

# HALE

## TRAILER

### BRAKE & WHEEL



Flatbed

A028735-A028739

VIN: 469401-469405

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#### GVWR

GVWR:	Trailer to meet 80,000 Pound GVWR
VIN PLATE:	US - VIN Plate to Read in English (Standard)
Product Type:	HT Steel Drop Duralite

#### GEOMETRY

Length - Exterior:	53'-0"
Width - Exterior:	102.36"
Fifth Wheel Height:	47"
King Pin Location:	30"
Landing Gear Location:	90" from King Pin (+ 1"/-1/4")
Duralite Front Deck Height:	59-1/4" ( $\pm 1/2"$ )
Duralite Rear Deck Height:	41" ( $\pm 1/2"$ )
Duralite Drop Upper Deck:	11'
Duralite Drop Deck Height:	20"
Duralite Rack Height:	3.5" ( $\pm 1/4"$ )

#### TIRES & WHEELS

Tire Furnished:	Factory Furnished
* Tire Manufacturer:	Double Coin FT105
Tire Size:	255/70R22.5
Wheel Furnish:	Factory Furnished
Wheel Material:	All Steel Wheel
Wheel Manufacturer:	HT Standard (TCC 361)
Wheel Size:	8.25 x 22.5, 5-Hand Hole (Steel, Inner & Outer)
Wheel Finish for Steel:	Powder Coated White Steel Disc
Tire Stem Valve Position:	Dual Wheel Steel / Aluminum / Combo (STD 180°outboard & straight inboard)
Wheel Finish for Aluminum:	None (Due to All Steel Wheel Application)
Valve Stem & Cap:	Valve Stem & Metal Dome Cap

#### UPPER COUPLER

* Approach Plate:	3/8" thick 50,000 Lb Yield (Duralite)
King Pin & Manufacturer:	Standard (Jost) AAR Cruciform King Pin

#### DURALITE OPTIONS

* Cross Members:	4" Steel I-Beams (80,000 PSI) : 12" C/L & 8" C/L @Middle 10' of Trailer Bay Area (Coil Package)
Main Web:	1/4" Thick@Front Deck/LG. 3/16" Thick@Lower Deck, Welded One Piece Type (100 KSI Domex)
Top Flange:	3/8" Thick, 100 KSI Domex, 5" Wide One Piece Type
Bottom Flange:	1/2" Thick, 100 KSI Domex, 5" Wide One Piece Type
Gusset Type:	Pipe Type
Gusset Specification:	(5) on Each Side
Front Sill:	HT Standard 3/16" Steel
Rear Sill:	HT Standard 3/16" Steel
Side Rail:	HT Standard Steel Channel
Side Stake Pockets:	24" Centers on Each Side (STD)
Side Pipe Spools:	Double Spools between Stake Pockets (STD)
Side Rub Rail:	1/4" Thick, 3" Rails on Both Sides

Winch Rail:	Aluminum Winch Rail for Sliding Winches OR Combination (SLD+ FIX) Winches
* Winches:	Sliding Steel Winches, (7) on Each Side
Sliding Winch Stoppers:	Stoppers at Front and Rear and Preventing Winch Travel Over Tires
Fastener Options:	Standard Fasteners

#### **FLOOR**

Duralite Floor Specification:	1-5/16" Apitong Wood Floor (Steel STD)
Floor Screws:	HT Duralite Standard (2 Screws Per Board on I-beams)

#### **FRONT**

Gladhands:	Phillips Qwik-E with Filters Control Line Only. Overlaid Straight Type
Front Receptacle(7-Way):	HT Duralite Standard (Phillips 7-Way Integrated with Main Harness)
Gladhand/7-Way Location:	(Interior Harness Routing) Overlaid on Lower Centerline Front

#### **REAR**

Rear Underride Guard:	4" Tube Bolt on Assembly w/ Bolt on Perforated(Poched) Horizontal
* Dock Bumper:	Pair Heavy Duty Dock Bumper (Ref. Buyers B4500)
Rubber Bumper Location:	HT Duralite Standard Location

#### **LANDING GEAR**

* L/Gear Spec.:	Jost HT420 5 Year Warranty Full HDG (For Duralite)
L/Gear Shoes:	10" X 10" X 4" Sand Shoe (HT Duralite STD)
L/Gear Crank Handle:	Roadside
** L/Gear Cross Brace Design:	Landing gear supported from each angle (front /back/ side to side).

#### **RUNNING GEAR**

* Bogie Type:	Fixed Tandem(2) Axle Bogie
* Axle Spacing:	121" Axle Spacing (121" Axle Spread)
Axle ABS System:	Tandem Axle w/4S2M ABS System
** Duralite Bogie & Axle Location:	Customer to advise
Susp. Manufacturer:	Hendrickson
Suspension Capacity:	Standard Duty
* Duralite Susp. Specification:	Hendrickson AAL23K Air Ride (Single Fixed Low Height)
Surelok (Anti-Dock):	No Surelok (No Anti-Dock)
** Susp. Dump Valve:	Customer to advise
* Locking Pin Mechanism:	None (For Single Axle or Fixed Suspension Application)
Type of Susp Spring:	Air Bag
Spring Specification:	Air Bag
Axle Supplier:	Hendrickson
Axle-General Spec.:	Axle - Tandem (2) Axle included in Suspension (For 4S2M System)
Axle-Track Length:	77-1/2"
Axle-Spindle Type:	Parallel Spindle
Brake Lining Size:	16.5" X 7" Drum Brakes
Brake Lining Spec.:	Hendrickson Extended Service (Abex-3030-197)
* Brake Control System:	4S/2M Wabco iABS
Spring Brake Control:	Sealco 110500 Springbrake Priority
Drain Valve & Other:	Parker DC604-4 Drain Cock
* Slack Adjuster Spec.:	TSE Slack Adjuster Part # TSE07135S. Auto-5.5#, 28 Spline
Brake Chamber Spec.:	TSE 3030 Tamper Resist (HT standard)
Stroke Length:	MFG's Standard Stroke Length
* Hub Specification:	Conmet 10 Stud Hub Piloted Outboard Iron Hub with Casting 10083939, Parallel Spindle
* Drum Specification:	Conmet Cast Drum
Hub/Drum-Opt(Nut&Other):	Standard
Bearing Specification:	Stemco
Lubrication Spec.:	Chev Delo Gear EP5 80-90 oil
Wheel Seals Spec.:	Stemco Platinum Performance Plus, Discover Seals, Sentinel Hub Cap, Pro-Torq Nut
* Tire Inflation Pressure:	120 PSI

#### **ELECTRICAL**

* Harness-General Spec.:	Molded Color Code Phillips Harness (Sta-Dry) with Locking Device connector
Harness-Special Feature:	Manufacturer's Standard Feature
* ID/Marker Light Spec:	(3) Phillips 3/4" Penny ID / Marker Light
** S/T/Tail Light-Detail Spec:	(6) Phillips 51-HY40202 4" Round STT w/Flange-Red (3 per Side).
* Main Mid-Turn Light-Detail Spec:	(2) Phillips 51-HY60303-0 LED 6.5" Oval MidTurn/Marker - Amber Surface Mount with Stainless Steel Cover Ring 51-60904
* ABS Light Detail Spec:	(1) Phillips 51-HY37323 Amber 3/4" Penny, PC Rated w/anti-theft hardware
* License Light:	(1) Phillips 51-HY37721-0 (Button Style, Clear) with Grommet (19mm Hole Required)
** Option Related Lamps/Harness:	Additional Phillips Marker Penny Light. (2) Each Side, Evenly Spaced Front to Rear (total 4 extra lights).
<b>Comment:</b>	Total (5) lights per side: Front marker, mid-turn, rear side marker, and (2) additional lights

#### **MARKING/DECALS**

Decal Package:	Factory Furnished Hyundai Information & Regulatory Decal Package with FMCSA Specified in Notes
Conspicuity Markings:	Hyundai Standard Conspicuity with Logo Applied to Side Bottom Rail
License Plate:	Temporary For Delivery. Fasten On HDG Mounting Plate
License Plate Brk't Install:	HT DuraLite Standard Location
Furnish Document Holder:	Factory Furnished
Document Holder Detail Spec:	(1) Phillips 16-802
Document Holder/Manifest Loc.:	Overlaid on Lower R/S Front

#### **PAINT/FINISH**

Axle & Components Finish:	Black Undercoating
* Susp. Sub-Frame Finish:	Hot Dip Galvanized (Duralite Fixed Suspension)
L/Gear(K-Bracing) Finish:	Hot Dip Galvanized
* L/Gear(Upper Leg) Finish:	Hot Dip Galvanized
Rear Underride-Finish & Spec.:	Hot Dip Galvanized & Bolted Horizontal Member
Duralite Product Finish:	Hot Dip Galvanized

#### **MISCELLANEOUS**

Mudflap Provider:	Factory Furnished Mudflaps
Mudflap Specification:	24"x24" White Plain Plastic with Hyundai Logo 3/8# thick with Anti-spray ribs

#### **DISCLAIMER**

Specifications are believed to be correct, but may contain errors and/or omissions. Photographs are the representative of the subject equipment but may not be identical.  
Equipment availability, prices and specifications are subject to change without notice.