

OIL-INJECTED ROTARY SCREW COMPRESSORS

G 2-5/G 7-11/G 15-22/G 30-45/G 55-75 (2-75 kW / 3-100 hp)



Atlas Copco



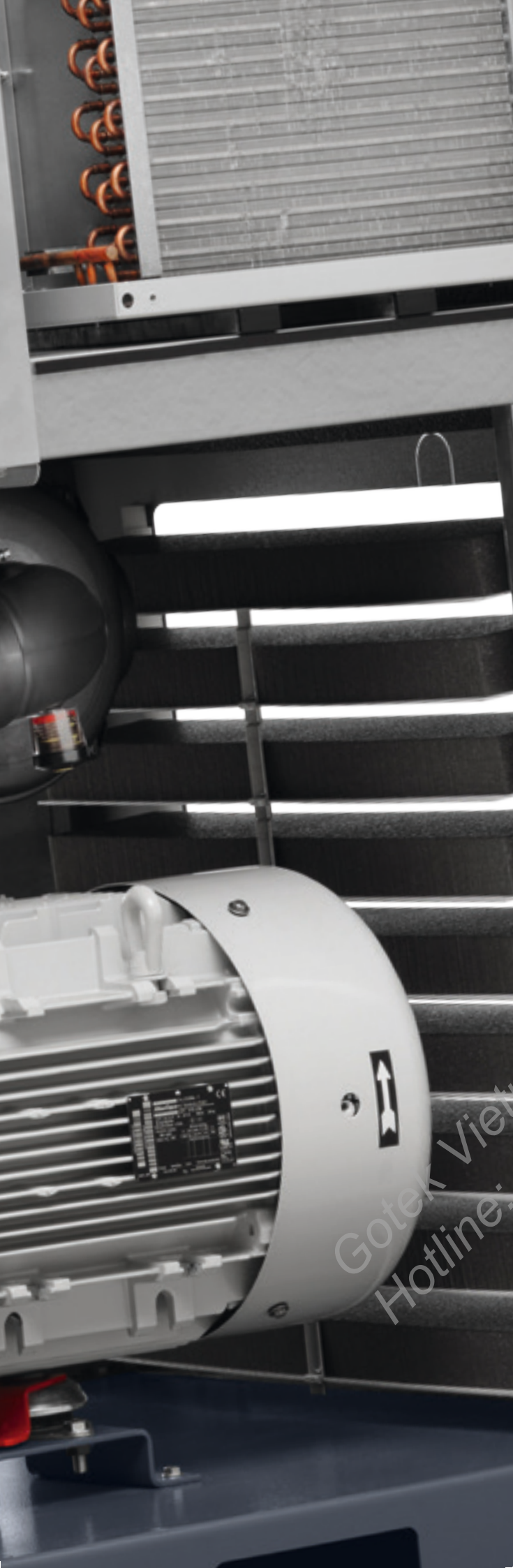


ATLAS COPCO WORLDWIDE

Atlas Copco, based in Stockholm, Sweden and founded in 1873, is an industrial group with a world-leading position in compressors, construction and mining equipment, power tools and assembly systems. Atlas Copco provides optimized compressed air solutions through sustainable productivity.

NEW G SERIES: SCREW COMPRESSORS BUILT TO LAST

Atlas Copco compressors have always set the standard for reliability and performance in the compressed air industry. With the new G 2-5, G 7-22, G 30-45 and G 55-75, Atlas Copco brings the power and durability of an industrial screw compressor to any type of small or medium sized industry.



Built-in reliability

- Rugged screw compressor technology for a 100% continuous duty cycle.
- Up to 46°C ambient temperature conditions thanks to the selection of robust components.
- Electro pneumatically operated inlet valve for stable running and a long life time.

Easy installation

- Wireless concept.
- Multiple variants (floor and tank mounted, with or without integrated dryer) for full flexibility.
- Minimum footprint and cooling air discharge from the top allows placement against the wall or in a corner.

Simple & quick maintenance

- Patented cooler for easy cleaning and maintenance.
- Grouped service points accessible through the removable panel.
- Spin-on oil separator and filter.

G 2-5/G 7-11/G 15-22/G 30-45/G 55-75 A ROBUST MULTIPLE OFFER

Atlas Copco's G compressors bring you outstanding sustainability, reliability and performance, while minimizing the total cost of ownership. This range provides you with the compressed air solution that perfectly matches your requirements with clear value propositions. Built to perform even in the harshest environments, these compressors keep your production running efficiently.

1

Robust element & motor

- The G's compression element, the most used in its size.
- 2-3% higher efficiency with V-belt compared to other belt-driven systems on the G 2-22.
- Gear-driven drive train on G 30-75 for unequaled reliability and limited maintenance.

2

Advanced monitoring

- State-of-the-art monitoring using a simple Ethernet connection.
- Service and warning indications, error detection and compressor shut-down.
- Optional Elektronikon® graphic controller for further enhanced remote monitoring features and service time indications.

3

High tech oil vessel

- Protection from oil contamination: extremely low oil carry-over thanks to the vertical design of the oil vessel.
- Extremely low losses of compressed air during load/unload cycle thanks to minimized oil vessel size.



Gotek Vietnam Ltd, CO.
Hotline: (090) 696-6535

4

Integrated quality air solutions

- The integrated dryer avoids condensation and corrosion in the network. Optional filters for air quality up to class 1 level (<0.01 ppm).
- Standard included water-separator.
- Additional energy savings with the dryer's no-loss mechanic drain.



5

Easy installation

- A true plug-and-play solution, ideal machine for installation companies and OEMs.
- Easy transportation by forklift.
- Remarkably compact footprint.

TECHNICAL SPECIFICATIONS

G 2-5/G 7-11/G 15-22/G 30-45/G 55-75 – 50 Hz

COMPRESSOR TYPE	Pressure variant	Max. working pressure		Capacity FAD*			Installed motor power		Noise level**	Weight					
										Pack Floor		Pack Tank		FF Tank	
		bar(e)	psi	l/s	m³/min	cfm	kW	hp		kg	lbs	kg	lbs	kg	lbs
G 2	10	10.0	145	4.0	0.24	8.5	2.2	3	61	NA	NA	172	379	192	423
G 3	10	10.0	145	5.3	0.32	11.2	3	4	61	NA	NA	172	379	193	425
G 4	10	10.0	145	7.8	0.47	16.5	4	5.5	62	NA	NA	175	386	195	430
G 5	10	10.0	145	10.0	0.60	21.2	5.5	7.5	64	NA	NA	178	392	198	437
G 7	7.5	7.5	109	20.3	1.22	43.0	7.5	10	66	221	487	392	864	435	959
	8.5	8.5	123	19.0	1.14	40.2	7.5	10	66	221	487	392	864	435	959
	10	10.0	145	16.9	1.01	35.8	7.5	10	66	221	487	392	864	435	959
	13	13.0	189	13.1	0.79	27.7	7.5	10	66	221	487	392	864	435	959
G 11	7.5	7.5	109	29.1	1.75	61.6	11	15	67	238	525	409	902	452	996
	8.5	8.5	123	26.6	1.60	56.3	11	15	67	238	525	409	902	452	996
	10	10.0	145	24.3	1.46	51.5	11	15	67	238	525	409	902	452	996
	13	13.0	189	20.0	1.20	42.4	11	15	67	238	525	409	902	452	996
G 15	7.5	7.5	109	43.7	2.62	92.6	15	20	71	378	833	616	1358	701	1545
	8.5	8.5	123	40.0	2.40	84.7	15	20	71	378	833	616	1358	701	1545
	10	10.0	145	36.1	2.17	76.5	15	20	71	378	833	616	1358	701	1545
	13	13.0	189	30.5	1.83	64.6	15	20	71	378	833	616	1358	701	1545
G 18	7.5	7.5	109	52.5	3.15	111.2	18.5	25	71	406	895	644	1420	729	1607
	8.5	8.5	123	50.2	3.01	106.3	18.5	25	71	406	895	644	1420	729	1607
	10	10.0	145	43.5	2.61	92.1	18.5	25	71	406	895	644	1420	729	1607
	13	13.0	189	37.2	2.23	78.8	18.5	25	71	406	895	644	1420	729	1607
G 22	7.5	7.5	109	60.2	3.61	127.5	22	30	72	421	928	659	1453	744	1640
	8.5	8.5	123	58.3	3.50	123.5	22	30	72	421	928	659	1453	744	1640
	10	10.0	145	51.7	3.10	109.5	22	30	72	421	928	659	1453	744	1640
	13	13.0	189	45.0	2.70	95.3	22	30	72	421	928	659	1453	744	1640
G 30	7.5	7.5	109	90.0	5.40	190.6	30	40	72	674	1486	NA	NA	NA	NA
	8.5	8.5	123	86.4	5.18	183.0	30	40	72	674	1486	NA	NA	NA	NA
	10	10.0	145	79.8	4.79	169.0	30	40	72	674	1486	NA	NA	NA	NA
G 37	7.5	7.5	109	114.5	6.87	242.5	37	50	72	754	1662	NA	NA	NA	NA
	8.5	8.5	123	106.4	6.38	225.4	37	50	72	754	1662	NA	NA	NA	NA
	10	10.0	145	98.7	5.92	209.0	37	50	72	754	1662	NA	NA	NA	NA
G 45	7.5	7.5	109	132.7	7.96	281.1	45	60	73	768	1693	NA	NA	NA	NA
	8.5	8.5	123	126.7	7.60	268.4	45	60	73	768	1693	NA	NA	NA	NA
	10	10.0	145	117.0	7.02	247.8	45	60	73	768	1693	NA	NA	NA	NA
G 55	7.5	7.5	109	166.7	10.00	353.1	55	75	72	1130	2491	NA	NA	NA	NA
	8.5	8.5	123	157.0	9.42	332.5	55	75	72	1130	2491	NA	NA	NA	NA
	10.5	10.5	152	146.3	8.78	309.9	55	75	72	1130	2491	NA	NA	NA	NA
G 75	7.5	7.5	109	221.0	13.26	468.1	75	100	76	1210	2668	NA	NA	NA	NA
	8.5	8.5	123	207.2	12.43	438.8	75	100	76	1210	2668	NA	NA	NA	NA
	10.5	10.5	152	187.6	11.26	397.3	75	100	76	1210	2668	NA	NA	NA	NA

NA: Not available.

* Unit performance measured according to ISO 1217, Annex C, latest edition.

** Mean sound level according to ISO2151, tolerance 3 dB(A).



Pack Floor G 7-75



Pack Tank G 2-22



FF Tank G 2-22

COMPRESSOR TYPE	L (mm)	W (mm)	H (mm)
Pack floor-mounted			
G 7-11	767	623	972
G 15-22	1002	750	1175
G 30-45	1300	870	1630
G 55-75	1610	990	1870
Pack tank-mounted			
G 2-5	1420	550	1280
G 7-11	1500	623	1468
G 15-22	1858	750	1801
Full Feature tank-mounted			
G 2-5	1420	550	1280
G 7-11	1500	623	1468
G 15-22	1858	750	1801

TECHNICAL SPECIFICATIONS

G 2-5/G 7-11/G 15-22/G 30-45/G 55-75 – 60 Hz

COMPRESSOR TYPE	Pressure variant	Max. working pressure		Capacity FAD*			Installed motor power		Noise level**	Weight					
										Pack Floor		Pack Tank		FF Tank	
		bar(e)	psi	l/s	m³/min	cfm	kW	hp		dB(A)	kg	lbs	kg	lbs	kg
G7	100	74	107	20.3	1.22	43.0	75	10	67	221	487	392	864	435	959
	125	9.1	132	19.0	1.14	40.2	75	10	67	221	487	392	864	435	959
	150	10.8	157	16.9	1.01	35.8	75	10	67	221	487	392	864	435	959
	175	12.5	181	13.1	0.79	27.7	75	10	67	221	487	392	864	435	959
G11	100	74	107	29.1	1.75	61.6	11	15	68	238	525	409	902	452	996
	125	9.1	132	26.6	1.60	56.3	11	15	68	238	525	409	902	452	996
	150	10.8	157	24.3	1.46	51.5	11	15	68	238	525	409	902	452	996
	175	12.5	181	20.0	1.20	42.4	11	15	68	238	525	409	902	452	996
G15	100	74	107	43.0	2.58	91.0	15	20	72	378	833	616	1358	701	1545
	125	9.1	132	39.1	2.34	82.7	15	20	72	378	833	616	1358	701	1545
	150	10.8	157	34.9	2.09	73.9	15	20	72	378	833	616	1358	701	1545
	175	12.5	181	30.1	1.81	63.8	15	20	72	378	833	616	1358	701	1545
G18	100	74	107	51.6	3.09	109.2	18.5	25	72	406	895	644	1420	729	1607
	125	9.1	132	45.7	2.74	96.7	18.5	25	72	406	895	644	1420	729	1607
	150	10.8	157	42.9	2.57	90.9	18.5	25	72	406	895	644	1420	729	1607
	175	12.5	181	37.2	2.23	78.7	18.5	25	72	406	895	644	1420	729	1607
G22	100	74	107	59.7	3.58	126.4	22	30	73	421	928	659	1453	744	1640
	125	9.1	132	56.0	3.36	118.6	22	30	73	421	928	659	1453	744	1640
	150	10.8	157	51.7	3.10	109.4	22	30	73	421	928	659	1453	744	1640
	175	12.5	181	45.0	2.70	95.3	22	30	73	421	928	659	1453	744	1640
G30	100	74	107	90.1	5.41	190.8	30	40	72	674	1486	NA	NA	NA	NA
	125	9.1	132	84.1	5.05	178.1	30	40	72	674	1486	NA	NA	NA	NA
	150	10.8	157	77.1	4.63	163.3	30	40	72	674	1486	NA	NA	NA	NA
G37	100	74	107	116.2	6.97	246.1	37	50	72	754	1662	NA	NA	NA	NA
	125	9.1	132	106.8	6.41	226.2	37	50	72	754	1662	NA	NA	NA	NA
	150	10.8	157	96.4	5.78	204.2	37	50	72	754	1662	NA	NA	NA	NA
G45	100	74	107	138.8	8.33	294.0	45	60	73	768	1693	NA	NA	NA	NA
	125	9.1	132	127.9	7.67	270.9	45	60	73	768	1693	NA	NA	NA	NA
	150	10.8	157	118.1	7.09	250.1	45	60	73	768	1693	NA	NA	NA	NA
G55	100	74	107	174.3	10.46	369.1	55	75	73	1130	2491	NA	NA	NA	NA
	125	9.1	132	154.4	9.26	326.9	55	75	73	1130	2491	NA	NA	NA	NA
	150	10.8	157	141.6	8.50	300.0	55	75	73	1130	2491	NA	NA	NA	NA
G75	100	74	107	224.1	13.45	474.6	75	100	77	1210	2668	NA	NA	NA	NA
	125	9.1	132	200.2	12.01	423.9	75	100	77	1210	2668	NA	NA	NA	NA
	150	10.8	157	189.3	11.36	400.8	75	100	77	1210	2668	NA	NA	NA	NA

NA: Not available.

* Unit performance measured according to ISO 1217, Annex C, latest edition.

** Mean sound level according to ISO2151, tolerance 3 dB(A).

TAILORED TO YOUR NEEDS

Some applications may need or may benefit from additional options and more refined control and air treatment systems. To meet these needs, Atlas Copco has developed options and easily integrated compatible equipment providing the lowest cost compressed air.

	G 7-11	G 15-22	G 30-45	G 55-75
Upgrade to graphic controller	•	•	•	•
Tropical thermostat	•	•	•	•
UD+ filter	•	•	-	-
DD filter	•	•	-	-
Timing drain valve	•	•	-	-
Oversized air tank	•	-	-	-
Oversized cooler	-	•	-	-
Water separator and drain device	-	-	•	•
Energy saving box	-	-	-	•

• : Optional - : Not available

COMMITTED TO SUSTAINABLE PRODUCTIVITY

We stand by our responsibilities towards our customers, towards the environment and the people around us. We make performance stand the test of time. This is what we call – Sustainable Productivity.



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