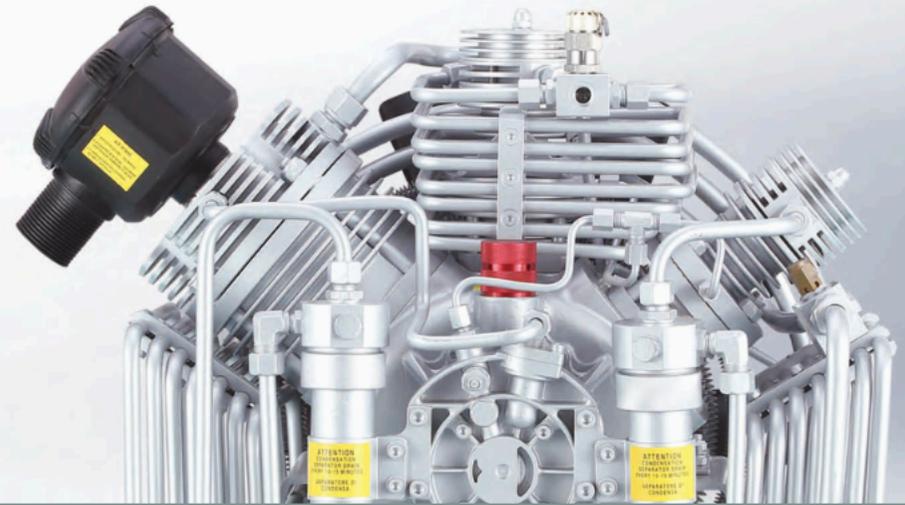




全球领先的高压压缩机专业制造商



TACHEN
INNOVATION CO.,LTD

Tachen Innovation Co.,LTD

Tel: +86 18626302806

Email: contact@ti-chuan.com

Web: www.tch-offical.com

Add: No.29-2 Luou Road, Hudai Industry Park,
Binhu District,Wuxi city 214126



TACHEN Air/Helium/Breath Air
COMPRESSORS

Professional专业 / Dedicated专注 / Focus专心

TACHEN INNOVATION

From Germany 来自德国

WELCOME TO TACHEN

About TACHEN

Tachen Innovation Co., Ltd. stands as a provider of high - pressure compressors on the global stage. As an integrated enterprise specializing in research, development, production, and sales, we are committed to delivering high - pressure solutions for a diverse range of gases, with a pressure range spanning from 100 to 300 Bar. Our compressed media cover air, breathing air, helium, and oxygen.

Our products are widely applied in numerous fields, including fire protection, diving, aerospace, military defense, power testing, marine exploration, and natural gas recovery

Our main products include high-pressure air compressors, high-pressure helium compressors and breathing air compressors

Tachen compressors rely on excellent design and manufacturing technology, strict standardized management, and strict quality requirements to continuously expand globally. In order to provide high-quality products and services to global users, Tachen compressors are exported to Germany, Italy, the United States, Canada, South Korea, South Africa, Brazil, India, Russia and other countries and regions



Professional专业 / Dedicated专注 / Focus专心



High Pressure Compressor

The EN-Series mobile compressor with a protective bracket is suitable for harsh working environments, and its strong power makes it adept in the respiratory and industrial fields. Widely used in sports diving, firefighting, shipbuilding, medical, shooting, and car drying

AD-EN- 100L/215L/265L/300L

- Air Flow
100L-300 L/min
- Working Pressure
Positive Pressure: 300 bar Max

- Driver
Three-phase Motor
Honda Gasoline



High precision activated carbon molecular sieve filtration system
Compressed air composite EN12021 standard
Easy to understand graphical user interface
The final safety valve provides over protection
Pressure limiting valve

Compressor Italy Design and Manufacture

E-series mainframe manufactured

- Intermediate oil-water separator
- High reliability three-level W-shaped structure
- Intermediate level safety valve
- Intermediate stainless steel cooler



Multiple driving modes to choose from

- Single-Phase Motor
- Three-Phase Motor
- Gasoline

AD-EN-100L/215L/265L/300L

- High performance three-level W-shaped structure
- Intermediate cooler
- Intermediate pressure safety valve
- Air intake filter
- Seismic pressure gauge
- The air meets the EN12021 standard
- Simple and easy to understand graphic operations
- Activated carbon molecular filter
- Condensate drain valve
- Final pressure limiting valve
- Live wire and magnetic opening switch
- The oil-water separator and filter adopt an integrated design of aluminum alloy
- The final safety valve provides overpressure protection

Image	Name	Qty
	high-press-12*1200	2 Unit
	Inflator	2 Unit
	Activated carbon filter element	1 Unit

Parameter

Parameter	Single-Phase	Three-Phase	GASOLINE
Power			
Level		4	
Oil		2L	
Noise		< 80	
Time Min		1 Min	1 liter

Model	Flow		Power	Drive	Speed	Weight	Dimension
	L/min	CFM	KW		RPM	KG/	L*W*H
	215	7.6	4	Three	1150	130/287	106*42*57
	265	9.3	5.5	Three	1350	135/298	106*42*57
	300	10.6	7.5	Three	160	140/408	106*42*57

High Pressure Compressor

The TACHEN TN-100L Series is a world-class portable and mobile high pressure compressor. Sturdy and durable, compact and flexible, it can easily fit into the trunk of a small gas truck, and is loved by miniature fire stations, and individual divers for its world-class quality.

Wide range of applications: sports diving, firefighting, ships, shooting, small volume balloon / blimp

AD-TN-100L/E

- Air Flow
80L/min or 100L/min
- Air Pressure
Pressure: 150 -300 bar

AD-TN-100L/GS

- Driving Methods
SUBARU Gasoline
Single-Phase electric motor
Three-phase electric motor



High Precision Activated Carbon Molecular sieve Filtration System

- EN12021 Standard
- The final safety valve provides over protection
- Pressure limiter Valves



Multiple driving modes to choose from

- Single-Phase Motor
- Three-Phase Motor
- Gasoline



German Design

TN-series Compressor

- High reliability three-level T-structure
- Intermediate stainless steel cooler
- Intermediate level safety valve

AD-TN-100L | Feature

- Button and switch with start and stop functions
- The metal frame structure has a plastic coating layer
- Stainless steel intermediate stage condenser
- Activated carbon molecular filter
- Condensate drain valve
- Final stage pressure limiting valve
- Live wire and magnetic opening switch
- The oil-water separator and filter adopt an integrated design of aluminum alloy
- The final safety valve provides overpressure protection

Standard Accessories

Image	Name	Qty
	high-press-12*1200	1 Unit
	inflator	1 Unit
	Lubricating Oil	0.4 L
	Activated carbon filter element	1 Unit
	Air intake filter -60*40	1 Unit

Parameter			
Power	Single-Phase	Three-Phase	GASOLINE
Level	3		
Oil	0.4		
Noise	< 80		
Standard	EN12021		
Time Min	3 Min		1 liter 0-300Bar

Model	Flow		Power	Electric/	Speed	Weight	Package
	L/min	CFM	KW		RPM	KG/LBS	L*W*H
	80	2.8	2.2	220-230V	1800	50/114	71*40*40
	100	3.5	3.0	380-400V	2250	48/106	71*40*40
	100	3.5	3.0/4HP	Subaru	2250	44/97	80X36X40

High Pressure Compressor

The TN Series standard sports compressor is reliable, durable, lightweight, and can be moved by two people. This series of compressors comes with two inflation hoses as standard, which can quickly inflate two gas cylinders at the same time. It is suitable for diving service stations with a certain inflation capacity

AD-TN-215L/265L/300L

- Air Flow
215-300 L/min
- Working Pressure
Pressure: 300 bar Max

- Driving
Three-Phase Motor
SUBARU Gasoline



German Design TN-series
Compressor

- High reliability three-level T-structure
- Intermediate stainless steel cooler
- Intermediate level safety valve

High precision activated carbon molecular sieve filtration system

- EN12021 Standard
- The final safety valve provides over protection
- Pressure limiter Valves

Multiple driving modes to choose from

- Single-Phase Motor
- Three-Phase Motor
- Gasoline

AD-TN-215L/265L/300L

- High performance three-level W-shaped structure
- Intermediate cooler
- Intermediate pressure safety valve
- Air intake filter
- Seismic pressure gauge
- The air meets the EN12021 standard
- Simple and easy to understand graphic operations
- Activated carbon molecular filter
- Condensate drain valve
- Final pressure limiting valve

- Live wire and magnetic opening switch
- The oil-water separator and filter adopt an integrated design of aluminum alloy
- The final safety valve provides overpressure protection

Image	Name	Qty
	high-press-12*1200	2 Unit
	Inflator	2 Unit
	Lubricating Oil	2 L
	Activated carbon filter element	1 Unit
	Air intake filter -60*40	1 Unit

Parameter

Power	Single-Phase	Three-Phase	GASOLINE
Level		3	
Oil		2L	
Noise		< 80	
Time Min		1 Min	1 liter 0-300Bar

Model	Flow		Power	Drive	Speed	Weight	Dimension
	L/min	CFM	KW		RPM	KG/	L*W*H
	215	7.6	4	Three	1150	130/287	106*42*57
	265	9.3	5.5	Three	1350	135/298	106*42*57
	300	10.6	7.5	Three	160	140/408	106*42*57

High Pressure Compressor

The CN-Series mobile compressor with a protective bracket is suitable for harsh working environments, and its strong power makes it adept in the respiratory and industrial fields. Widely used in sports diving, firefighting, shipbuilding, medical, shooting, and car drying

AD-CN- 215/265/300-E/Air

- Exhaust volume
- 215-300 L/min
- Positive pressure air respirator working pressure
- Optional driving mode
- Three phase electric motor/230/440
- SUBARU gasoline engine



High precision activated carbon molecular sieve filtration system

- Compressed air composite EN12021 standard
 - Easy to understand graphical user interface
 - The final safety valve provides over protection
- Pressure limiting valve

- CN-series design and manufactured in China
- Intermediate oil-water separator
- High reliability three-level W-shaped structure
- Intermediate level safety valve
- Intermediate stainless steel cooler



Multiple driving modes to choose from

- Single-Phase Motor
- Three-Phase Motor
- Gasoline

AD-CN- 215L/265L/300L

- High performance three-level W-shaped structure
- Intermediate cooler
- Intermediate pressure safety valve
- Air intake filter
- Seismic pressure gauge
- The air meets the EN12021 standard
- Simple and easy to understand graphic operations
- Activated carbon molecular filter
- Condensate drain valve
- Final pressure limiting valve

- Live wire and magnetic opening switch
- The oil-water separator and filter adopt an integrated design of aluminum alloy
- The final safety valve provides overpressure protection

Accessory

Image	Name	Qty
	high-press-12*1200	2 Unit
	Inflator	2 Unit
	Activated carbon filter element	1 Unit

Parameter			
Power	Single-Phase	Three-Phase	GASOLINE
Level	3		
Oil	2L		
Noise	< 80		
Time Min	1 Min		1 liter 0-300Bar

Model	Flow		Power	Drive	Speed	Weight	Dimension
	L/min	CFM	KW		RPM	KG/	L*W*H
	215	7.6	4	Three	1150	130/287	106*42*57
	265	9.3	5.5	Three	1350	135/298	106*42*57
	300	10.6	7.5	Three	160	140/408	106*42*57

High Pressure Compressor

High flow ultra quiet inflation station GMC/700/900/ET SILENT is designed for units with larger inflation of fire brigade lights. This type of compressor has a complete protection system, low operation, and ultra quiet design, making it suitable for indoor use

GMC700/900/ET SILENT

- Air Flow
700/900L/min
- Air Pressure
Max Air Pressure: 300 bar
- Driver
Three-phase Motor
Single-Phase Motor



High precision activated carbon molecular sieve filtration system

- EN12021 Standard
- The final safety valve provides over protection
- Pressure limiter Valves
- Easy to understand graphical operation interface

Multiple driving modes to choose from

- Single-Phase Motor
- Three-Phase Motor



GMC Series Compressor

- High reliability Four-Level T-structure
- Intermediate stainless steel cooler
- Intermediate level safety valve

High Air Flow Silent Air Compressor GMC700/900/ET SILENT

- Vertical Cabinet
- Efficient four cylinder, four stage compressor
- Each level of cylinder has a safety valve
- The panel displays pressure gauges for each stage
- Oil pump pressure lubrication with lubricating oil filter
- Automatic discharge of condensate water
- Condensate collection bucket
- Large capacity activated carbon triple filtration system
- Intermediate condenser made of all stainless steel
- On the panel, there is a main power line/timing/temperature and pressure controller
- There are packing and oil level alarm lights on the main version
- EN1202 Standard
- 6 outlet

Parameter

Power	Single-Phase	Three-Phase
Level	4	
Oil	6L	
Noise	< 70	
Inflate Min	0.22	

Model	Air Flow		Power KW	Voltage	Speed RPM	Weight KG/LBS	Dimension L*W*H
	L/min	CFM					
	700	25	15	380-400V	1120	710/1596	160X92X164
				400-440V			
				200-230V			
	900	31.5	22	380-400V	1320	725/1599	106*42*57
				400-440V			
				200-230V			

Tachen Innovation

Website: <https://www.tch-offical.com>

Email: contact@ti-chuan.com.cn

Mobile: 0086 18626302806

Address: No.29-2 Luou Road, Hudai Industry Park,
Binhu District, Wuxi city 214126

Online:

Skype: forestchina1983

QQ: 718782827

Wechat | Whatsapp: 0086 18626302806

Technical Support:

compressors@ti-chuan.com

