

Dimensions and Deck Type

	4000AE	4000S	DROP DECK	TAUTLINER
Gross vehicle weight rating (GVWR)				
73,000 lb	✓	✓	✓	—
65,000 lb	—	—	—	✓
Payload capacity				
55,000 lb evenly distributed	—	—	—	✓
80,000 lb evenly distributed mainbeam	✓	✓	✓	—
Overall length				
48' 0"	✓	✓	✓	✓
Overall height				
59 $\frac{5}{8}$ " front deck height on 47" height 5th wheel	—	—	✓	—
13' 6" on 48" height 5th wheel	—	—	—	✓
58 $\frac{3}{4}$ " on 47" height 5th wheel	✓	✓	—	—
Overall width				
102"	✓	✓	✓	✓
Deck type				
21" drop with 11' 0" front deck and 40 $\frac{1}{4}$ " rear deck height	—	—	✓	—
Straight	✓	✓	—	✓

Front Subframe

	4000AE	4000S [™]	DROP DECK	TAUTLINER [®]
Approach plate				
¼" steel, 39" wide, front 9" tapered up 3"	–	✓	–	–
¼" steel, 45" wide, front 9" tapered up 3"	✓	–	✓	✓
Kingpin location				
37" from front	–	–	–	✓
30" from front	✓	✓	✓	–
Kingpin plate				
Integral with approach plate	✓	✓	✓	✓
Kingpin type				
AAR hardness cruciform	✓	✓	✓	✓
Run up members				
4 steel angles	✓	✓	✓	✓
Front wall attachment				
2 mounting beams to anchor tautliner front wall	–	–	–	✓

Support Leg and Assembly

	4000AE	4000S [®]	DROP DECK	TAUTLINER [®]
Support legs				
Jost [®] model A400 square 2-speed steel crank type	✓	✓	✓	✓
Support leg location				
120" from leading edge of front rail to center line of support legs	—	—	✓	—
140" from leading edge of front rail to center line of support legs	✓	✓	—	✓
Support leg shoe type				
10" × 10" hinged square sand shoe	✓	✓	✓	✓
Support leg bracing				
Aluminum tube bracing	✓	—	—	—
2" × 2" bolt-on steel angle bracing with horizontal steel angle between legs	—	✓	—	✓
Support leg crank location				
Roadside of support legs	✓	✓	✓	✓

Crossmembers and Rails

	4000AE	4000S	DROP DECK	TAUTLINER
Coil reinforcing				
Reinforcing for single 47,000 lb coil operation with 3 pairs of outriggers	✓	—	—	—
Coil package reinforcement				
4" tapered end crossmembers in coil reinforcing area	✓	—	—	—
Side pockets				
7 ga. high strength steel outside-type pockets	—	✓	—	—
¼" extruded aluminum outside-type pockets on 24" center line	✓	—	✓	—
Crossmembers				
3" steel I-beam crossmembers on 16" center line full length; rearmost 3 crossmembers on 12" center line	—	—	—	✓
3" steel I-beam crossmembers on 12" center line full length, 28" center line over tires	—	—	✓	—
3" steel I-beam crossmembers on 12" center line full length	—	✓	—	—
3" aluminum I-beam crossmembers on 16" center line full length; (9) 4" tapered aluminum crossbars on 8" center lines	✓	—	—	—
Front gooseneck depth				
8⅝"	—	—	—	✓
12⅝"	—	—	✓	—
11¼"	—	✓	—	—
11⅜"	✓	—	—	—
Front pockets				
7 ga. high strength steel outside-type pockets	—	✓	—	—
¼" extruded aluminum outside-type pockets	—	—	✓	—
Front rail				
Carbon steel bolt-on with stainless steel front corners	—	✓	—	✓
Aluminum with stainless steel front corners	✓	—	✓	—

4000AE**4000S[®]****DROP DECK****TAUTLINER[®]****Outriggers**

5 aluminum tube outriggers each side in deep portion of beam	-	-	✓	-
3 steel tube outriggers each side	-	✓	-	-
3 aluminum tube outriggers each side	✓	-	-	✓

Pipe spools

Steel on 24" center line centered between pockets	-	✓	-	-
Extruded aluminum on 24" center line centered between pockets	✓	-	-	-

Rear pockets

1/4" extruded aluminum outside-type pockets	-	-	✓	-
Steel outside-type pockets	-	✓	-	-

Rear rail

Carbon steel bolt-on	-	✓	-	-
Extruded aluminum	✓	-	✓	-

Side rail

4 7/16" 7 ga. high strength steel bolt-on	-	✓	-	-
5 5/8" deep extruded aluminum with integral sliding winch track on each side	✓	-	✓	✓

Rub rail

1/4" x 3" high strength steel	-	✓	-	-
3/8" x 3" extruded aluminum with recess for conspicuity tape	✓	-	✓	-

Frame web

22" deep 7 ga. steel 60,000 psi one-piece	-	-	✓	-
25 1/4" deep 7 ga. steel 60,000 psi one-piece	✓	✓	-	✓

Bottom flange

5/8" x 4" high strength steel 80,000 psi	-	-	✓	-
1/2" x 4" high strength steel 80,000 psi	✓	✓	-	✓

Top flange

1/4" x 6 1/2" high strength steel 80,000 psi formed channel	-	✓	-	-
7 ga. hat section 80,000 psi high strength steel	✓	-	✓	✓

Rear Subframe

	4000AE	4000S[®]	DROP DECK	TAUTLINER[®]
Rear subframe type				
Binkley spring suspension/Z-frame slider system with full slider range	—	—	—	✓
Rubber dock bumpers				
(2) 3½" bumpers mounted on rear rail	✓	✓	✓	✓
Vertical and horizontal dock bumper				
"Wheels back"	✓	—	—	—
D.O.T. high strength steel vertical with non-slip horizontal	—	✓	✓	✓

Suspension, Axles and Actuation

	4000AE	4000S	DROP DECK	TAUTLINER
Hendrickson air ride system with integral axles				
Hendrickson® AANL 23K INTRAAX air ride with LDA axles and 121" axle spacing	–	–	✓	–
Hendrickson® AANT 23K INTRAAX air ride with LDA axles and 121" axle spacing	✓	–	–	–
Spring suspension				
SAF Holland SP9000 Series Duralite with 49" axle spacing	–	✓	–	✓
Fixed air ride suspension location				
90½" center line to rear 121" spread	✓	–	–	–
Fixed spring suspension location				
96" center line to rear	–	–	✓	–
94" center line to rear	–	✓	–	–
Slider suspension location				
69" rear, 159" forward for 90" of slider travel	–	–	–	✓
Slack adjusters				
Bendix® Versajust® automatic	✓	✓	✓	✓
Springs				
3 leaf steel	–	✓	–	✓
Air actuation system				
1 tank with spring brakes	✓	✓	✓	✓
Air brake chambers				
Bendix® Eversure® 3030	✓	✓	✓	✓
Anti-lock brake system (ABS)				
Bendix® TABS-6 2S/1M	✓	✓	✓	✓
Axle manufacturer				
Hendrickson® N-spindle type	✓	–	✓	✓
Factory choice N-spindle type	–	✓	–	–
Axle spindle nuts				
Hendrickson® precision	✓	✓	✓	✓

4000AE**4000S****DROP DECK****TAUTLINER**

Brake lining style

Hendrickson® HXS brake lining style



Hub piloted system with outboard drums

10 stud system for 16½" × 7" brakes



Hubcaps

Federal-Mogul "non-vented"



Oil seals

Federal-Mogul 5 star oil seal with 5-year warranty



Wheel bearing lubrication

Mobilube HD Plus 80W-90 oil



Wheel bearings

General bearings (cones) and races (cups)



Front Wall

	4000AE	4000S	DROP DECK	TAUTLINER
Front panels				
.050" pre-painted white aluminum	—	—	—	✓
Front wall posts				
2" extruded aluminum Zee	—	—	—	✓
Front corner post				
7 ga. formed steel	—	—	—	✓
Curtain tensioner assembly				
V-shaped furling spool mounted above a ratchet base and lock at front	—	—	—	✓

Side Wall

	4000AE	4000S [®]	DROP DECK	TAUTLINER [®]
Curtain color				
White	–	–	–	✓
Curtain material				
Cross-linked rip stop polyester lacquer-coated PVC	–	–	–	✓
Curtain rollers				
Nylon roller above each vertical tensioning strap	–	–	–	✓
Curtain wearbands				
10" high double-thick curtain	–	–	–	✓
Vertical tensioning strap				
1¾" wide nylon on 24" center line (each strap is rated at 2,500 lb)	–	–	–	✓
Curtain tubes				
¾" galvanized pipe sleeved into front and rear of curtain	–	–	–	✓
Side posts				
Top angle bracket style removable posts on each side	–	–	–	✓

Roof

	4000AE	4000S	DROP DECK	TAUTLINER
Roof skin				
.040" one-piece aluminum coil	-	-	-	✓
Roof bows				
1½" extruded aluminum hat-shaped bows on 24" center line	-	-	-	✓
Top rails				
Extruded aluminum combination roof rail and curtain track	-	-	-	✓
Pelmet				
Heavy-duty rubber	-	-	-	✓

Rear Case and Doors

	4000AE	4000S	DROP DECK	TAUTLINER
Rear case & buckplate material				
Carbon steel	-	-	-	✓
Rear case corner posts & header				
Quick release posts	-	-	-	✓
Rear door hinges				
4 per door	-	-	-	✓
Holdbacks				
Snap type on rear door	-	-	-	✓
Rear door lock rods				
1 per door	-	-	-	✓
Rear door panels				
¼" ply metal with pre-painted white exterior panels and galvanized steel interior door panels	-	-	-	✓

Floors

	4000AE	4000S [®]	DROP DECK	TAUTLINER [®]
Floor type				
1½" dimensional shiplap hardwood floor	–	✓	–	–
1½" extruded aluminum flat top floor with hardwood nail strips by side rails (2)	✓	–	✓	✓
Floor joint sealant				
Caulking applied prior to assembly between aluminum planks and wood nailers	✓	–	✓	✓

Lining

	4000AE	4000S	DROP DECK	TAUTLINER
Front wall lining 1/4" exterior grade plywood	-	-	-	✓

Electrical

	4000AE	4000S [®]	DROP DECK	TAUTLINER [®]
Electrical receptacle				
7-way without circuit breakers	✓	✓	✓	—
Main harness				
Utility moisture-resistant 6-wire harness with internal ground and 7-way plug	✓	✓	✓	—
Clearance lights quantity				
1 top front corner diagonal (each side), 1 center of trailer (each side), 1 rear corner gusset (each side), 3 at rear	✓	✓	—	—
Lower clearance lights				
2½" round Grote [®] Ultra Seal 10 type	✓	✓	✓	✓
Side mounted directional light				
Grote [®] Ultra Seal 60 integral with center clearance light	✓	✓	✓	✓
ABS warning light				
Grote [®] Micronova [®] LED PC-rated	✓	—	—	—
Conspicuity tape location				
On rub rail	✓	✓	✓	—

Paint and Finish

	4000AE	4000S	DROP DECK	TAUTLINER
Frame finish				
Utility black enamel with primer undercoat on all steel show surfaces; aluminum parts receive a natural finish	✓	✓	✓	✓
Vertical & horizontal dock bumper finish				
Utility black enamel on horizontal bumper, black scharpf on vertical bumper	✓	✓	✓	✓
Bottom side rail finish				
Natural aluminum	✓	—	✓	✓
Top front & top side rail finish				
Extruded aluminum	—	—	—	✓
Roof exterior finish				
Natural aluminum	—	—	—	✓
Support leg finish				
Rust preventative coating	✓	✓	✓	✓

Miscellaneous

4000AE

4000S

DROP DECK

TAUTLINER

Mudflap type

Plastic anti-sail with Utility logo, mounted with steel reinforcing straps



Tires and Wheels

	4000AE	4000S	DROP DECK	TAUTLINER
22.5" x 8.25" standard width wheels				
Factory choice steel 10 hub-piloted wheels	✓	✓	✓	✓
Tires				
Michelin® 275/80R 22.5 X-Line Energy T 14 Ply, Load Range G	–	–	–	✓
Michelin® 275/80R 22.5 XTE 14 ply, load range G	✓	✓	–	–
BFGoodrich 255/70R 22.5 TR144 R196 14 ply, load range G	–	–	✓	–