

Breathing Air
Compressors



Professional / Dedicated / Focus

LUXON COMPRESSOR GMC SERIES



**ZHEJIANG LUXON
COMPRESSORS CO.,LTD.**

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WELCOME TO LUXON

LUXON Introduction

ZHEJIANG LUXON COMPRESSORS CO.,LTD. is the world's leading professional manufacturer of high pressure compressors.It is a state-level high-tech enterprise integrating research, development, production and sales. It focuses on high-pressure compression solutions of various gases (Pressure range 100-1000bar).We have a range of air compressors that could compress air, breathing air, hydrogen, helium, nitrogen, argon, natural gas, noble gases, poisonous gases, etc . The LUXON series is mainly used in industries including Fire-fighting, Diving, Aerospace, Special testing , Civil defense, Dynamic experiment, Offshore exploration, Petroleum development, Rare gas recovery, Natural gas station, Household natural gas compressor and Nuclear power and hydropower projects .

The main products includes high-pressure air compressor, breathing air compressor, high-pressure nitrogen compressor, high-pressure oxygen compressor, high-pressure oil and natural gas CNG compressor, high-pressure rare gas compressor, military-standard high-pressure compressor (customized).What is more, the LUXON team offers a ALL IN ONE one-stop solution and turn-key project . The Complete Solution from One Manufacturer: Gas compression and control, Safety tests, Purification and Filtration of air, Storage and Distribution etc .

With its excellent design, manufacturing technology and strict standardized management, LUXON is expanding with fast speed throughout the world. In order to provide high-quality products and services to global users, LUXON has dealers and after-sales service sites in Germany, the United States, South Korea, Singapore, Brazil and other countries and regions.



Company History

LUXON founded in 2002 , start from OEM

2002-Founded company in Jinqing ,Zhejiang

2006-Named as WENLING CAITONGJIGAO MACHINE FACTORY.

2011-Upgraded name into WENLING THUNDER ELECTROMECHANICAL CO.,LTD.

2013-Invested in SHANGHAI CAITONGJIGAO COMPRESSOR CO., LTD.

Invested in SHANGHAI GAIMATE COMPRESSOR CO., LTD.

2016-Name as ZHEJIANG GEMMAIR COMPRESSORS CO.,LTD.(Registered capital 14million RMB)

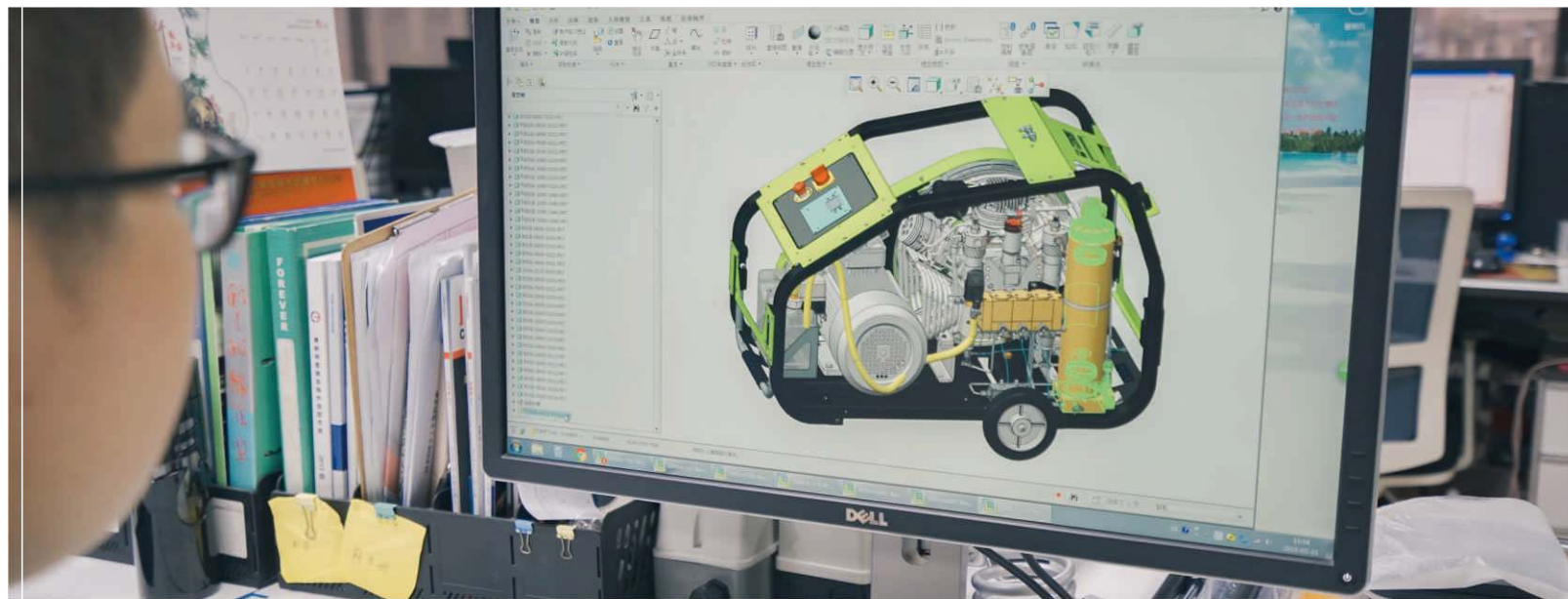
2017-New head office was completed with more than 10, 000 square meters .

Name as ZHEJIANG LUXON COMPRESSORS CO.,LTD.

2018-Acquisition of a share of IDE-COMPRESSORS MAUFAKTUR GMBH.

LUXON COMPRESSORS

Professional / Dedicated / Focus



All New Portable Breathing Air Compressor

GMC 100/SH/ET/EM Standard Series is Luxon's newest design, they are cost-effective, reliable and portable. Being small and light-weight, it can be fitted into the boot of the car. Perfect for those in the fire-fighting, chemical and diving industry.

It is applicable for use in a range of industries including: Recreational Diving, Defence, Shipbuilding and Medical Engineering.

GMC100/SH/ET/EM STD

- **Capacity:**
100L/min
- **Working Pressure:**
Positive pressure air breather
filling pressure: 300bar
SCUBA(Aqualung)
filling pressure: 225bar
- **Drive Option:**
SUBARU® Petrol Engine
Single Phase Electric Motor
Three Phase Electric Motor



Filling Adaptor
Common interface
for G5/8



High-precision activated
carbon molecular sieve filter
Air Compressor conforms to
the EN12021 Standards



Available Drive Options

1. Single Phase Electric Motor
2. Three Phase Electric Motor
3. 4 Stroke Petrol Engine

Block manufactured by LUXON

High-performance
4-stage design
Inter-stage cooler by air



GMC100/EM



GMC100/ET



GMC100/SH



www.LuxonCompressors.com

National toll-free hotline: 400 100 1030

All New Portable Breathing Air Compressor

GMC100/SH/ET/EM STD

Specifications

- With power line and magnetic starting switch
- Oil-water separator and filter using aluminum alloy integrated design
- Final stage safety valve offer overload protection
- Button or switch with start and stop
- Metal frame with spray coating
- Aluminum and Stainless steel interstage condenser pipe
- Mini inlet silencer filter
- Active carbon molecular sieve filter
- Condensate drain valve

Standard Configuration

Pictures	Type Number	Booking Number	Quantity
	High pressure hose 12*1200	G03C-BZ2D-0006	1PC
	Filling adaptor	G05B-VL31-A300	1PC
	LUXON dedicated lubricating oil	G02A-E18I-0084	0.4L
	Activated carbon filter cartridge -HL10	G10B-HL10-F000	1PC
	Intake filter -60*40	G10B-KL10-0100	1PC

Available Options

Pictures	Type Number	Booking Number	Quantity
	Transform adaptor	G03C-BZ2D-0007	1PC
	DIN / INT Adaptor	B30G-0000-0000	1PC
	Filling valve	G09B-BI01-FF10	1PC
	Filling valve with gauge	G02C-E18I-0012	1PC
	β control system		
	Filter cartridge monitoring system		
	Stainless steel frame		
	Autostop		
	Autodrain		

Data				
Drive	Single Phase Electric Motor	Three Phase Electric Motor	GASOLINE	Remark
Stage		4		
Fuel Quantity L		0.35		
Noise Level dB		80		
Breathing air standard		EN12021		
Working Pressure Bar		225/300		
Filling time Min		2		Time to fill 1L cylinder 0-100Bar(0-3000psi)

Type	Booking Number	Capacity		Power	Drive Options	Rotation Speed	Weight	Volume
		L/MIN	CFM	KW		RPM	KG/LBS	L*W*H
GMC100/ET	G02B-B06I-PF30	100	3.5	3.0	400-440V 50Hz Three Phase Electric Motor	2800	40/88.3	516*378*432
	G02B-B06I-PG30	100	3.5	3.0	400-440V 60Hz Three Phase Electric Motor	2800	40/88.3	516*378*432
	G02B-B06I-P730	100	3.5	3.0	380-400V 50Hz Three Phase Electric Motor	2800	40/88.3	516*378*432
	G02B-B06I-P830	100	3.5	3.0	380-400V 60Hz Three Phase Electric Motor	2800	40/88.3	516*378*432
	G02B-B06I-PH30	100	3.5	3.0	220-230 V 50HZ Three Phase Electric Motor	2800	40/88.3	516*378*432
	G02B-B06I-P930	100	3.5	3.0	220-230 V60HZ Three Phase Electric Motor	2800	40/88.3	516*378*432
GMC100/EM	G02B-B05I-P130	80	2.8	2.2	220V 50Hz Single Phase Electric Motor	2240	42/93	516*378*432
	G02B-B05I-P230	80	2.8	2.2	220V 60Hz Single Phase Electric Motor	2240	42/93	516*378*432
GMC100/SH	G02B-B06I-PD30	100	3.5	4.2hp	SUBARU® Petrol Engine	2800	38/84	684*356*432

① SUBARU Trademark was registered by SUBARU CORPORATION

② LUXON dedicated consumable



www.LuxonCompressors.com

All New Semi-Portable Breathing Air Compressor

GMC 215/265/300 SH/ET Standard Series has a size between the portable and stationary range of compressors. Its smaller build than a stationary compressor allows for greater mobility and portability. Two high pressure hoses are included in the standard configuration, which can inflate two cylinders at the same time, increasing efficiency. The final stage safety valve prevents the compressor from overloading in case of misoperation.

It is applicable for use in a range of industries including: Fire fighting industry, Chemical industry, Mining, Diving service station and other industries with high usage demands.

GMC215/265/300/SH/ET STD

- **Capacity:**
215–300L/min
- **Working Pressure:**
Positive pressure air breather filling pressure: 300bar
SCUBA(Aqualung) filling pressure: 225bar
- **Drive Option:**
SUBARU® Petrol Engine
Single Phase Electric Motor
Three Phase Electric Motor

High-precision activated carbon molecular sieve filter Air Compressor conforms to the EN12021 Standards



Filling Adaptor
Common interface for G5/8
Filling switch and pressure release knob integrated design



Block manufactured by LUXON
High-performance 3-stage design
Aluminum and stainless steel interstage condenser pipe
Interstage safety valve



GMC215/265/300ET



GMC300/SH

Available Drive Options
1. Single Phase Electric Motor
2. Three Phase Electric Motor
3. 4 Stroke Petrol Engine



www.LuxonCompressors.com

National toll-free hotline: 400 100 1030



www.LuxonCompressors.com

All New Semi-Portable Breathing Air Compressor

GMC215/265/300/SH/ET STD

Specifications

- 3-cylinder, 3-stage compressor
- Drive: Single Phase Electric Motor, Three Phase Electric Motor, Petrol Engine
- Two high pressure hoses with two filling valves
- Final stage safety valve offer overload protection
- Metal frame with spraying coating
- Aluminum and stainless steel interstage condenser pipe
- Active carbon molecular sieve filter
- Condensate drain valve
- Mini inlet silencer filter
- Breathing air conforms to the EN12021 Standards

Standard Configuration

Pictures	Type Number	Booking Number	Quantity
	High pressure hose-12*1200	G03C-BZ2D-0006	2PCS
	Filling valve	G05B-VL32-A300	2PCS
	LUXON dedicated lubricating oil	G02A-E18I-0084	2L
	Activated carbon filter cartridge	G10B-HL21-F000	1PC
	Intake filter-61*25	G10B-KL21-0300	1PC
	Tool kit zipper pouch (with 1 collapsible filling funnel and 1 wrench)	G01B-D00D-0001	1PC

Available Options

Pictures	Type Number	Booking Number	Quantity
	Transform adaptor	0000016101	1PC
	DIN / INT Adaptor	B30G-0000-0000	1PC
	Filling valve with gauge	G05B-VL31-A300	1PC
	β 1 control system	G09B-B101-FF10	1PC
	β 2 control system	G09B-B111-FF10	1PC
	Filter cartridge monitoring system	G02C-E18I-0012	1PC
	Stainless steel frame		
	Manual emergency stop		
	Autostop		

Data				
Drive	Single Phase Electric Motor	Three Phase Electric Motor	GASOLINE	Remark
Stage	3			
Fuel Quantity L	2			
Noise Level dB	≤80	≤85	≤90	
Breathing air standard	EN12021			
Working Pressure Bar	225/300			
Filling time Min	0.67		Time to fill 1L cylinder 0–200Bar(0–3000psi) with capacity 300L/min compressor	

Type	Booking Number	Capacity		Power	Drive Options	Rotation Speed	Weight	Volume
		L/min	cfm	Kw		rpm	Kg/Lbs	L*W*H
GMC215/ET	G02B-D13I-P730	215	7.6	4.0	380–400V 50Hz Three Phase Electric Motor	1250	124/273	1100*498*655
	G02B-D13I-P830	215	7.6	4.0	380–400V 60Hz Three Phase Electric Motor	1250	124/273	1100*498*655
	G02B-D13I-PF30	215	7.6	4.0	400–440V 50Hz Three Phase Electric Motor	1250	124/273	1100*498*655
	G02B-D13I-PG30	215	7.6	4.0	400–440V 60Hz Three Phase Electric Motor	1250	124/273	1100*498*655
	G02B-D13I-PH30	215	7.6	4.0	220–230V 50HZ Three Phase Electric Motor	1250	124/273	1100*498*655
	G02B-D13I-P930	215	7.6	4.0	220–230V 60HZ Three Phase Electric Motor	1250	124/273	1100*498*655
GMC265/ET	G02B-D16I-P730	265	9.3	5.5	380–400V 50Hz Three Phase Electric Motor	1480	134/295	1100*498*655
	G02B-D16I-P830	265	9.3	5.5	380–400V 60Hz Three Phase Electric Motor	1480	134/295	1100*498*655
	G02B-D16I-PF30	265	9.3	5.5	400–440V 50Hz Three Phase Electric Motor	1480	134/295	1100*498*655
	G02B-D16I-PG30	265	9.3	5.5	400–440V 60Hz Three Phase Electric Motor	1480	134/295	1100*498*655
	G02B-D16I-PH30	265	9.3	5.5	220–230V 50HZ Three Phase Electric Motor	1480	134/295	1100*498*655
	G02B-D16I-P930	265	9.3	5.5	220–230V 60HZ Three Phase Electric Motor	1480	134/295	1100*498*655
GMC300/ET	G02B-D18I-P730	300	10.6	7.5	380–400V 50Hz Three Phase Electric Motor	1800	144/318	1100*498*655
	G02B-D18I-P830	300	10.6	7.5	380–400V 60Hz Three Phase Electric Motor	1800	144/318	1100*498*655
	G02B-D18I-PF30	300	10.6	7.5	400–440V 50Hz Three Phase Electric Motor	1800	144/318	1100*498*655
	G02B-D18I-PG30	300	10.6	7.5	400–440V 60Hz Three Phase Electric Motor	1800	144/318	1100*498*655
	G02B-D18I-PH30	300	10.6	7.5	220–230V 50HZ Three Phase Electric Motor	1800	144/318	1100*498*655
	G02B-D18I-P930	300	10.6	7.5	220–230V 60HZ Three Phase Electric Motor	1800	144/318	1100*498*655
GMC300/SH	G02B-D18I-PD30	300	10.6	9.5HP	SUBARU® Petrol Engine	1750	119/262	1100*498*655

① SUBARU Trademark was registered by SUBARU CORPORATION

② LUXON dedicated consumable



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Automatic Control Gas-Filling Station

Gas-filling station GMC 215/265/300/ET K is designed for those that have large charging requirements such as the fire fighting unit . This series possess perfect protection for the operator .It also has automatic functions that will further convenience the user. Its silent design effectively blocks out noise and can be installed indoor . It is applicable for use in a range of industries including: Fire fighting industry , Chemical industry, Mining , Diving service station and other industries with demands for higher usage .

GMC215/265/300/ET K

- **Capacity:**
215–300L/min
 - **Working Pressure:**
Positive pressure air breather
filling pressure: 300bar
SCUBA(Aqualung)
filling pressure: 225bar
- **Drive Option:**
Single Phase Electric Motor
Three Phase Electric Motor

Filling Adaptor
Common interface for G5/8
Filling switch and pressure
release knob integrated design



**Block manufactured
by LUXON**
High-performance
3-stage design
Aluminum and stainless steel
interstage condenser pipe
Interstage safety valve

High-precision activated
carbon molecular sieve
filter Air Compressor
conforms to the EN12021
Standards



**Available Drive
Options**
1. Single Phase
Electric Motor
2. Three Phase
Electric Motor

National toll-free hotline: 400 100 1030



www.LuxonCompressors.com

Automatic Control Gas-Filling Station GMC215/265/300/ET K

Specifications

- Vertical box design
 - Highly effective 3-cylinder , 3-stage compressor
 - Each stage with safety valve
 - Three Phase Electric Motor
 - Pressure gauge on the panel show each cylinder's pressure
 - Autodrain condensation with collection bin
- Active carbon molecular sieve triple filtration system
 - Auto-unload when stop
 - Aluminum and stainless steel interstage condenser pipe
 - Interstage oil-water separator and autodrain condensation
 - Autostop when over maximum pressure
 - Main power breaker/Hour meter/Temperature pressure controller on the panel
- Control panel integrated start/stop/emergency stop/manual drain test button
 - Steering and oil level warning lights on panel
 - Two high pressure hoses with venting function G5/8 interface filling valve
 - Breathing air conforms to the EN12021 Standards

Standard Configuration

Pictures	Type Number	Booking Number	Quantity
	High pressure hose-12*1200	G03C-BZ2D-0006	2PCS
	Filling valve	G05B-VL32-A300	2PCS
	LUXON dedicated lubricating oil	G02A-E18I-0084	2L
	Activated carbon filter cartridge	G10B-HL21-F000	1PC
	Intake filter	G10B-KL21-0300	1PC
	Tool kit zipper pouch (with 1 collapsible filling funnel and 1 wrench)	G01B-D00D-0001	1PC

Available Options

Pictures	Type Number	Booking Number	Quantity
	Transform adaptor	0000016101	1PC
	DIN / INT Adaptor	B30G-0000-0000	1PC
	Filling valve with gauge	G05B-VL31-A300	1PC
	Filtration system Ax21	G10B-AX21-F030	1PC
	Filtration system AY31-T	G10B-AY31-T040	1PC
	Industrial plug FOGO 024116	D29A-3400-032A	1PC
	Industrial socket FOGO 324126	D29C-3400-032A	1PC
	α control system	G09B-B I01-FF10	1PC

Data			
Drive	Single Phase Electric Motor	Three Phase Electric Motor	Remark
Stage	3		
Fuel Quantity L	2		
Noise Level dB	≤75	≤75	
Breathing air standard	EN12021		
Working Pressure Bar	225/300		
Filling time Min	0.67	Time to fill 1L cylinder 0–200Bar(0–3000psi) with capacity 300L/min compressor	

Type	Booking Number	Capacity		Power Kw	Drive Options	Rotation Speed	Weight	Volume
		L/min	cfm			rpm	Kg/Lbs	L*W*H
GMC215/ET K	G02B-D13I-K730	215	7.6	4.0	380–400V 50Hz Three Phase Electric Motor	1250	190/419	1200*1000*680
	G02B-D13I-K830	215	7.6	4.0	380–400V 60Hz Three Phase Electric Motor	1250	190/419	1200*1000*680
	G02B-D13I-KF30	215	7.6	4.0	400–440V 50Hz Three Phase Electric Motor	1250	190/419	1200*1000*680
	G02B-D13I-KG30	215	7.6	4.0	400–440V 60Hz Three Phase Electric Motor	1250	190/419	1200*1000*680
	G02B-D13I-KH30	215	7.6	4.0	220–230V 50HZ Three Phase Electric Motor	1250	190/419	1200*1000*680
	G02B-D13I-K930	215	7.6	4.0	220–230V 60HZ Three Phase Electric Motor	1250	190/419	1200*1000*680
GMC265/ET K	G02B-D16I-K730	265	9.3	5.5	380–400V 50Hz Three Phase Electric Motor	1480	200/441	1200*1000*680
	G02B-D16I-K830	265	9.3	5.5	380–400V 60Hz Three Phase Electric Motor	1480	200/441	1200*1000*680
	G02B-D16I-KF30	265	9.3	5.5	400–440V 50Hz Three Phase Electric Motor	1480	200/441	1200*1000*680
	G02B-D16I-KG30	265	9.3	5.5	400–440V 60Hz Three Phase Electric Motor	1480	200/441	1200*1000*680
	G02B-D16I-KH30	265	9.3	5.5	220–230V 50HZ Three Phase Electric Motor	1480	200/441	1200*1000*680
	G02B-D16I-K930	265	9.3	5.5	220–230V 60HZ Three Phase Electric Motor	1480	200/441	1200*1000*680
GMC300/ET K	G02B-D18I-K730	300	10.6	7.5	380–400V 50Hz Three Phase Electric Motor	1800	215/474	1200*1000*680
	G02B-D18I-K830	300	10.6	7.5	380–400V 60Hz Three Phase Electric Motor	1800	215/474	1200*1000*680
	G02B-D18I-KF30	300	10.6	7.5	400–440V 50Hz Three Phase Electric Motor	1800	215/474	1200*1000*680
	G02B-D18I-KG30	300	10.6	7.5	400–440V 60Hz Three Phase Electric Motor	1800	215/474	1200*1000*680
	G02B-D18I-KH30	300	10.6	7.5	220–230V 50HZ Three Phase Electric Motor	1800	215/474	1200*1000*680
	G02B-D18I-K930	300	10.6	7.5	220–230V 60HZ Three Phase Electric Motor	1800	215/474	1200*1000*680

② LUXON dedicated consumable

Super Silent Gas-Filling Station

Super silent gas-filling station GMC 215/265/300/ET SILENT is designed for those with higher filling requirements, such as the fire fighting unit. This series possess perfect protection for the user and also allows for automatic operations that will boost convenience for its user . With its super silent design , it can be installed indoor .

It is applicable for use in a range of industries including: Fire fighting industry , Chemical industry, Mining , Diving service station and industries that have high filling rate demands .



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GMC215/265/300/ET SILENT

- **Capacity:**
215–300L/min

• **Drive Option :**
Single Phase Electric Motor
Three Phase Electric Motor

• **Working Pressure:**
Positive pressure air breather
filling pressure: 300bar
SCUBA(Aqualung)
filling pressure: 225bar

Filling Adaptor
Common interface for G5/8
Filling switch and pressure
release knob integrated design



**Block manufactured
by LUXON**
High-performance
3-stage design
Aluminum and stainless steel
interstage condenser pipe
Interstage safety valve



High-precision activated
carbon molecular sieve filter
Air Compressor conforms to
the EN12021 Standards



Available Drive Options
1. Single Phase Electric Motor
2. Three Phase Electric Motor

National toll-free hotline: 400 100 1030



www.LuxonCompressors.com

Super Silent Gas-Filling Station

GMC215/265/300/ET SILENT

Specifications

- Vertical box design
 - Highly effective 3-cylinder , 3-stage compressor
 - Each stage with safety valve
 - Three Phase Electric Motor
 - Pressure gauge on the panel show each cylinder's pressure
 - Autodrain condensation with collection bin
- Active carbon molecular sieve triple filtration system
 - Auto-unload when stop
 - Aluminum and stainless steel interstage condenser pipe
 - Interstage oil-water separator and autodrain condensation
 - Autostop when over maximum pressure
 - Main power breaker/Hour meter/Temperature pressure
- controller on the panel
 - Control panel integrated start/stop/emergency stop/manual drain test button
 - Steering and oil level warning lights on panel
 - Two high pressure hoses with venting function
 - G5/8 interface filling valve
 - Breathing air conforms to the EN12021 Standards

Standard Configuration

Pictures	Type Number	Booking Number	Quantity
	Oil discharge hose	G07C-E18L-0020	1PC
	High pressure hose-12*1200	G03C-BZ2D-0006	2PCS
	Filling valve	G05B-VL32-A300	2PCS
	LUXON dedicated lubricating oil	G02A-E18l-0084	2L
	Activated carbon filter cartridge -HI21	G10B-HL21-F000	1PC
	Intake filter-61*25	G10B-KL21-0300	1PC
	Tool kit zipper pouch (with 1 collapsible filling funnel and 1 wrench)	G01B-D00D-0001	1PC

Available Options

Pictures	Type Number	Booking Number	Quantity
	Transform adaptor	0000016101	1PC
	DIN / INT Adaptor	B30G-0000-0000	1PC
	Filling valve with gauge	G05B-VL31-A300	1PC
	Filtration system Ax21	G10B-AX21-F030	1PC
	Filtration system AY31-T	G10B-AY31-T040	1PC
	Industrial plug FOGO 024116	D29A-3400-032A	1PC
	Industrial socket FOGO 324126	D29C-3400-032A	1PC
	α control system	G09B-B I01-FF10	1PC

Data			
Drive	Single Phase Electric Motor	Three Phase Electric Motor	Remark
Stage	3		
Fuel Quantity L	2		
Noise Level dB	≤65	≤68	
Breathing air standard	EN12021		
Working Pressure Bar	225/300		
Filling time Min	0.67	Time to fill 1L cylinder 0-200Bar(0-3000psi) with capacity 300L/min compressor	

Type	Booking Number	Capacity		Power	Drive Options	Rotation Speed	Weight	Volume
		L/min	cfm	Kw		rpm	Kg/Lbs	L*W*H
GMC215/ET SILENT	G02B-D13l-Q730	215	7.6	4.0	380-400V 50Hz Three Phase Electric Motor	1250	235/518	1200*1000*680
	G02B-D13l-Q830	215	7.6	4.0	380-400V 60Hz Three Phase Electric Motor	1250	235/518	1200*1000*680
	G02B-D13l-QF30	215	7.6	4.0	400-440V 50Hz Three Phase Electric Motor	1250	235/518	1200*1000*680
	G02B-D13l-QG30	215	7.6	4.0	400-440V 60Hz Three Phase Electric Motor	1250	235/518	1200*1000*680
	G02B-D13l-QH30	215	7.6	4.0	220-230V 50HZ Three Phase Electric Motor	1250	235/518	1200*1000*680
	G02B-D13l-Q930	215	7.6	4.0	220-230V 60HZ Three Phase Electric Motor	1250	235/518	1200*1000*680
GMC265/ET SILENT	G02B-D16l-Q730	265	9.3	5.5	380-400V 50Hz Three Phase Electric Motor	1480	245/540	1200*1000*680
	G02B-D16l-Q830	265	9.3	5.5	380-400V 60Hz Three Phase Electric Motor	1480	245/540	1200*1000*680
	G02B-D16l-QF30	265	9.3	5.5	400-440V 50Hz Three Phase Electric Motor	1480	245/540	1200*1000*680
	G02B-D16l-QG30	265	9.3	5.5	400-440V 60Hz Three Phase Electric Motor	1480	245/540	1200*1000*680
	G02B-D16l-QH30	265	9.3	5.5	220-230V 50HZ Three Phase Electric Motor	1480	245/540	1200*1000*680
	G02B-D16l-Q930	265	9.3	5.5	220-230V 60HZ Three Phase Electric Motor	1480	245/540	1200*1000*680
GMC300/ET SILENT	G02B-D18l-Q730	300	10.6	7.5	380-400V 50Hz Three Phase Electric Motor	1800	255/562	1200*1000*680
	G02B-D18l-Q830	300	10.6	7.5	380-400V 60Hz Three Phase Electric Motor	1800	255/562	1200*1000*680
	G02B-D18l-QF30	300	10.6	7.5	400-440V 50Hz Three Phase Electric Motor	1800	255/562	1200*1000*680
	G02B-D18l-QG30	300	10.6	7.5	400-440V 60Hz Three Phase Electric Motor	1800	255/562	1200*1000*680
	G02B-D18l-QH30	300	10.6	7.5	220-230V 50HZ Three Phase Electric Motor	1800	255/562	1200*1000*680
	G02B-D18l-Q930	300	10.6	7.5	220-230V 60HZ Three Phase Electric Motor	1800	255/562	1200*1000*680

② LUXON dedicated consumable

High Flow Super Silent Gas-Filling Station

High flow super silent gas-filling station GMC 700/800/900/ET SILENT is designed for those with higher filling requirements, such as the fire fighting unit. This series possess perfect protection for the user and also allows for automatic operations that will boost convenience for its user . With its super silent design , it can be installed indoor .It is applicable for use in a range of industries including: Fire fighting industry , Chemical industry, Mining , Diving service station and industries that have high filling rate demands .



GMC700/800/900/ET SILENT

- **Capacity:**
700–900L/min
 - **Drive Option:**
Single Phase Electric Motor
Three Phase Electric Motor
- **Working Pressure:**
Positive pressure air breather filling pressure: 300bar
SCUBA(Aqualung) filling pressure: 225bar

Filling Valve
Common interface for G5/8
Filling switch and pressure
release knob integrated design



High-precision activated carbon molecular sieve filter Air Compressor conforms to the EN12021 Standards



Available Drive Options
1. Single Phase Electric Motor
2. Three Phase Electric Motor



Block manufactured by LUXON
High-performance 4-stage design
Aluminum and stainless steel interstage condenser pipe
Interstage safety valve
Interstage oil-water separator

National toll-free hotline: 400 100 1030



High Flow Super Silent Gas-Filling Station GMC700/800/900/ET SILENT

Specifications

- Vertical box super silence design
 - Highly effective X 4-cylinder , 4-stage compressor (Pressure 500bar with 5-cylinder , 5-stage compressor)
 - Each stage with safety valve
 - Pressure gauge on the panel show each cylinder's pressure
 - Oil pump pressure lubricate with lubricating oil filter
 - Oil pressure gauge on panel
- Autodrain condensate water with noise elimination
 - Condensate collection tank
 - Large capacity active carbon molecular sieve triple filtration system
 - Auto-unload when stop
 - Stainless steel interstage condenser pipe
 - Interstage oil-water separator and autodrain condensation
- Main power breaker/Hour meter/Temperature pressure controller on the panel
 - Control panel integrated start/stop/emergency stop/manual drain test button
 - Steering and oil level warning lights on panel
 - Compressed air conforms to the EN12021 Standards

Standard Configuration

Pictures	Type Number	Booking Number	Quantity
	Oil drainage hose	G07C-E18L-0020	1PC
	LUXON dedicated lubricating oil	G02A-E18I-0084	6L
	Activated carbon filter cartridge	G10B-HL40-F000	1PC
	Intake filter	G10B-KL30-1000	1PC
	Tool kit zipper pouch (with 1 collapsible filling funnel and 1 wrench)	G01B-D00D-0001	1PC

Available Options

Pictures	Type Number	Booking Number	Quantity
	Transform adaptor	0000016101	1PC
	DIN/INT Adaptor	B30G-0000-0000	1PC
	Filling valve with gauge	G05B-VL31-A300	1PC
	Industrial plug FOGO 024116	D29A-3400-032A	1PC
	Industrial socket FOGO 324126	D29C-3400-032A	1PC
	Filling valve	G05B-VL32-A300	4PCS
	High pressure hose -12*1200-12*1200	G03C-BZ2D-0006	4PCS
	α control system	G09B-B I01-FF10	1PC
	Six output devices support filling six cylinders at the same time		1PC

Data			
Drive	Single Phase Electric Motor	Three Phase Electric Motor	Remark
Stage	4		
Fuel Quantity L	6		
Noise Level dB	≤70	≤70	
Breathing air standard	EN12021		
Working Pressure Bar	225/300		
Filling time Min	0.22	Time to fill 1L cylinder 0–200Bar(0–3000psi) with capacity 900L/min compressor	

Type	Booking Number	Capacity		Power	Drive Options	Rotation Speed	Weight	Volume
		L/min	cfm	Kw		rpm	Kg/Lbs	L*W*H
GMC700/ET SILENT	G02B-G42I-Q730	700	25	15	380–400V 50Hz Three Phase Electric Motor	1000	710/1566	1600*920*1640
	G02B-G42I-Q830	700	25	15	380–400V 60Hz Three Phase Electric Motor	1000	710/1566	1600*920*1640
	G02B-G42I-QF30	700	25	15	400–440V 50Hz Three Phase Electric Motor	1000	710/1566	1600*920*1640
	G02B-G42I-QG30	700	25	15	400–440V 60Hz Three Phase Electric Motor	1000	710/1566	1600*920*1640
	G02B-G42I-QH30	700	25	15	220–230V 50HZ Three Phase Electric Motor	1000	710/1566	1600*920*1640
	G02B-G42I-Q930	700	25	15	220–230V 60HZ Three Phase Electric Motor	1000	710/1566	1600*920*1640
GMC800/ET SILENT	G02B-G48I-Q730	800	28	18.5	380–400V 50Hz Three Phase Electric Motor	1120	715/1577	1600*920*1640
	G02B-G48I-Q830	800	28	18.5	380–400V 60Hz Three Phase Electric Motor	1120	715/1577	1600*920*1640
	G02B-G48I-QF30	800	28	18.5	400–440V 50Hz Three Phase Electric Motor	1120	715/1577	1600*920*1640
	G02B-G48I-QG30	800	28	18.5	400–440V 60Hz Three Phase Electric Motor	1120	715/1577	1600*920*1640
	G02B-G48I-QH30	800	28	18.5	220–230V 50HZ Three Phase Electric Motor	1120	715/1577	1600*920*1640
	G02B-G48I-Q930	800	28	18.5	220–230V 60HZ Three Phase Electric Motor	1120	715/1577	1600*920*1640
GMC900/ET SILENT	G02B-G54I-Q730	900	31.5	22	380–400V 50Hz Three Phase Electric Motor	1320	725/1599	1600*920*1640
	G02B-G54I-Q830	900	31.5	22	380–400V 60Hz Three Phase Electric Motor	1320	725/1599	1600*920*1640
	G02B-G54I-QF30	900	31.5	22	400–440V 50Hz Three Phase Electric Motor	1320	725/1599	1600*920*1640
	G02B-G54I-QG30	900	31.5	22	400–440V 60Hz Three Phase Electric Motor	1320	725/1599	1600*920*1640
	G02B-G54I-QH30	900	31.5	22	220–230V 50HZ Three Phase Electric Motor	1320	725/1599	1600*920*1640
	G02B-G54I-Q930	900	31.5	22	220–230V 60HZ Three Phase Electric Motor	1320	725/1599	1600*920*1640

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