

Exceptional Design

- *Patented* dual manwayhousing
- Easy access to tank interior
- Interstitial sight gauge to prevent potential spillage

Safety & Quality

- Integrated safety stairway eliminates the need for workers to get on top of the tank
- Grip Strut steps prevent slipping
- 101+ point quality control checklist delivers the best-in-class product

Cost Savings

- V bottom floor
- Smooth wall interior
- No corrugations or internal rods
- Easy-to-clean design reduces overall costs and increases tank life



SPECIFICATIONS

Weights & Measures	DW-452	Tests Performed	Std	Warranty	Std
Tank length (front nose to rear)	46' - 0" 37' - 0" (tank body)	Hydrostatic water test	•	1-year structural	•
Tank width (outside)	8' - 6" (outside) 7' - 2 1/2" (inside)	Electrical function test	•	6-months coating	•
Tank height (grade to roof deck)	9' - 6" 8' - 6" (wall)	Brake system test	•		
Weight (lbs.)	37,500				
Capacity (BBLs)	450 (entire tank capacity) 390 (actual fluid capacity)				

OPTIONS & FEATURES: DW-452

TANK OPTIONS	Qty	Std	Opt
DESIGN FEATURES			
Manway: 22" diameter, low profile, top Buna-N gasket	1	●	
Dual manway housing: Patented 36" diameter manway exterior x 22" diameter interior with Buna-N gasket	1	●	
Relief valve: 16 oz./in2 pressure setting, 0.4 oz./in2 vacuum setting, Buna-N seal	1	●	
Front drain: 4" - 150# flanged with butterfly valve	1	●	
Front aux port: 4" - 150# flanged with butterfly valve	1	●	
Rear drain: 4" - 150# flanged with butterfly valve	1	●	
Interstitial drain: 2" threaded with plug (front & rear)	2	●	
Interstitial test port: 2" threaded with sight glass front	1	●	
Front feed port: 4" - 150# flanged with plug	1	●	
Roof connections: Vapor recovery: 4" - 150# threaded flange & plug. Aux. port: 4" - 150# threaded flange & plug. Gauging port: 2" threaded with sight glass.	3	●	
Rear connections: Aux. port: 4" - 150# threaded flange & plug	1	●	
Front stairway: 24" bolt-on with landing (OSHA compliant)	1	●	
Rear stairway: 24" access to rear platform with fold-up ladder	1	●	
Axle: 77 1/2" track/22,500# capacity/5" rd	1	●	
Suspension: Spring, 3-leaf, high arch flange mount hangers/3/4" seat 22,500# capacity	1	●	
Tires: 11R22.5/14-ply	4	●	
Wheels: Steel/hub-piloted	1	●	
ADDITIONAL SAFETY FEATURES			
Safety walkway eliminates need for workers to get on top of tank	1	●	
Grip Strut steps to prevent slipping	1	●	
Handrails/stairways painted safety yellow for high visibility	1	●	
Safe Operation reminder decals applied	1	●	
Attached strapping charts	1	●	

DESIGN FEATURES	Qty	Std	Opt
STRUCTURAL DESIGN			
Exterior floor: 1/4" thick ASTM A36 carbon steel (V-bottom)	1	●	
Interior floor: 1/4" thick ASTM A36 carbon steel	1	●	
Interior sides/ends: 1/4" thick ASTM A36 carbon steel	1	●	
Exterior sides/ends: 1/4" thick ASTM A36 carbon steel	1	●	
Main roof: 1/4" thick ASTM A36 carbon steel	1	●	
Wall posts: 3/16" x 3" x 6" ASTM A36 formed ch.	2	●	
Roof members: 3" structural channel	1	●	
PAINT SPECIFICATIONS			
Interior blast: SSPC-SP-10/Near White	1	●	
Interior coating: Carboline Phenoline 310 (100% solids) High Performance Epoxy Coating 20-30 Mils D.F.T.	1	●	
Exterior blast: SSPC-SP-6/Commercial	1	●	
Exterior coating: Carboline Carbothane 8812/8845 DTM High Gloss Polyurethane 3-5 Mils D.F.T.	1	●	
OPTIONS			
Steam coil			●
HD lifting lugs			●
External/internal frac			●
Gel line/jet line			●
Float gauge			●
Feed lines			●
Valves: 4" wafer butterfly valve. Cast iron body, Buna-N seat & seals, 316 SS stem, nylon coated ductile iron disk w/plug & chain.			●
Additional aux. ports/manways			●
ABS brake system			●
D.O.T. light package			●
Custom interior coatings/exterior colors			●

