



## Aboveground Vertical API 650 Tanks

HT-1156

API 650 vertical tanks meet American Petroleum Industries (API) standards in design, material, fabrication, and testing of aboveground welded steel storage tanks for use in industrial applications.

Fabricated to API Standard 650 Welded Tanks for Oil Storage - Annex J Shop Assembled Storage Tanks, these tanks are commonly used at oil and natural gas terminals, processing plants, and midstream facilities located along pipelines at the pumping, compression, or metering stations.

These tanks are used for the storage of:

- Motor Fuels - gasoline, diesel, aviation fuel, bio-fuels, and more
- Oils, Lubricants, Base Oils, and Additives
- Asphalt Emulsions and Polymers
- Chemicals, Fertilizer and Farm Chemicals
- Water, Wastewater and Produced Water

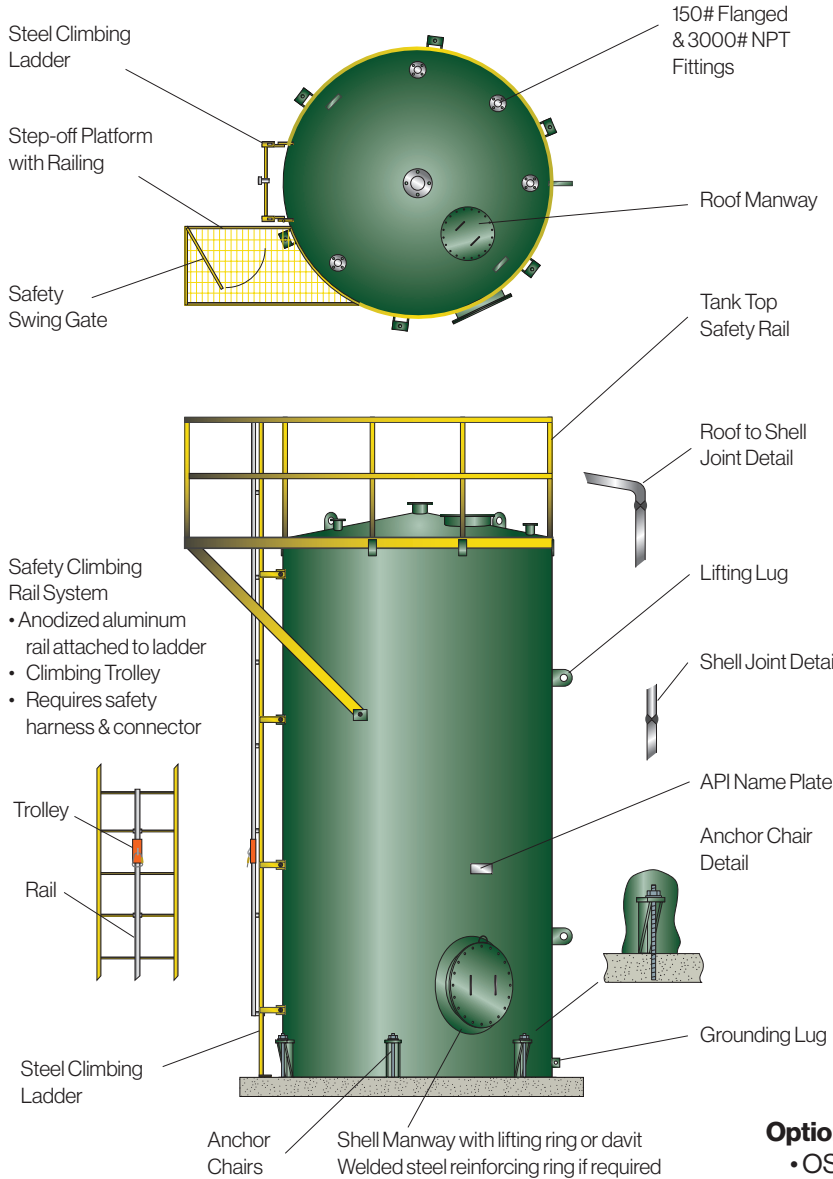
Highland Tank's API 650 storage tanks are designed and fabricated considering operating pressures up to 2.5 PSIG, corrosion allowance, wind loading, and seismicity.

Highland Tank API 650 tanks range in size from 500 to 57,500 gallons.

Standard features include:

- Compliance with API 650 Annex E, F, J, and/or S (depending on specific project requirements)
- Carbon or stainless steel - Thickness: 3/16 to 1¼ inches
- Butt welded joints with seam inspection and factory air test
- Access Manways
- Flanged and threaded connections
- Lifting lugs
- Anchor chairs
- Primer paint and/or internal and external coatings per specification

# Drawing & Details



Volume Gallons	Nominal Tank Dimensions Diameter	Height
500	4'-0"	5'-5"
1,000	4'-0"	10'-9"
1,000	5'-4"	6'-0"
1,500	5'-4"	9'-0"
2,000	5'-4"	12'-0"
3,000	8'-0"	8'-0"
4,000	8'-0"	10'-6"
5,000	8'-0"	13'-4"
6,000	8'-0"	16'-0"
8,000	10'-0"	14'-0"
10,000	10'-0"	17'-0"
12,000	10'-0"	20'-6"
15,000	10'-0"	25'-6"
20,000	10'-0"	34'-0"
20,000	10'-6"	31'-0"
25,000	12'-0"	29'-8"
30,000	12'-0"	35'-6"
30,000	12'-6"	32'-9"
40,000	12'-0"	47'-6"
40,000	12'-6"	43'-8"
40,000	13'-0"	40'-4"
49,500	13'-0"	50'-0"

**Highland Tank's robust API 650 tanks are suited for the rigors of gas and oil transmission and storage**

## Options:

- OSHA ladders and platforms with fall protection system
- Thief Hatch
- Pressure Vacuum Vent
- Flame Arrestor
- Level Gauging and Transmitter System
- Stamped Engineering Calculations
- Internal Piping Options
- Exterior coatings for protection, endurance, and corrosion resistance
- Interior coatings for storage of aviation fuel, chemicals, wastewater, or other liquids
- Shop-fabricated Pour Foam Insulation System



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