

KYTIDER

TANKER TRUCKS&PRESSURE VESSELS

Quality First

Honesty Oriented

Win-win Cooperation



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Yantai Kytider Energy Equipment & Technologies Co.,Ltd

Company Profile

Kytider Energy Equipment & Technologies began the cooperation business from 1980 and with its national high-tech capacity in manufacturing we have a big variety of products, automobile cabins, pressure vessels for the transport of dangerous goods, special purpose trucks and the chassis, recreational vehicles, intelligent vertical circulation style parking equipment, truck internal decoration parts, molds and precision casting parts. Our plants have an annual production capacity of 4,000 hazardous chemicals road tanker and various pressure vessels, which has strong technical strength, advanced and perfect inspection methods with complete quality system. Process control is strict as required. From China we have already exported to America, Europe, Middle East and Southeast Asia etc.

Our company has obtained the Manufacture License of Special Equipment People's Republic of China about the third type of fixed pressure vessel and C2 mobile pressure vessel (including liquefied gas automobile tanker, refrigerated liquefied gas automobile tanker, liquefied gas tank container refrigerated liquefied gas tank container) issued by the state, and we have obtained ASME(U and U2) certificate and CCS qualification. Also we have more than 200 sets of main production equipment such as 3 sets of plasma cutting machines, 6 sets of edge planer, 5 sets of CNC automatic rolling machine, 30 sets of advanced automatic welding machines including 8m column type large submerged arc automatic welding operating machine, 3 sets of CNC sheet metal bending machines, 3 sets of high-speed automatic pipe-bending machines, 9 sets of vacuum-pumping units, 6 sets of head-forming equipment and Germany Berg large displacement double-screw rod air compressor, non-destructive testing laboratory, PLC control wind circulation machine shot blasting room, cleaning room electro-coating baking and drying room, pressure-with standing test field, and 57 sets of world class testing and inspection equipment. The head adopts computer controlled automatic forming heads, which has stable shape and beautiful appearance. Also the tank body is completely welded by automatic welding to ensure the welding stability and keep good welding quality.

The company has been pursuing the technical research and application of safety, environmental protection, high efficiency energy saving and automation with the principle that quality is the life of the company.

Company Equipment



LNG Tank Containers (T75)



PRODUCT CHARACTERISTICS

- 1、Thelargest domestic volume
- 2、 Morethan 100 days keeping days
- 3、 The5 years'design life of vacuum
- 4、 WithGPS positioning, pressure, liquid level and temperature wireless automatic transmission



Container Type	T75	
Perform Specification	TSG R0005-2011、NB/T47059-201	
Container Model	40	20
Medium	(LNG)、(LO2)、(LN2)、(LAr)	
Maximum Allowable Working Pressure	0.8Mp	
Design Temperature	196°C	
Specified filling Rate	90%、81	
The Geometric Volume	45.5m ³	21m ³
Maintain Time	100days	
The Weight Of Quality	11560kg	6820 kg
Maximum Permissible Charge	18919 kg	8732kg
The Frontal Complement	30480 kg	15240 kg
Allows Stacking Quality	92000 kg	192000 kg
Adiabatic Form	High vacuum multilayer insulation	
Dimension LengthxWidthxHeight	12192mm x2438mm x2591mm	6058mm x2438mm x2591mm
Vacuum Life	5years	
The Tank Design Service Life	5year	
Inspection Agency	GB、CCS、ASME	
Mode of Transport	Road or Water	

LNG Tank Containers (T50)



Volume	22.5m ³
WorkingPressure	1.6/2.16 Mpa
Length x Wdth x Heigh	6058mm x 2438mm x 2591mm
Self-weight	6750 kg
Load Quality	9450kg
TotalQuality	24000 kg
ankMaterial	16 MnDR
Mode of Transport	Road or Water
Transport Contents	LPG

Cryogenic Storage Tank



Specification: 20m³、30m³、50m³、60m³、100m³、150m³。

Contents: LNG、LO₂、LN₂、LAr。

Style: horizontal or vertical

Configuration: single valve or double valves

LPG Storage Tank



Above Ground Storage Tanks Underground storage Tanks

Parameter List

The fixed storage tank series produced by our company can store liquefied petroleum gas, propane, propylene, liquid ammonia, dimethyl ether, butadiene and isobutane. The volume is 0.3-200 cubic meters. Welcome to call us or visit the factory.

Product Name	m ³ volume	DN	Thickness (mm)		Weight (kg)		Overall Size
			Body	Head	Tank body	Filling	
LPG Above Ground Storage Tanks	5	1600	10	10	203C	1995	3070×1620×2210
	10	1600	10	10	2950	3990	5260×1620×2210
	15	1800	10	12	3920	5985	6224×1820×2410
	20	2100	12	12	5050	7980	6154×2124×2714
	25	2100	12	12	5970	9975	7594×2124×2714
	32	2400	14	L4	7710	2798	7508×2428×3018
	40	2400	14	4	9380	5960	9270×2428×3018
	50	2700	14	16	10640	19950	9182×2728×3318
	60	2700	14	16	12750	23940	10962×2728×3318
	80	3100	16	18	17000	31920	11166×3132×3722
	100	3100	16	18	20410	39900	13866×3132×3722
	120	3400	18	20	24960	47880	13820×3436×4026
	150	3500	18	20	33870	59850	16228×3540×4133
200	3500	18	20	40890	84000	21420×3540×4133	
LPG Underground Storage Tanks	10	1600	10	10	3000	3990	5260×1620×2870
	12	1800	0	10	3300	4788	5030×1820×3070
	15	1800	0	10	3860	5980	6220×1820×3070
	25	2200	12	12	5020	7980	5654×2224×3470
	25	2200	12	12	6100	9975	7004×2224×3470
	32	2400	14	14	7985	12758	7508×2428×3700
	40	2700	14	16	9720	15960	7472×2728×3973
Storage Ammonia Liquid	20	2100	16	16	6400	9880	6162×2132×2710
	32	2400	16	18	8920	15808	7516×2432×3010
	50	2800	18	20	13850	25175	8636×2836×3430
	100	3200	22	22	26850	49400	13024×24×380
Tank Material	Q345R						
Executive Standard	GB150-2011"Pressure Vessel", TSG21"Safety Technical Supervision Regulations for Fixed Pressure Vessels"						

Note: 1. The safety valve is designed according to the spray device with the flow rate >10L/m.min.
 2. The nozzle positioning size and saddle size can be determined according to the actual site of the user (applicable to the old station transformation)

LPG Transport Trucks



Parameter List

Product Model	QXC9401GYQ
volume	61.9m ³
Load Mass.	26000 kg
GVW	40000 kg
Curb Mass.	14000 kg
Overall Size	13590mm x 2550mm x 3995mm
Transport Contents	Lquefed Petroleum Gas(LPG)

Transport Trucks



Product Model	QXC5300GYQ
Volume	37.2m ³
Chassis Model	FH1 20D
oad Mass.	624 k
GVW	2000 kg
CurbMass.整备质量:	6246kg
Overall Size	12000mm×2500mm、2550mm×3690mm
Transport Contents	Liquefied Petroleum Gas(LPG)

LPG Integrated Filling Equipment



Specification: 5m³、 10 m³、 20 m³、 25 m³、 40 m³、 50 m³。
 Contents: Liquefied Petroleum Gas(LPG)
 Configuration: 1.Air filling machine(Single gun/double guns optional)
 2.Scales used when filling LPG (Quantity optional)
 3.LPG hydrocarbon pump (Domestic/import optional)
 4.Sun awning and spray pipe.



LPG Refuelling Trucks



Road Tanker Truck
 Specteaton: 3m³,5m³. 10m³.20m³,25m³,30m³.
 Contents: Liquefied Pgtroleum Gas (LPG)
 Contguraton: 1.LPG hydrocaton pumo (without motor)
 2.Flow meler,air filling machine (optional)



Tank Semi-trailer
 Specification: 40 m³-60 m³
 Contents: Liquefied Petroleum Gas(LPG)
 Configuration: 1.LPG hydrocarbonpump (with motor)
 2.Flow meter,air filling machine (optional)

QXC5322GY Aluminum Alloy Fuel Road Tanker Truck



PRODUCT CHARACTERISTICS

1. The chassis adopts the HOWO brand ZZ1327N466GE1 special cargo truck chassis for the transport of hazardous chemicals. The rear axle adopts air suspension, the steering wheel is equipped with tire burst emergency protection device, and the front wheel adopts the chassis with disc brakes and radial tires. It also has the driving recorder with satellite positioning function and ECU speed controlled & limited device.
2. The light-weight design is used for the upper tank body, the aluminum alloy material is covered by more than 95%, and it has high corrosion resistance. It has light weight, strong loading capacity, transportation cost, and when the vehicle is forcibly scrapped, it could be recycled and reused, which shows environmentally friendly.
3. Use liquid fluidics for pipeline design to reduce the resistance of the fuel flow passage and improve the fluidity of the fuel in the pipeline.
4. The tank body adopts a square-circle section design, which reduces the center of gravity and makes the vehicle run safely and stably, and its large volume tank body is suitable for medium and long-distance transportation of oil.
5. It has complete functions, which could be used for pumping in and out, loading and unloading, and it could be used as a mobile pumping station for oil delivery. It also has the functions of oil gas recovery and overflow prevention.
6. The use of a full set of European standard manholes and valves can be designed according to users' requirements.



Product Model	QXC5322GY
Volume	30.5 m ³
Chassis Model	ZZ1327N466GE1
Load Mass.	20400 kg
GW	32000kg
Curb Mass.	11470kg
Overall Size	11890*2500*3500
Wheelbase	1800+4575+1400
Transport Contents	Gasoline

QXC5321GYB Aluminum Alloy Fuel Road Tanker Truck



PRODUCT CHARACTERISTICS

1. The chassis adopts the DONGFENG brand DFH1320D2 special cargo truck chassis for the transport of hazardous chemicals. The rear axle adopts air suspension, the steering wheel is equipped with tire burst emergency protection device, and the front wheel adopts the chassis with disc brakes and radial tires. It also has the driving recorder with satellite positioning function and ECU speed controlled & limited device.
2. The light-weight design is used for the upper tank body, the aluminum alloy material is covered by more than 95%, and it has high corrosion resistance. It has light weight, strong loading capacity, transportation cost, and when the vehicle is forcibly scrapped, it could be recycled and reused, which shows environmentally friendly.
3. Use liquid fluidics for pipeline design to reduce the resistance of the fuel flow passage and improve the fluidity of the fuel in the pipeline.
4. The tank body adopts a square-circle section design, which reduces the center of gravity and makes the vehicle run safely and stably, and its large volume tank body is suitable for medium and long-distance transportation of oil.
5. It has complete functions, which could be used for pumping in and out, loading and unloading, and it could be used as a mobile pumping station for oil delivery. It also has the functions of oil gas recovery and overflow prevention.
6. The use of a full set of European standard manholes and valves can be designed according to users' requirements.



Product Model	QXC5321GYB
Volume	30 m ³
Chassis Model	DFH1320D2
Load Mass.	20000 kg
GW	32000kg
Curb Mass.	11805kg
Overall Size	11500*2550*3700
Wheelbase	1995+4500+1350
Transport Contents	Gasoline

QXC5326GYJ6 Aluminum Alloy Fuel Road Tanker Truck



PRODUCT CHARACTERISTICS

1. The chassis adopts the JIEFANG brand CA5320GYYP66K1L6T4E6 special cargo truck chassis for the transport of hazardous chemicals. The rear axle adopts air suspension, the steering wheel is equipped with tire burst emergency protection device, and the front wheel adopts the chassis with disc brakes and radial tires. It also has the driving recorder with satellite positioning function and ECU speed controlled & limited device.
2. The light-weight design is used for the upper tank body, the aluminum alloy material is covered by more than 95%, and it has high corrosion resistance. It has light weight, strong loading capacity, transportation cost, and when the vehicle is forcibly scrapped, it could be recycled and reused, which shows environmentally friendly.
3. Use liquid fluidics for pipeline design to reduce the resistance of the fuel flow passage and improve the fluidity of the fuel in the pipeline.
4. The tank body adopts a square-circle section design, which reduces the center of gravity and makes the vehicle run safely and stably, and its large volume tank body is suitable for medium and short-distance transportation of oil.
5. It has complete functions, which could be used for pumping in and out, loading and unloading, and it could be used as a mobile pumping station for oil delivery. It also has the functions of oil gas recovery and overflow prevention.
6. The use of a full set of European standard manholes and valves can be designed according to users' requirements.



Product Model	QXC5326GYJ6
Volume	31 m ³
Chassis Model	CA5320GYYP66K1L6T4E6
Load Mass.	20675kg
GW	32000kg
Curb Mass.	11130kg
Overall Size	11850*2550*3700
Wheelbase	1900+4500+1350
Transport Contents	Gasoline

QXC5325GYYS6 Aluminum Alloy Fuel Road Tanker Truck



PRODUCT CHARACTERISTICS

1. The chassis adopts the Shaanxi Automobile brand SX1329MB6WQ1 special cargo truck chassis for the transport of hazardous chemicals. The rear axle adopts air suspension, the steering wheel is equipped with tire burst emergency protection device, and the front wheel adopts the chassis with disc brakes and radial tires. It also has the driving recorder with satellite positioning function, ECU speed controlled & limited device and optional ETC vehicle-mounted device.
2. The light-weight design is used for the upper tank body, the aluminum alloy material is covered by more than 95%, and it has high corrosion resistance. It has light weight, strong loading capacity, transportation cost, and when the vehicle is forcibly scrapped, it could be recycled and reused, which shows environmentally friendly.
3. Use liquid fluidics for pipeline design to reduce the resistance of the fuel flow passage and improve the fluidity of the fuel in the pipeline.
4. The tank body adopts a square-circle section design, which reduces the center of gravity and makes the vehicle run safely and stably, and its large volume tank body is suitable for medium and long distance transportation of oil.
5. It has complete functions, which could be used for pumping in and out, loading and unloading, and it could be used as a mobile pumping station for oil delivery. It also has the functions of oil gas recovery and overflow prevention.
6. The use of a full set of European standard manholes and valves can be designed according to users' requirements.



Product Model	QXC5325GYYS6
Volume	31 m ³
Chassis Model	SX1329MB6WQ1
Load Mass.	20600kg
GW	32000kg
Curb Mass.	11270kg
Overall Size	11800*2550*3500(3750)
Wheelbase	1800+4575+1400
Transport Contents	Gasoline