

부마컴프레사

BUMA COMPRESSOR

We are with our customers based on superior technology and trust.



BUMA

부마콤프레사

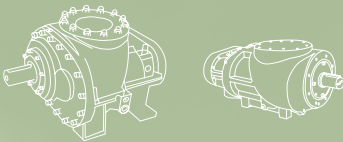
BUMA COMPRESSOR

BUMACOMPRESSOR Co, Ltd. is,

The products supplied by BUMA Compressor are the core elements of industrial sites.

With the best energy-efficient products, we always strive to increase our customers' production competitiveness and succeed in building trust from our customers.

In order to pioneer a better future with customers, we are constantly researching and developing products with improved performance and efficiency and economic feasibility.





History's

2008

- 2008.01 Established BUMACOMPRESSOR Co, Ltd.

2012

- 2012.03 Launched inverter type compressor for the first time in Korea
- 2012.05 Autonomous safety confirmation from Korea Occupational Safety and Health Agency (KOSHA)

2014

- 2014. 01 Launched Permanent Magnet type compressor for the first time in Korea.

2016

- 2016. 01 2nd generation compressor manufacturing and sales

2017

- 2017. 12 Certification of technology company from Nice D&B

2019

- 2019. 01 Changed the company name from BUMATEC to BUMACOMPRESSOR Co, Ltd.
- 2019. 01 Acquired Clean Factory

2020

- 2020. 01 Registered efficiency management equipment by Korea Energy Agency

2021

- 2021.01. Developed 3rd generation compressor
- 2021.02. Registered efficiency management equipment by Korea Energy Agency
- 2021.04 Moved to new head office and factory in Hallim, Gimhae City
- 2021.12. Opened Research and Development Center
- 2021.12. Developed new compressors in Korea

2022

- 2022.02. Launched 4 types of new compressors



Buma Compressor Line Up

PM inverter type mini screw

- Production range : 7.5 ~ 22KW
- Pressure range : 8 Bar
- Compressor type / Tank integrated type / Tank & dryer integrated type

2022년
new model

High-pressure compressor for laser cutting

- Production range : 15 ~ 22KW
- Pressure range : 16 Bar
- Compressor & Tank & Refrigeration Dryer & 4 Filters Included

2022년
new model

PM inverter type compressor

- Production range : 22 ~ 315KW
- Pressure range : 8 Bar

2022년
new model

Inverter type compressor

- Y-delta combined model
- Production range : 22 ~ 315KW
- Pressure range : 8 Bar

PM inverter type compressor

- Production range : 22 ~ 75KW
- Pressure range : 8 Bar
- Centrifugal blower applied model

PM inverter type 2-stage compressor

- Production range : 22 ~ 315KW
- Pressure range : 8 ~ 15 Bar

PM Inverter Low Voltage Compressor

- Production range : KW
- Pressure range : 8 Bar



**The best efficiency is energy saving!
Reliable “BUMA Compressor”
through strict quality control**

5 steps of perfect quality testing by BUMA



3D three-dimensional design

The product is designed based on actual usage conditions.



Component Durability Test

All parts used in Buma are subjected to a durability test.



Performance test

We carry out a perfect test according to ISO standards.



Field test

After passing all tests, field tests are conducted in accordance with various customer usage environments.

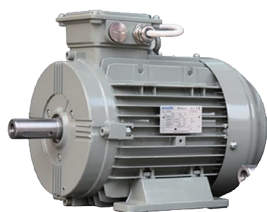


Pre-shipment testing

All compressors shipped are tested for performance in various operating environments in accordance with international standard requirements to ensure the safety of all products



Applied High-efficiency
induction motor



Applied touch screen PLC



Applied suction valve of
cylinder type



Specifications

MODEL	MOTOR POWER		PRESSURE	FLOW METER	Noise	OUTLET DIAMETER	DIMENSION			WEIGHT
	KW	HP	bar	m ³ /min	dB		L	W	H	kg
BMC-22	22	30	8	3.60	70	1"	1380	850	1160	440
BMC-37	37	50	8	6.30	72	1-1/2"	1500	1000	1330	663
BMC-55	55	75	8	9.20	74	2"	1800	1250	1670	1136
BMC-75	75	100	8	12.60	80	2"	2000	1250	1670	1321
BMC-110	110	150	8	19.80	85	2-1/2"	2300	1470	1840	1882
BMC-160	160	215	8	25.60	85	2-1/2"	2500	1600	1900	2312
BMC-185	185	250	8	30.40	88	DN100	3600	2100	2280	3135
BMC-220	220	300	8	38.20	83	DN100	3600	2100	2280	3335

※ POWER : 3PH 220V ~ 480V, 50Hz ~ 60Hz

※ The above specifications are subject to change without prior notice to improve product performance.



BMC Series

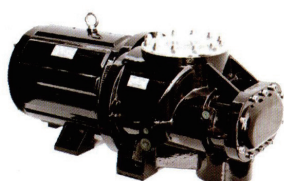
PM Inverter type



Energy Saving
Max. 42%

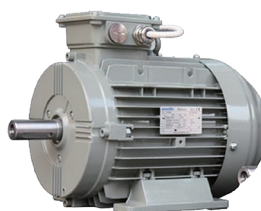
BMC-V Series

PM Inverter type

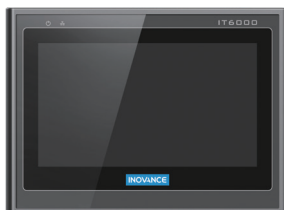


BMC-CV Series

Separated PM motor applied
(Coupling operating type)



Applied exclusive touch screen & inverter for compressor



Specifications

MODEL	MOTOR POWER		PRESSURE	FLOW METER	Noise	OUTLET DIAMETER	DIMENSION			WEIGHT
	KW	HP	bar	m ³ /min	dB		L	W	H	kg
BMC-22V	22	30	8	3.6	68	1"	1080	850	1200	308
BMC-37V	37	50	8	6.3	72	1-1/2"	1200	1000	1400	505
BMC-22CV	22	30	8	3.6	68	1"	1380	850	1160	437
BMC-37CV	37	50	8	6.3	72	1-1/2"	1500	1000	1330	660
BMC-55CV	55	75	8	9.2	78	2"	1800	1250	1670	1020
BMC-75CV	75	100	8	12.6	78	2"	1800	1250	1670	1130
BMC-110CV	110	150	8	21.5	85	2-1/2"	2300	1470	1840	1970
BMC-160CV	160	215	8	26.6	88	2-1/2"	2500	1600	1900	2800
BMC-185CV	185	250	8	30.4	88	DN100	3600	2100	2280	3500
BMC-220CV	220	300	8	38.2	88	DN100	3600	2100	2280	3600
BMC-250CV	250	330	8	42.5	88	DN100	3600	2100	2280	3800

※ POWER : 3PH 380V 60Hz

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BPM II Series

PM inverter Type



Energy Saving
Max. 42%

Applied high-performance air end



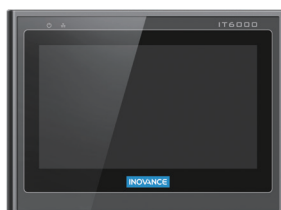
Applied low-noise centrifugal blower



Exclusive Inverter for Compressor
(simultaneous control of main motor
and fan motor)



Applied touch screen PLC



Applied suction valve of
cylinder type



Specifications

MODEL	MOTOR POWER		PRESSURE	FLOW METER	Noise	OUTLET DIAMETER	DIMENSION			WEIGHT
	KW	HP	bar	m ³ /min	dB		L	W	H	kg
BPMII-30CV	22	30	8	3.60	63	1"	1480	880	1260	468
BPMII-50CV	37	50	8	6.30	68	1-1/2"	1600	1200	1510	680
BPMII-75CV	55	75	8	9.20	73	2"	2200	1450	1600	1020
BPMII-100CV	75	100	8	12.60	73	2"	2200	1450	1600	1130
BPMII-150CV	110	150	8	19.80	80	2-1/2"	2300	1470	1840	1970
BPMII-215CV	160	215	8	26.60	83	2-1/2"	2500	1470	1840	2800
BPMII-250CV	185	250	8	30.40	83	DN100	3600	2100	2280	3500
BPMII-300CV	220	300	8	38.20	83	DN100	3600	2100	2280	3600

※ POWER : 3PH 380V 60Hz

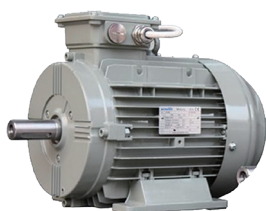
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Energy Saving
Max. 42%

Applied High-efficiency
induction motor



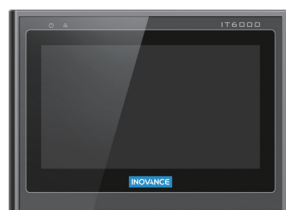
Y-Delta operation



Exclusive inverter for
Compressor



Applied touch screen PLC



Applied suction valve of
cylinder type



Specifications

MODEL	MOTOR POWER		PRESSURE	FLOW METER	Noise	OUTLET DIAMETER	DIMENSION			WEIGHT
	KW	HP	bar	m ³ /min	dB		L	W	H	kg
BMC-22CV	22	30	8	3.60	70	1"	1380	850	1160	440
BMC-37CV	37	50	8	6.30	72	1-1/2"	1500	1000	1330	663
BMC-55CV	55	75	8	9.20	74	2"	1800	1250	1670	1136
BMC-75CV	75	100	8	12.60	80	2"	2000	1250	1670	1321
BMC-110CV	110	150	8	19.80	85	2-1/2"	2300	1470	1840	1882
BMC-160CV	160	215	8	25.60	85	2-1/2"	2500	1600	1900	2312
BMC-185CV	185	250	8	30.40	88	DN100	3600	2100	2280	3135
BMC-220CV	220	300	8	38.20	88	DN100	3600	2100	2280	3335

※ POWER : 3PH 380V 60Hz

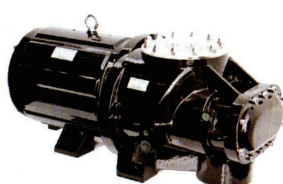
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BMC Mini Series PM inverter type



Motor & end integrated structure



Applied suction valve of cylinder type



Applied touch screen PLC



Inverter for Compressor



Specifications

MODEL	MOTOR POWER		PRESSURE	FLOW METER	Noise	OUTLET DIAMETER	Receiver Tank	Ref. Dryer	Line Filter	DIMENSION			WEIGHT
	KW	HP	bar	m³/min	dB		ℓ	model	μm	L	W	H	kg
BMC-7.5V	7.5	10	8	1.1	61	1/2"				850	630	785	200
BMC-11V	11	15	8	1.7	63	3/4"				1060	670	915	300
BMC-15V	15	20	8	2.3	63	3/4"				1060	670	915	340
BMC-7.5VT	7.5	10	8	1.1	65	1"	355			1620	630	1464	320
BMC-11VT	11	15	8	1.7	65	1"	355			1701	750	1709	420
BMC-15VT	15	20	8	2.3	65	1"	355			1701	750	1709	460
BMC-11VD	11	15	8	1.7	68	3/4"	355	TR02	3/1/0.01/0.01	1820	700	1574	500
BMC-15VD	15	20	8	2.3	68	3/4"	355	TR02	3/1/0.01/0.01	1820	700	1574	500
BMC-22VD	22	30	8	3.6	70	3/4"	450	TR03	3/1/0.01/0.01	1900	900	1844	560

※ POWER : 3PH 380V 60Hz

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High-pressure compressor for laser cutting

PM inverter type



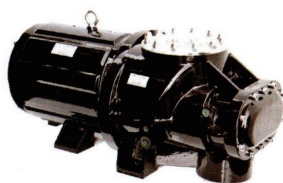
World Class Quality BUMA
Screw Air Compressor



16 bar specification for laser
cutting machine

Integrated all-in-one high pressure compressor
High pressure refrigeration dryer & 4 types of
filters and air tank

Motor & end integrated
structure



Applied suction valve of
cylinder type



Applied touch screen
PLC



Inverter for
Compressor



Specifications

MODEL	MOTOR POWER		PRESSURE	FLOW METER	Noise	OUTLET DIAMETER	Receiver Tank	Ref. Dryer	Line Filter	DIMENSION			WEIGHT
	KW	HP								L	W	H	
BMC-15VH	15	20	16	1.2	68	3/4"	355	TR01-16	3/1/0.01/0.01	1820	700	1574	500
BMC-22VH	22	30	16	1.7	70	3/4"	450	TR02-16	3/1/0.01/0.01	1803	900	1640	560

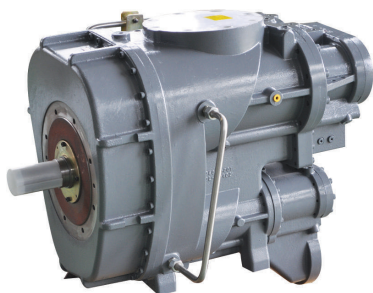
※ POWER : 3PH 380V 60Hz

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2 Stage Pneumatic Type PM Inverter Type

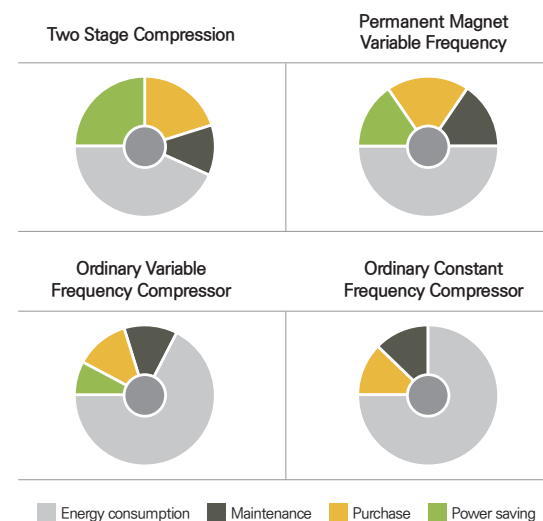


Applied 2 stage high efficiency aircend



- Two-stage compression method with 8bar specification
- Maximize energy saving by increasing air production by more than 10~25% compared to first stage compression.

Energy Savings Comparison



Low pressure series

PM inverter type



Higher air production compared to 8bar compressor

- 3~5bar specification 1-stage compression method
- Produces about 50% more compressed air compared to the existing 8bar specification compressor
- Field response possible with a relatively small-capacity compressor

Power saving due to application of low pressure compressor

- Energy saving effect of up to 30% or more is possible by producing/supplying 3~5 bar of compressed air required for general textile, cement, synthetic fiber, building materials, and glass industries



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