

CH-CHENYI



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SHANGHAI CHENYI PRESSURE VESSEL CO., LTD

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PRODUCT ►►

CATALOGUE

SHANGHAI CHENYI PRESSURE VESSEL CO.,LTD



COMPANY
PROFILE ▶▶

Located in Shanghai, China. Shanghai Chenyi High Pressure Container Co., Ltd is a professional manufacturer of high-quality steel & aluminum gas cylinder with accessories including valve, regulator, gas/liquid filling hose and pump, high purity gas, gas mixture and so on.

We have more than 10 years of producing and exporting experience in the field of medical, industry, beverage and diving. Our products have won praise from customers worldwide. They have been exported to USA, Germany, UK, Swede, Australia, Canada, Russia, UAE, Saudi Arabia, Iran, Pakistan, Egypt, Japan, Singapore, Thailand, Chile, Peru, Brazil, Uganda and etc.



Other Information Before You Check Products

Specification:

– DOT-3AL, TC-3ALM, ISO9809, DOT3AA, ISO7866 designed

MATERIAL:

Manufactured from high strength alloy 6061-T6 for AL-cylinder and 37Mn, 34CrMo4 for steel cylinder

Threads:

–upon each standards and can be customized

Markings:

– As required by specification – Additional markings available upon request

Graphics:

– Logos or labels in silkscreen or Duragrafix available upon request

Medical
Oxygen Cylinder

INTRODUCE

Chenyi has been supplying lightweight, durable, corrosion resistant aluminum cylinders for over 10 years.and CGA 320 CO2 valves as standard features.



FEATURES

- State-of-the-art manufacturing facilitates located on Yangtze River Delta economic of China who have high status in China’s GDP.
- All Medical Oxygen cylinders are produced from high quality AA6061 aluminum raw materials
- On-site DOT/ISO Inspections – dimensional, visual, hydrostatic, tensile & burst testing
- Serialization – complete traceability of cylinder production batch, test reports and raw material
- Personalized customer support – technical inquiries, new product development, logistics



Beverage Aluminum
CO2 Cylinders

INTRODUCE

Chenyi’s aluminum CO2 cylinders are specially designed for the beverage carbonation industry – lightweight and corrosion-resistant. All aluminum CO2 cylinders have a bare-brushed aluminum finish and CGA 320 CO2 valves as standard features.



APPLICATION

Aluminum CO2 cylinders are the ideal choice for home and commercial dispensing equipment of carbonated beers, stouts, lagers, ciders, and soft drinks.

PARAMETERS

- Sizes: 1.5 lb. up to 50 lb.
- Grade 6061-T6 high strength alloy aluminum
- Manufactured to US DOT-3AL, TC-3ALM and ISO7866 specifications
- Buffed shoulders and large-sized stamping for easy identification
- CGA 320 CO2 valves installed
- Brushed aluminum exterior finish
- Lightweight, sturdy, and corrosion-resistant
- 20 lb. and 50 lb. cylinders come with heavy-duty, reinforced nylon carrying handles for easy transportation

Diving ▶▶
Scuba Tanks

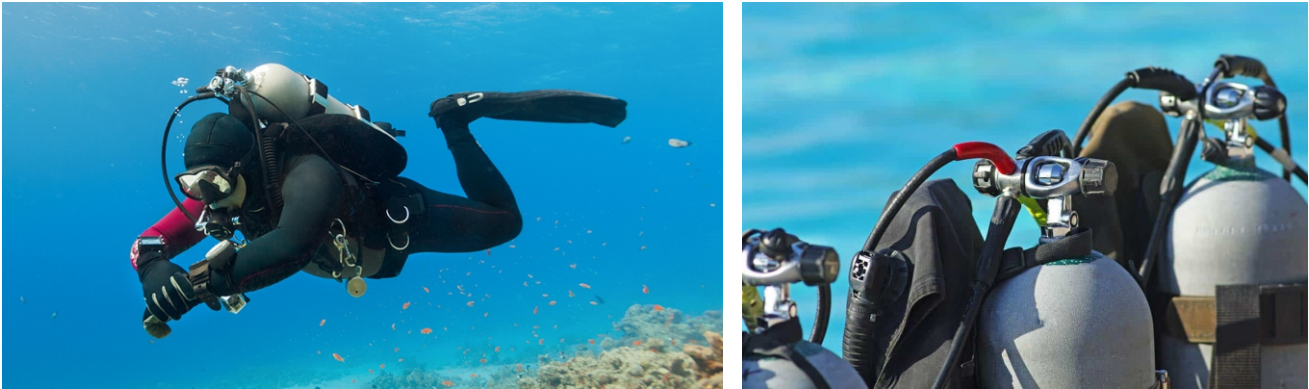
▶▶ INTRODUCTION

Chenyi's aluminum scuba diving tanks are specially designed for scuba diving water activities – lightweight and corrosion-resistant. All aluminum tanks have a bare-brushed aluminum finish then paint custom request colors and YOKE valves as standard features.



▶▶ FEATURES

- Seamless, Light Weight Cylinder (40% Lighter than steel cylinder).
- Easy to handle and transportation.
- Corrosion Resistant.
- Non-Magnetic.
- No Special Maintenance required, only require requalification every five years.



High Pressure ▶▶
Steel Cylinders

▶▶ INTRODUCTION

Manufactured from high quality 4130 CrMo (chromium-molybdenum) alloy steel, Chenyi provides steel cylinders that are produced using strict standards and in compliance with the US DOT/ISO9809 and International regulations.



▶▶ APPLICATION

High pressure steel cylinders can be used for multiple applications: oxygen, nitrogen, argon, helium, carbon dioxide, hydrogen, mixtures, and many other gases and pressurized liquids.

▶▶ PARAMETERS

- Capacities: 1L up to 80L
- Service pressures: 150bar to 300bar
- Complies with DOT, ISO specifications
- Made with high-quality 34CrMo4/37Mn alloy steel
- Multiple options for customization – painting – stamping – neck-rings
- A large selection of valves and other accessories are also available from stock

Cylinder Specification

Medical used (ISO7866/DOT3AL)

	WP		W.C		DIAMETER		LENGTH		Weight		O2	
	psi	bar	lbs	liters	in	mm	in	mm	lbs	kgs	cuft	liters
M74	3000	207	22	10	7.25	184.2	23.8	605	28.4	12.9	77	2167
M32	3000	207	9.1	4.1	4.38	111.3	25.5	648	10.8	4.9	32	906
M20	3000	207	5.7	2.6	4.38	111.3	16.8	427	7.3	3.3	20	566
M12	3000	207	3.4	1.5	4.38	111.3	10.9	277	5.1	2.3	12	340
M7.8	3000	207	2.1	1	4.38	111.3	7.8	198	3.9	1.8	7.8	221
M7.5	3000	207	2.1	1	3.21	81.5	11.8	300	2.9	1.3	7.5	212
M265	2216	153	102	46.4	9.8	248.9	51.7	1313	84.7	38.4	265	7503
M150	2015	139	64	28.9	8	203.2	47.2	1198	49.2	22.3	150	4248
M122	2216	153	47	21.4	8	203.2	36.2	919	40.3	17.9	122	3455
M90	2216	153	35	15.7	7.25	184.2	32.7	830	30.4	13.7	90	2549
M60	2216	153	23	10.5	7.25	184.2	23.1	587	22.3	10.1	60	1699
ME	2015	139	10	4.6	4.38	111.3	25.4	645	7.8	3.5	24	680
M22	2216	153	8.5	3.9	5.25	133.4	16.3	414	8.2	3.7	22	623
MD	2015	139	6.4	2.9	4.38	111.3	16.7	424	5.4	2.5	15	425
M9	2015	139	3.8	1.7	4.38	111.3	10.9	277	3.8	1.7	9	255
M7	2015	139	3	1.4	4.38	111.3	9.1	231	3.2	1.5	7	198
ML6	2015	139	2.5	1.2	4.38	111.3	7.9	200	2.9	1.3	6	170
M6	2216	153	2.3	1	3.21	81.4	11.8	300	2.3	1	6	170
M4	2216	153	1.5	0.7	3.21	81.4	8.7	221	1.7	0.8	4	113

Beverage DOT3AL (Note WP1800psi) TPED ALSO APPROVED

	Capacity			Diameter		Length		Weight		CO2		Nitrogen
	cu in	lbs	liters	in	mm	in	mm	lbs	kgs	lbs	kgs	cu ft
B50	2035	73.5	33.3	8.6	218.4	46.3	1175	48.3	21.9	50	23	144
B35	1426	51.5	23.4	8	203.2	37.8	960	35.2	16	35	16	100.9
B22	901	32.5	14.7	8	203.2	25.1	638	25.3	11.5	22	10	63.5
B20	814	29.4	13.3	8	203.2	23.2	589	23.7	10.8	20	9.1	57.6
B15	612	22.1	10	6.89	175	23.1	587	16.8	7.6	15	6.8	43.3
B10	407	14.7	6.7	6.89	175	16.5	419	12.6	5.7	10	4.5	29
B5	203	7.4	3.4	5.25	133.4	14.2	361	6.3	2.9	5	2.3	14.5
B2.5	102	3.7	1.7	4.38	111.3	10.3	262	3.3	1.5	2.5	1.1	7.2
B2	83	3	1.4	4.38	111.3	8.5	213	2.9	1.3	2	0.9	5.9
B1.75	71.4	2.6	1.17	3.21	81.4	12.5	317	1.9	0.9	1.75	0.8	5.1
B1.5	61.2	2.2	1	3.21	81.4	11.1	281	1.7	0.8	1.5	0.7	4.3
B1	40.7	1.5	0.66	3.21	81.5	7.8	197	1.4	0.6	1	0.5	2.9

Cylinder Specification

Nitrous Oxide Specifications (ISO7866/DOT3AL)

	Water Capacity			Diameter		Length		Weight		CO2		Nitrogen	
	cu in	lbs	liters	in	mm	in	mm	lbs	kgs	lbs	kgs	cu ft	liters
9002	27	440(cc)		2	51	5.3	135	0.48	0.1	0.22	0.1		
NO1	40.7	1.47	0.66	3.21	81.5	7.8	197	1.4	0.6	1	0.45	1 (lb)	0.45
NO2	83	3	1.4	4.38	111.3	8.7	220	2.93	1.3	2	0.91	5.9 (lbs)	166
NO2.5	101.9	3.68	1.67	4.38	111.3	10.3	262	3.2	1.5	2.5	1.1	7.2	204
NO5	203.4	7.35	3.33	5.25	133.4	14.2	361	6.3	2.9	5	2.27	14.5	411
NO10	407.1	14.7	6.67	6.89	175	16.5	419	12.3	5.6	10	4.5	29	821
NO15	611.7	22.1	10	6.89	175	23.1	587	16.2	7.3	15	6.8	43.3	1226
NO20	813.8	29.4	13.3	8	203.2	23.2	589	23.1	11	20	9.07	57.6	1631

Specialty & Industrial Gas Specifications (ISO7866/DOT3AL)

Service Pressure			Water Capacity		Diameter		Length		Weight		O22		N2
	lbs	liters	lbs	liters	in	mm	in	mm	lbs	kgs	cu ft	liters	cu ft
I269	2216	153	104.9	47.6	9.8	248.9	52.8	1341	86.3	39.2	269	7618	249
I265	2216	153	102.2	46.4	9.8	248.9	51.7	1313	84.7	38.4	265	7503	245
*I40L	2901	200	88.2	40	9.02	229	55.5	1409	92.6	42	298	8428	268
I150	2015	139	63.7	28.9	8	203.2	47.2	1198	49.2	22.3	150	4248	139
*I20L	2901	200	44.1	20	8	203.2	37.1	942	50.4	22.9	149	4219	137
I122	2216	153	47.1	21.4	8	203.2	36.2	919	40.3	17.9	122	3455	113
I90	2216	153	34.7	15.7	7.25	184.2	32.6	828	30.4	13.7	90	2549	82.9
I60	2216	153	23.2	10.5	7.25	184.2	22.9	582	22.3	10.1	60	1699	55.4
I48	2216	153	18.6	8.4	5.25	133.4	32.2	818	15.2	6.9	48.2	1365	44.6
*I33	2216	153	13	5.9	6.89	175	15.3	388	13.8	6.3	33.7	954	31.2
*I24	2015	139	10.2	4.6	4.38	111.3	25.4	646	7.8	3.5	24	680	22
I22	2216	153	8.5	3.9	5.25	133.4	16.3	414	8.2	3.7	22	623	20.4
I6	2216	153	2.3	1	3.21	81.5	11.8	300	2.3	1	6	170	5.6

Scuba diving tanks (ISO7866/DOT3AL)

Capacity	Water Capacity			Diameter		Length		Weight		Buoyancy Lbs		
cu ft*	cu in	lbs	liters	in	mm	in	mm	lbs	kgs	lbs	kgs	cu ft
S80	678	25	11.1	7.25	184	25.9	658	31.3	14.2	-1.6	2.8	4.1
S63	552	20	9	7.25	184	21.7	551	26.9	12.2	-2.8	0.7	1.8
S53	464	17	7.6	7.25	184	19.2	488	25.1	11.4	-3.8	-1	0.1
S40	350	13	5.8	5.25	133	25.4	645	16.2	7.3	-1.5	0.7	1.4
S30	263	9.5	4.3	5.25	133	19.9	505	13.6	6.2	-2.4	-1	-0.2
S19	166	6	2.7	4.38	111	17.7	450	7.8	3.5	-1.5	-0	-0.2

Cylinder Specification

Seamless Steel cylinder ISO9809-1/3;/DOT3AA;UN ISO9809

Diameter(mm)		Water Capacity	Length	Weight	WP	TP
TUV100T	100	0.8	200	2.10	200bar	300bar
		2.0	360	2.70		
		3.2	540	3.70		
TUV105A	105	1.8	315	2.70	200bar	300bar
		2.0	342	3.10		
		3.0	475	3.80		
		5.0	705	5.70		
TUV116A	116	2.5	348	4.00	210bar	315bar
		2.7	370	4.10		
		3.0	390	4.30		
		4.5	555	5.20		
TUV116T	116	2.6	348	3.75	210bar	315bar
		3.0	395	4.00		
		3.2	415	4.40		
		5.2	623	6.25		
TUV137A	137	4.3	415	6.00	200bar	300bar
7.5		645	8.50			
11.5		950	12.2			
TUV137T		4.3	411	6.75		
7.5		655	9.90			
11.5	965	14.0				
TUV140A	140	4.0	420	6.12	200bar	300bar
		5.0	455	7.85		
		6.0	520	9.00		
		7.0	625	10.5		
		10.0	820	13.5		
		15.5	1237.5	26.0		
TUV140T	140	4.5	475	8.00	300bar	450bar
		6.0	540	9.10		
		9.6	825	14.0		
TUV159A	159	7.0	535	13.0	200bar	300bar
		10.0	695	16.5		
		12.0	800	19.0		
		15.5	985	23.0		
TUV180A	180	7.0	410	12.0	200bar	300bar
		8.0	450	13.0		
		13.0	675	18.5		

Cylinder Specification

Seamless Steel cylinder ISO9809-1/3;/DOT3AA;UN ISO9809

Diameter(mm)		Water Capacity	Length	Weight	WP	TP
TUV204T	204	15.0	606	24.0	200bar	300bar
		20.0	840	29.0		
		24.0	920	33.0		
TUV204A		13.4	586	20.5		
TUV204A		15.0	645	22.5		
		20.0	825	27.5		
	24.0	965	31.7			
TUV229A	229	20.0	687	35.0	300bar	450bar
		50.0	1520	69.5		
		55.0	1655	76.0		
TUV229T		18.5	687	35.0		
		50.0	1570	73.0		
		55.0	1710	76.0		
TUV229T(H2)		18.0	690	41.5		
		50.0	1590	90.0		
		55.0	1740	99.0		
TUV232A	232	22.0	700	28.0	150bar	250bar
		50.0	1430	53.5		
		60.0	1710	62.0		
TUV232A	232	22.0	700	29.0	200bar	300bar
		30.0	915	36.8		
		60.0	1710	65.0		
TUV232A	232	22.0	700	29.0	230bar	345bar
		50.0	1460	52.5		
TUV232A	232	22.0	700	29.0	230bar	345bar
		50.0	1465	52.5		
TUV267A	267	40.0	935	49.0	150bar	250bar
		68.0	1470	73.0		
		80.0	1730	85.0		
TUV267A	267	40.0	915	48.0	200bar	300bar
		50.0	1115	56.0		
		67.0	1135	56.8		
		68.0	1475	72.8		
		80.0	1710	84.0		
TUV279A	279	45.0	882	50.0		
		80.0	1575	85.0		
		90.0	1698	89.0		

Note: Above Specification For Gas Cylinder Is Only A Part Of Our Supplies. Details Please Contact Our Related Worker For Double Check.



NORMAL FAQ



MOQ

200pcs for normal size cylinders;
Special cylinder moq 500-1000pcs.



Lead time

35days
depending order quantity



Custom-made

approved



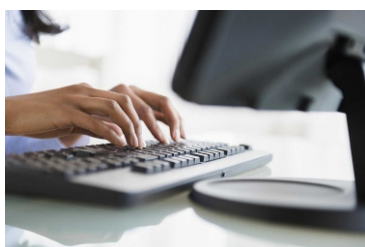
Packaging

Carton then pallet for aluminum tanks;
pallet for steel big tanks;
carton for small steel tanks;
OR packaged as client request.



Payment

30% deposit before mass production,
70% balance payment before ship;



Docs/certificates/ test report

From raw material to end product,
each tanks will have a set of test,
and related docs,
all will sending to related clients.

Regulator, Connector, Humidifer Bottle



YR-86-01



YR-86-02



YR-86-03



YR-86-04



YR-86-05



YR-86-06



YR-86-07



YR-86-08



YR-86-09



YR-86-10



YR-86-11



YR-86-12



YR-86-13



Cylinder Trolley



Hot SALE products



Welcome
Visit Us! ▶▶

Our factory production capacity is 100,000 pieces per month.
What we supply: seamless steel/aluminum/alloy gas cylinder, glass fiber cylinder, storage tanks home soda maker, helium balloon cylinder and gas cylinder accessories like valve, regulator, cap, etc.

We supply our quality cylinders all over the world to more than 40 countries including USA, Germany, UK, Swede, Australia, Canada, Russia, UAE, Saudi Arabia, Japan, Singapore, Pakistan, Thailand, Chile, Peru, Brazil, etc.

We warmly welcome you to visit our office and factory.
We are confident that you will be delighted to see our production facilities, Quality control systems and international sales and service set up.
We believe that we will have a sound business cooperation between us.
Thanking You.

