



OTR#98207-98212

Build Sheet

MODEL: RDD 53' Drop Deck

ITEM ID: 31142

MODEL YEAR:2027

Body Structure

Dimensions: Length 53', Width 102" Front Deck Height 41 1/2" Rear Deck Height 42",

Beams: Web 3/16" GR90 KSI HTS, Flange GR130 KSI 5" x 3/8", 1/2" Under Neck HTS, Robotically Welded. Camber 2.25"

Crossmembers: 4" Super light I Beam 18" Centers on Top Deck, 12" Centers on Lower Deck,

Knee Braces: Steel Tube @ 5'/side

Coupler Assembly 3/8" Plate

Floor: 1-5/16 BC Douglas FIR Shiplap

Side Rails: 6" Cold Rolled Formed Steel Channel

Rub Rail: 2 1/2" x 3/8" Steel Continuous

Kingpin: 18" Inset, 2.0" SAF Holland

Coupler Assembly 3/8" Plate @ 49" Coupler Plate Height

Front Bolster: Formed Front Bolster W/ 4 Integrated Stake Pockets

Rear Bolster: Formed W/ 5 Integrated Stake Pockets

Impact Guard: Weld On, Meets CMVSS

Securement

Stake Pockets: Formed, 24" Centers

Pipe Spools: Double 1 1/2" Pipe Spool Between Stake Pockets

Winches: 27 – Side/Bottom Mount 3 Bar Welded, Staggered Config(First Winch 12" Center From Front, Following 24" Center Spacing)

J-Hooks: Opposite of Winches

Accessory Tie Flat Bar 2 1/2" X 3/8" Steel: N/A

Tarp Rope Hooks: Yes

Axles/Suspension/Tires/Wheels

Suspension: Hendrickson AAL23K Air Ride with 3-23,000lb axles, HP Spindle, 60"-60" Spread -, 8" Ride Height, 77 1/2" Track Width,

Brakes: HXS 16.5" x 7" Shoes, Haldex Auto Slack Adjusters 5.5, Spring Brake Pots 30/30 TSE, Short 28 Spline Cam Bendix TABS-6 ABS (2 Sensors/1 Modulator), Dust Shields

Hubs: Ductile Iron w/Ventless Hub/Vented Axle, Precision 320 Spindle Nut w/Long Studs, HXL5 5-year Wheel End Warranty, Semi Fluid CHEVRON DELO SF

Drums: Cast

Tires: 255/70R22.5 Cooper Roadmaster RM 272(or similar)

Rims: 22.5" x 8.25" Aluminum Better Hi Polish (inner & outer)



Ratings

Distributed Load: 70,000lbs, 20' Concentrated-60,000lbs, 10' Concentrated-51,000lbs, 4' Concentrated-45,000lbs,

GVWR: 38,500kgs

Weight: 14,200Lbs

Data: Meets or Exceeds all Canadian Motor Vehicle Safety Standards

Safety: Reflective 2" Red/White Conspicuity Tape

Systems - Air/Electrical

Control Box: SS W/Liquid Gauge, Sight Window, Manual Dump Valve – Mounted DS Front of Landing Gear

Air System: 3/8" Air Filter In-line For Supply Line, Valve Air Ride Height Control - Hendrickson Akh-238-3, Auto Dump/Inflate

Air Tanks: Steel Tank Air Brake 9.0" - 1488 Cu. In. Small, Tank Air Brake 12.0" - 2850 Cu. In. Large

Lighting: 7 Year Grote Harness System, All LED Lighting, 6 Red Grote 4" Round Stop/Tail/Turn W/Anti-Theft Bezels, 1/Side - Amber - 3/4" Micro Nova Located Front Bolster, 8/Side - Amber - 3/4" Micro Nova Located On Side Rails, 1 - Signal/Marker Per Side, 1/Side - Red - 3/4" Micro Nova Located Rear Side Gusset, 5 Red - 3/4" Micro Nova In Rear Bolster Plate, 1 - License Plate Light,

Auxiliary Power Plug: 2 Pin Plug at Rear Bolster

Components

Document Holder: 1 - Tube Style

Landing Gear: Pair - 62500lb Dual Speed SAF Holland Mark V with Low Pro Sand Shoe

Dock Bumper: 2 - Mounted Rear Bolster

Tow Point: 2 - Rear Web Mounted w/1.5" Hole

Options

Toolbox: Aluminum Box with Barn Doors 24"h x 23"d x 60" 1 Curb Side

Paint: Steel Shot Blasted, PPG Zinc Epoxy Primer Topcoat PPG Urethane Black

Fenders: N/A

Dunnage Rack: 0

Dunnage Basket: 0

Wide Load Pull Out Lights – 4- Aluminum Pullout Wide Load Lights

Steps: N/A

Mudflaps: 24" X 30" X 0.375" - Poly - Renn/Ocean, Aluminum Checkerplate Z-angle Mudflap Hanger, Front Of Landing Gear - 4, Rear – 2

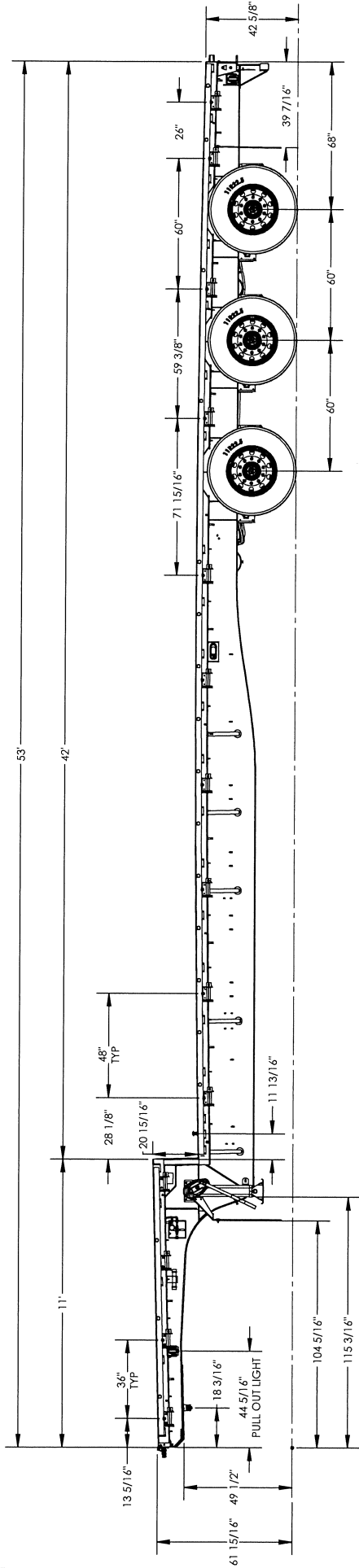
Strobe Lights: 0

Logo Checker Plate Backed with Red Reflector Tape (located below rear bolster: Yes **Logo:** Renn

Logo Checker Plate Backed with Red Reflector Tape (located step transition: No **Logo:** Blank

Tire Chain Carrier Formed: 0





ITEM NAME				SOUTH LAND TRAILERS			
RENN SDD53 - HDSN - BLACK - TBCS - A-RIMS (BTR), 255/70R22.5				SCALE			
REVISION				DATE			
31				2025-09-10			
DESIGNED				DRAWN			
NVP				NVP			
MATERIAL				WEIGHT			
DIRECTOR				1 OF 1			
C:\ControlRoom\RENN\FLATDECK\TOP LEVEL ASSEMBLY SDD53 DROP DECK ASSEMBLY DROP DECK TOP LEVEL ASSEMBLY							

REVISIONS		DATE		APPROVED	
REV.	DESCRIPTION				
00	RELEASED FOR PRODUCTION	2025-10-09		NVP	

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