

neodair

Product Catalogue

OIL FREE CENTRIFUGAL
COMPRESSORS & CONSTRUCTION PRODUCTS

2025
WWW.NEOAIRLTD.COM



Construction
Products

Industrial
Compressors

Oil Free Air Solutions

Bringing oil free centrifugal compressor technology into everyday use... Neo Air offers a range of electrically driven compressors for use in construction, industrial processes or any other application where oil free, reduced size and efficiency are required. Our range of cost effective compressor solutions are available today and include the latest in air bearing and motor drive technology.



Construction

Neo Air offers a range of products suited for the utility maintenance world. Whether its digging up fragile cables, repairing pipework, removing debris or water, we have the tools to help.

Our novel patented solution uses the latest in centrifugal compressor technology to reduce the equipment size, to be able to be manoeuvre through doorways and confined spaces.

All our compressors use the latest in air bearing technology allowing for oil free operation, preventing contamination to ground materials.

All of our products are battery powered for a fully mobile operation.

Our Products

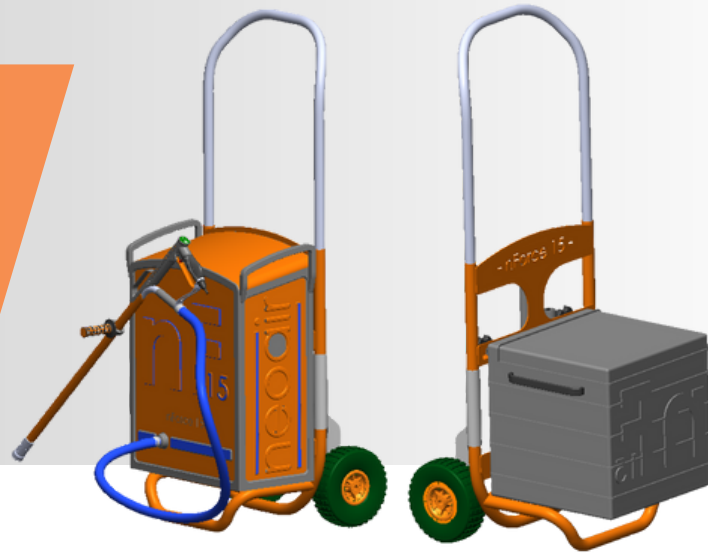
nForce 15

nFlate 15



nForce 15

MOBILE AIRLANCING



- Battery powered air lance for material movement
- Ideal for low level excavation or material movement around utilities.
- Oil free compressor in mobile frame
- Fit through door ways and tight spaces
- No trailing pipes
- Powerful lance action
- Force control in handle

Rated Power	15 kW
Peak Power	23 kW
Power source	Battery
Battery Life	1 hour 30 mins (full power)
Air Flow	<280 CFM
Mass	30 kg Compressor 120kg Batteries
Width	680mm



nFlate15

MOBILE PIPE LINER INFLATION



- Battery powered air compressor for pipe liner inflation
- Ideal for installation for cured in place pipe lining (CIPP)
- Oil free compressor in mobile frame
- Fit through door ways and tight spaces
- No trailing pipes
- Fully controllable pressure
- Low pressure, high mass flow

Rated Power	15 kW
Peak Power	23 kW
Power source	Battery
Battery Life	1 hour 30 mins (full power)
Air Flow	<280 CFM
Mass	30 kg Compressor 120kg Batteries
Width	680mm



Industrial Compressors

Our Industrial series compressors come with variable frequency drives for accurate speed control to allow your process to be carried out efficiently.

All our compressors use the latest in air bearing technology allowing for oil free operation, preventing contamination to processes.

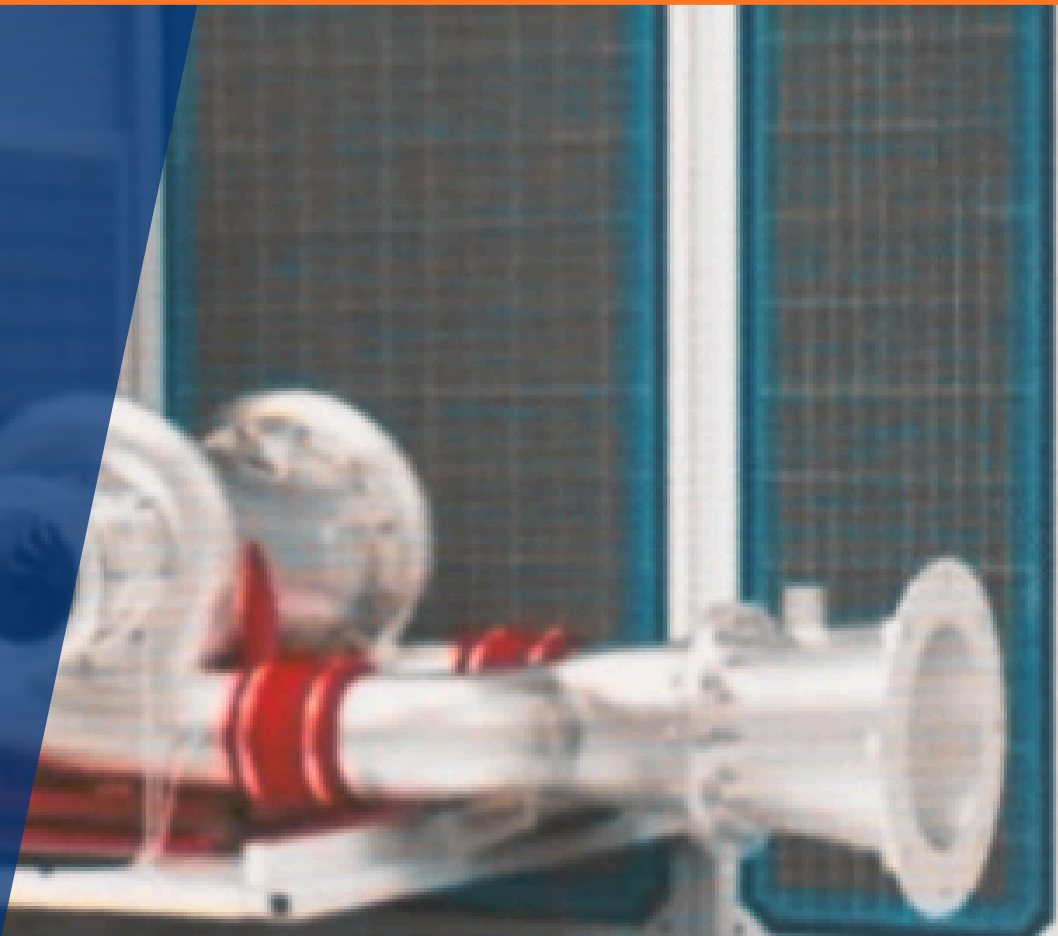
Our current range consists of low pressure blowers, with a larger range that can be manufactured on demand. See tables below for more details. If you require a robust oil free solution for your application, please get in touch.

Our Products

B10

B15

custom designs

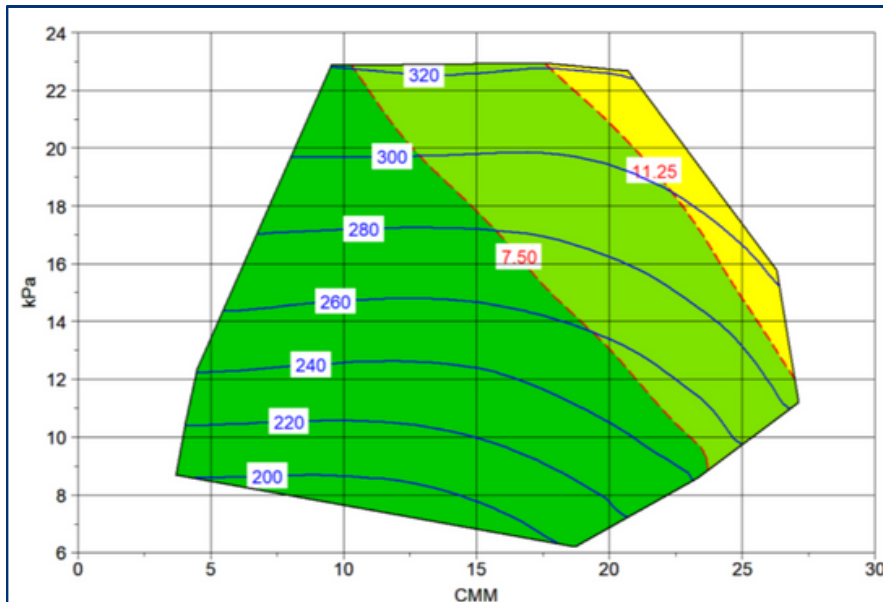


B10

INDUSTRIAL BLOWER



- Oil free industrial blower
- Supplied with variable frequency drive
- Air cooled.
- Robust tested design
- 3-phase connection
- CAN communication



CUSTOM COMPRESSOR MAPS AVAILABLE ON REQUEST

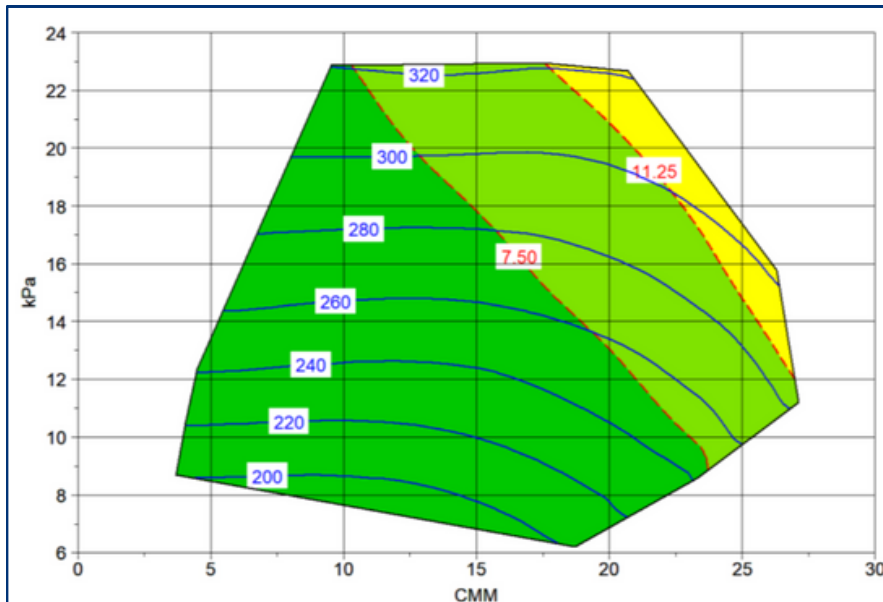
Rated Power	7.5 kW
Voltage	380-440 VAC
Pressure rise	22 kPa
Max Air Flow	23.5 m ³ /min
Noise level	<80 dB(A)
Mass	30 kg

B15

INDUSTRIAL BLOWER



- Oil free industrial blower
- Supplied with variable frequency drive
- Air cooled.
- Robust tested design
- 3-phase connection
- CAN communication



CUSTOM COMPRESSOR MAPS AVAILABLE ON REQUEST

Rated Power	11.25 kW
Voltage	380-440 VAC
Pressure rise	22 kPa
Max Air Flow	27 m ³ /min
Noise level	<80 dB(A)
Mass	32 kg

Custom

INDUSTRIAL BLOWERS
UNDER DEVELOPMENT



- Oil free industrial blower under development
- Supplied with variable frequency drive
- Various frames sizes available
- 3-phase
- Enquire for more details

Product	Power [kW]	Air Flow [m ³ /min]	Outlet Pressure [kPa]												
			10	20	30	40	50	60	70	80	90	100	110	120	
B10	7.5	Air Flow [m ³ /min]	10	8	6										
B15	11		22	19	12										
B20	15		30	26	19										
B50	37				55	45	35	31	26	25	22				
B75	55				80	65	50	45	40	37	32				
B100	75				110	90	70	65	55	50	45				
B120	90				135	110	85	75	65	60	55	50	47	45	
B150	110					130	115	95	85	75	70	62	60	55	
B200	150					180	155	130	115	100	95	85	80	75	
B240	180						170	155	140	120	110	100	95	90	
B300	220							230	190	170	145	140	125	120	110
B400	300								260	235	200	190	170	165	150

Product	Power [kW]	Air Flow [m ³ /min]	Outlet Pressure [kPa]				
			10	15	20	25	30
BB7	5.5	Air Flow [m ³ /min]	10	9	8	7	6
BB10	7.5		22	21	19	14	12
BB15	11		30	28	26	22	19
BB20	15		42	38	36	29	26
BB30	22		56	53	49	41	38
BB40	30		79	75	71	58	52
BB50	37		97	90	80	65	60
BB60	45		120	110	91	82	78
BB75	55		130	122	118	105	86

Test and Manufacturing Capabilities

Products are typically tested for the following:

- Start stops: > 500k
- Accelerated life test (Design life: 20000 hours)
- EMC: GB/T 18655-2018 class 3
- Vibration and shock: GB/T 31467.3-2015
- Sealing protection:
 - IP67 (Fuel cell compressor)
 - IP53 (industrial compressors)
- Salt spray
- Humidity
- Voltage withstand
- insulation
- NVH

Products are manufactured with our partners in accordance with IATF16949 and ISO 9001 where applicable. Capability to scale manufacture to 50,000 per year.

Custom compressor designs are possible with a lead time of 10 weeks.



Contact...



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neoair
air power, unplugged

