



Pricing Administration Use Only				
Quote Number	Quote Revision	Shop Order Number	Serial Number(s)	Date
HT-34811.02	02			Form Rev: March 18, 2020

**Customer** Nick Werts  
Werts Welding & Tank Service for stock

**Base Model Part Number** SDX9 5600-1 T304

**Specified Model Description** SDX9 5600-1,T304,12 BBL,10 HDS,0 PSI,125 F,42'6",30" drop

### A. Vessel

#### 1) Design

: SDX9 5600-1, Stainless steel, Deep Drop Double Conical, Exterior ring, Non-code

Code: Non-code

Capacity: 5600 gallons (shell full)

Compartments: One

Shape: 30" Deep Drop Double Conical

Shell Material: T304 Stainless steel, 12 gauge. Two piece barrel with one circumferential weld.

Head Material: T304 Stainless steel, 10 gauge

Operating Pressure: Atmospheric

Design Temperature: 125 Degrees F.

Overall Length: 42' 6"

Product: Various; to be compatible with the materials of construction.

### B. Construction

#### 1) Rings and Longerons

Rings: Stainless steel channel

Longerons: Stainless steel channel

#### 2) Frame

: Stainless steel

#### 3) Dam

: Non-code, Stainless steel construction

Dam Drains: 1-1/2" polyethylene hoses, each side

Overturn Protection: None

#### 4) Cleanout overturns

: None

#### 5) Manhole

: Girard 20" T316 stainless steel cover, four hold-down, 10 PSI with manhole stop.

Gasket: White hypalon gasket in cover

#### 6) Fill

: None

#### 7) Splash deflector

: None

**8) Insulation**

: None

**9) Thermometer**

: None

**10) Capacity indicator**

: None

**11) Static cable**

: No static cables installed.

**C. Other Barrel Information**

**1) Baffles**

: 2 10 gauge T304 stainless steel full circle, flanged

**2) Weld finish**

: W-0 inside

**D. Venting and cleanouts**

**1) Venting**

: \* 3" free breathing with elbow and splash deflector

Vacuum: Betts, 6460SSV-239, pressure / vacuum, mounted in cover

Pressure package: None

**2) Cleanouts**

: 2 3" stainless steel threaded nozzle

Caps: 2 3" T316 solid cap

**E. Valving and Piping**

**1) Seal provisions**

: None

**2) Sump**

: 4" stainless steel drain pocket

**3) Emergency Valve**

: None

**4) Emergency Valve Operator**

: None

**5) Pipe**

: 4" 90 degree flange stainless steel elbow attached to sump with 4" stainless steel spool piece between elbow and outlet valve.

: \* 4" stainless steel tee in discharge piping. 4" X 3" reducer, ending with a flange facing forward.

Discharge location: Curbside of trailer.

**6) Outlet valve**

: \* One (1) 4" BTI PV series butterfly valve with Aluminum body, Stainless steel disc, and Viton B seat. 4-PVS-VB-SS-H10 installed on discharge line ending in 4" thread.



### 7) Adaptor

: 4" stainless steel male adaptor.

### 8) Cap

: 4" stainless steel dust cap

## F. Walkway and Ladder

### 1) Walkway

Top center: None

### 2) Ladder

: Stainless steel tubular with grip steps and large platform step, bolt on

Ladder Location: Mounted curbside

## G. Cabinet

### 1) Cabinet

: None. No Cabinet installed.

## H. Hose Carriers

### 1) Hose Carrier

: \* Stainless steel trough 4" high x 10" wide x 21' long

Carrier Location: \* Mounted curbside rear

## I. Lights and Wiring

### 1) Lights

: 12-volt, Truck-Lite grommet mount LED lamp system complying to FMVSS.  
Combination center marker / turn signals, one each side.

### 2) Wiring

: Plug-in style harness system.

### 3) Rear Lights

: Enclosed in stainless steel light boxes

### 4) Nose box

: Standard 7 way, J560 receptacle without circuit breakers.

## J. Overfill system

### 1) Overfill system

: None

## K. Pump System

### 1) Hydraulic Lines

: None

### 2) Platform

: \* Stainless steel, 18" x 38", at supports

### 3) Meter

: None



## L. Chassis

### 1) Upper 5th Wheel

: 5/16" Heavy duty with A.A.R. style double hubbed kingpin.  
Paint: Fifth wheel plate painted black.

### 2) Landing Gear

: SAF Holland Atlas 55, 2-speed, load bearing, sealed gear box, 55,000 lbs. rated lift capacity with 10"x10" swivel type sand shoes. Black Armour coating. No Lube, 5 year Warranty.  
Frame: Stainless steel construction  
Bracing: Stainless steel, with cross brace.  
Crank location: Crank handle located on roadside  
Tire carrier: None.

### 3) Suspension

: Hendrickson Intraax AANT23K, tandem axle with standard 49" axle spacing. 5.75" diameter Hendrickson integrated axles.  
Hangers: Stainless Steel hangers with soft coat applied to axle and trailing arm. (Weld-on suspension only)  
Dump valve: AK-54 automatic dump valve (system exhausts the air from the air bags when the glad-hands are disconnected or when the parking brake is activated and automatically refills when glad-hands are reconnected).  
: \* Meritor Automated Lift Axle System, mounted on front suspension (unless stated otherwise). Auto load sensor raises and lowers lift axle when loading or unloading. Includes manual over-ride. Includes lift suspension unless otherwise noted.  
Subframe: 3/16" stainless steel, with stainless steel fender supports.  
Bumper: Non-code, stainless steel, bolt-on, (no under ride required, Wheels back exempt.)  
Under-ride Protection: See bumper.

### 4) Axles

Beam: Straight  
Track: 71-1/2" track  
Spindle: OEM Standard P spindles (parallel) same inner and outer bearing  
Wheel seals: OEM Standard  
Hub & drums: Ready to Roll, Dura-light Hub with Cast Drum.  
Miscellaneous: None

### 5) Brakes

: OEM Standard  
Anti-lock / Roll stability: \* Wabco 4S/2M. Standard roll stability system deleted, per customer request. Wired to auxiliary blue circuit.  
Brake chambers: OEM Standard - Long stroke  
Brake lining: OEM Standard Extended service, non-asbestos  
Slack adjusters: OEM automatic slack adjuster.  
Valves: OEM Standard  
Gladhands: Gladhand, Phillips, Quick Release  
Air system: One aluminum tank system. 2800 cu. in. each meeting FMVSS 121 D.O.T. specifications.



## 6) Emission Compliance

: NA

## 7) Wheels

: Alcoa Ultra One with clean buff finish, 22.5 x 8.25 aluminum.

## 8) Tires

: 11R-22.5 Cooper RM120, 14-ply. GHG2 CY 2020. CRR 5.8

## 9) Fenders

Front: Aluminum, single contour, ribbed, front fender, each side.

Rear: Aluminum, double contour, ribbed, rear fender, each side.

## 10) Mud flaps

: \* White with Heil logo. Front and rear, HEIL, anti-sail, anti-spray flaps.

## M. Miscellaneous

### 1) Decals

: Standard warning and safety package. Decals in English.

### 2) Conspicuity Tape

: Discontinuous tape

### 3) Customer Logo

: None

### 4) Document holder

: Truck Lite 97960 Certificate Holder. Install in standard location unless otherwise specified.

### 5) Calibration

: Computer generated theoretical calibration chart, 1/4" increments. Based on innage.

### 6) Placards

: None

### 7) Paint

: \* None. No paint installed on trailer.

### 8) Passivate

: None

### 9) Warranty

: \* Heil Trailer Silver Warranty Package.

### 10) Tests

: Standard testing.

### 11) Drawings

: None.