, 8K/10K/13K (STEERABLE)

This ORDERING GUIDE is intended to assist you in the selection of Hendrickson COMPOSILITE® EX Lift Axles for Truck (8K/10K/13K, Steerable). For comprehensive information on other available Hendrickson models, options and pricing, contact HENDRICKSON CUSTOMER SERVICE at 800.660.2829 (US and Canada) or liftaxle@hendrickson-intl.com. Your Hendrickson Customer Service Representative can help you complete this form.

Company:	Name:	Telephone:
Email:	Fax:	Location:

STEP 1: Please select the required **MOUNTING TYPE/AXLE CAPACITY:**

Standard	Roll-Off
	
<p>8K 10K 13K</p>	<p>8K 10K 13K</p>

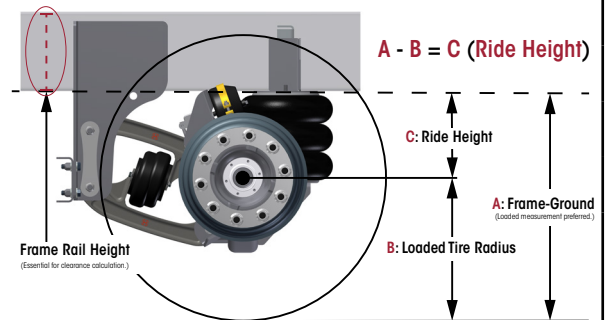
STEP 2: Please select the required **BRAKE TYPE:**

Drum Brakes	Bendix ADB22x Air Disc Brakes
-------------	-------------------------------

STEP 3a: Essential **RIDE HEIGHT** information:

Steps 3b and 3c that follow this step are **CRITICAL** for determining proper ride height and to select the right suspension for your vehicle and your operating conditions.

Please refer to the graphic to the right and answer **ALL** of the questions in Step 3b and Step 3c:



STEP 3b To calculate **Ride Height**, please provide us with all of the following information:

Vehicle's Primary Suspension Type:	Air Ride	Chalmers	HAULMAX®	Mechanical: M-Ride	or T-Ride	or Other
Provide one : "loaded" is preferred. (bottom of rail to ground at axle location):	Loaded:		Unloaded:			
Preferred Tire Size:						

Notes: *Frame Rail Height is used in the calculation to assure proper tire clearance in relation to the vehicle's body, trailer bed, etc.

STEP 3c	To verify Clearance for your application, please provide us with the following information:		
	Frame rail height:	Is this a "Pusher application (lift axle in front of drive axle)?:	YES NO
	At axle location, bottom of frame rail to bottom of fully articulated driveline* :		
Notes:	*For this it is necessary to lift the rear tandem axle until the front tandem axle is lifted off the ground to measure the driveline's farthest distance from the frame.		

Step 4:	Please Select FRAME WIDTH/ADJUSTABILITY Options (Select One):		
	33.5" Frame Width	34.0" Frame Width	34.5" Frame Width
	Adjustable built to 34.0" with included spacers for full range from 33.5" to 34.5". Also includes ride-height spacers.		

Step 5:	Please Select WHEEL-END (Hub & Drum) options:			
See Page 4!	Do you require WHEEL ENDS?	YES	NO	If you selected "No", go directly to Step 7.
	Do you require ABS READY?*	YES	NO	*ABS sensor NOT included. ABS Sensor Kit part #: 008245-1
	Hub material (select one):	DUCTILE IRON	AUSTEMPERED DUCTILE IRON	ALUMINUM

Step 6:	Please Select HUB OPTIONS (select only one):		
	Oil 80w/90		
	Oil 75w/90 (Synthetic)		
	Semi-Fluid Grease (Required for 8K and 10K wheel ends.)		

Step 7:	Please select an option for DUST SHIELDS :	
	DUST SHIELDS INSTALLED	NO DUST SHIELDS

Step 8:	Please select an option for LOCK-STRAIGHT :	
	Lock-Straight Components INSTALLED	Lock-Straight Components <u>NOT</u> INCLUDED
Notes:	All COMPOSILITE EXS axles are shipped Lock-Straight ready. A bolt-on Lock-Straight kit can be added at any time.	

Step 9:	Please select an option for BRAKE CHAMBERS :	
	Drum Brakes	Air-Disc Brakes
	TYPE 20, 2.25-INCH STROKE BRAKE CHAMBERS (Recommended)	TYPE 14 BRAKE CHAMBERS (Required)
	TYPE 20L, 2.50-INCH STROKE BRAKE CHAMBERS	
	TYPE 16, 2.25-INCH STROKE BRAKE CHAMBERS	
	TYPE 20-24, 2.50-INCH STROKE BRAKE CHAMBERS	
	NO BRAKE CHAMBERS	

Step 10:	Please select a Pre-Plumb option:	
	Not pre-plumbed	Pre-plumbed with <u>no</u> tank; brake lines only
	Pre-plumbed with tank	Pre-plumbed with air-line kit

Step 11:Please select options for **AIR CONTROL KIT SPECIFICATIONS:****SELECT CONTROL MOUNTING STYLE (CHOOSE ONE OPTION):**

Inside cab

Outside on Frame

Maryland Spec.

No Control Requested

IF OUTSIDE ON FRAME (CHOOSE ONE OPTION):

Steel Box

Composite Box

IF LOCK-STRAIGHT OPTION SELECTED (CHOOSE ONE OPTION):

Lift & Lock Straight Reverse

Down & Lock in Reverse

NOTES:

If you have an application or requirement not covered by Ordering Guide H827, please explain below; a Hendrickson Technical Support representative will contact you shortly.



HENDRICKSON

The World Rides On Us®

Important Information for Hendrickson Customers:

Wheel-End & Hub Options: Any lift axle and suspension system's weight rating is limited by the lowest rating of any constituent component installed into or onto that system. The tire and rim specifications, orientation and load location can also affect the rating of the hubs and hence the axle and suspension system rating as a whole. It is the installer's responsibility to ensure that the axle and suspension system rating (which may be reduced, as indicated above) is not exceeded. Failure to do this can result in damage to the axle and suspension system. A particular concern is the possible "de-rating" of suspension capacity when using offset (dished-out or dished-in) wheels, a situation that can put an excessive load on the bearings and spindle, which can lead to reduced service life and mechanical failures. When utilizing hubs, wheels or bearings not supplied by or recommended by Hendrickson or when replacing Hendrickson-supplied hubs and/or bearings with components not supplied by Hendrickson, it is the buyer's responsibility to consult with the suppliers of those components and all associated supplier literature to assure that the rated capacity of the axle and suspension system or its sub-assemblies will not be exceeded.

Hendrickson Customer Service: If you have questions about this Ordering Guide or the **EXS Steerable Lift Axle** for trailer applications, please contact Hendrickson Technical Services by phone 800.660.2829 or e-mail: liftaxletech@hendrickson-intl.com.

Hendrickson Genuine Parts: For long service life and optimal performance, use only **Hendrickson Genuine Parts** when servicing your lift-axle suspensions system.

Actual product performance may vary depending upon vehicle configuration, operation, service and other factors.

All applications must comply with applicable Hendrickson specifications and must be approved by the respective vehicle manufacturer with the vehicle in its original, as-built configuration. Contact Hendrickson for additional details regarding specifications, applications, capacities, and operation, service and maintenance instructions.

Call Hendrickson at 800.660.2829 or 800.668.5360 in Canada for additional information.



www.hendrickson-intl.com

H827 REV E 10-20

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**SPECIALTY PRODUCTS -
AUXILIARY AXLE Systems**

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