



Good Quality Seamless Steel High Pressure Gas Cylinders Factory Supply

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: CMC
- Certification: COA
- Model Number: cylinder
- Minimum Order Quantity: 1pc
- Price: US \$100-500
- Packaging Details: Cylinder
- Delivery Time: 30 days
- Payment Terms: T/T
- Supply Ability: 20000 pcs/month



Product Specification

- Application: Gas Storage/Transportation
- Capacity: 40L-470L
- Coating: Anti-corrosion
- Color: Customize
- Diameter: 232mm
- Height: 1370cm
- Material: Steel
- Pressure: 200 Bar
- Safety Features: Pressure Relief Valve/Protective Cap
- Usage: Industrial/Commercial
- Valve Type: Customize
- Weight: 52kg
- Manufacturer: CMC
- Highlight: **Seamless Steel High Pressure Gas Cylinders, Seamless Steel Gas Cylinder Tank, 470L High Pressure Gas Cylinders**



More Images



Product Description



Model NO.	40-470L
Application	Gas
Material	Carbon Steel
Storage Medium	Moncombustible/Nontoxic
Pressure Level	High Pressure (10.0MPa≤p<100.0MPa)
Condition	New
Delivery Time	30 Days
Transport Package	20 Foot Container
Specification	40L-470L
Trademark	CMC
Origin	Jiangsu
HS Code	7311009000
Production Capacity	20000 Bottles /Month

A high-pressure seamless gas cylinder is a type of container designed to store and transport gases under high pressure. These cylinders are commonly used in various industries, including medical, industrial, and scientific applications.

Here are some key characteristics of high-pressure seamless gas cylinders:

Construction: High-pressure seamless gas cylinders are typically made of steel or aluminum alloy. The

construction ensures they can withstand the high pressures required for storing gases safely.

Seamless Design: Seamless cylinders are manufactured using a seamless tube, which means there are no welded joints. This design eliminates the risk of weak points that could potentially fail under high pressure.

Pressure Rating: High-pressure gas cylinders are built to withstand specific pressure ratings, which are marked on the cylinder. The pressure rating indicates the maximum pressure the cylinder can safely contain. Different gases may require different pressure ratings.

Valve and Fittings: The cylinders are equipped with valves and fittings that allow for filling and emptying the gas. The valves are designed to provide a secure seal and control the flow of gas.

Safety Features: High-pressure gas cylinders often include safety features such as pressure relief devices (PRDs) or burst discs. These components are designed to release excess pressure from the cylinder to prevent explosions or ruptures.

Capacity: The capacity of high-pressure gas cylinders can vary widely depending on the intended application. They range in size from small portable cylinders used for welding or medical purposes to large cylinders used in industrial processes.

Gas Compatibility: It's crucial to ensure that the gas being stored is compatible with the cylinder material. Some gases can react with certain metals, potentially causing corrosion or other hazards. Cylinder manufacturers typically provide guidelines regarding gas compatibility.

When handling high-pressure gas cylinders, it's important to follow proper safety procedures, including storing them in well-ventilated areas,

securing them to prevent tipping, and being cautious of potential hazards such as heat, sparks, or physical damage.

Note: It's always important to consult the specific regulations and guidelines provided by the manufacturer and relevant authorities when using or handling high-pressure gas cylinders, as requirements may vary depending on the jurisdiction and application.

ISO 9809-3 Seamless Steel Gas Cylinders

Type	Outside Diameter (mm)	Water Capacity (L)	Height (Without Valve) (mm)	Weight (Without Valve & Cap) (kg)	Working Pressure (Bar)	Design Wall Thickness (mm)	Material Grades
ISO102-1.8-150	102	1.8	325	3.5	150	3	37Mn
ISO102-3-150		3	498	5.2			
ISO102-3.4-150		3.4	555	5.7			
ISO102-4.4-150		4.4	700	7.2			
ISO108-1.4-150	108	1.4	240	2.9	150	3.2	37Mn
ISO108-1.8-150		1.8	285	3.3			
ISO108-2-150		2	310	3.6			
ISO108-3-150		3	437	4.9			
ISO108-3.6-150		3.6	515	5.7			
ISO108-4-150		4	565	6.2			
ISO108-5-150		5	692	7.5			
ISO140-3.4-150	140	3.4	321	5.8	150	4.1	37Mn
ISO140-4-150		4	365	6.4			
ISO140-5-150		5	440	7.6			
ISO140-6-150		6	515	8.8			
ISO140-6.3-150		6.3	545	9.2			
ISO140-6.7-150		6.7	567	9.5			
ISO140-7-150		7	595	9.9			
ISO140-7.5-150		7.5	632	10.5			
ISO140-8-150		8	665	11			
ISO140-9-150		9	745	12.2			
ISO140-10-150		10	830	13.5			
ISO140-11-150		11	885	14.3			
ISO140-13.4-150		13.4	1070	17.1			
ISO140-14-150		14	1115	17.7			
ISO159-7-150	159	7	495	9.8	150	4.7	37Mn
ISO159-8-150		8	554	10.8			
ISO159-9-150		9	610	11.7			
ISO159-10-150		10	665	12.7			
ISO159-11-150		11	722	13.7			
ISO159-12-150		12	790	14.8			
ISO159-12.5-150		12.5	802	15			
ISO159-13-150		13	833	15.6			
ISO159-13.4-150		13.4	855	16			
ISO159-13.7-150		13.7	878	16.3			
ISO159-14-150		14	890	16.5			
ISO159-15-150		15	945	17.5			
ISO159-16-150		16	1000	18.4			
ISO180-8-150	180	8	480	13.8	150	5.3	37Mn
ISO180-10-150		10	570	16.1			
ISO180-12-150		12	660	18.3			
ISO180-15-150		15	790	21.6			
ISO180-20-150		20	1015	27.2			
ISO180-21-150		21	1061	28.3			
ISO180-21.6-150		21.6	1087	29			
ISO180-22.3-150		22.3	1100	29.4			

ISO219-20-150	219	20	705	27.8	150	6.1	37Mn
ISO219-25-150		25	855	32.8			
ISO219-27-150		27	915	34.8			
ISO219-36-150		36	1185	43.9			
ISO219-38-150		38	1245	45.9			
ISO219-40-150		40	1305	47.8			
ISO219-45-150		45	1455	52.9			
ISO219-46.7-150		46.7	1505	54.6			
ISO219-50-150		50	1605	57.9			

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