

AirMMax

Turbo Blower

www.AirMMaxBlower.com



Qingdao AirMMax Aeration Equipment Co., Ltd

● About AirMMax

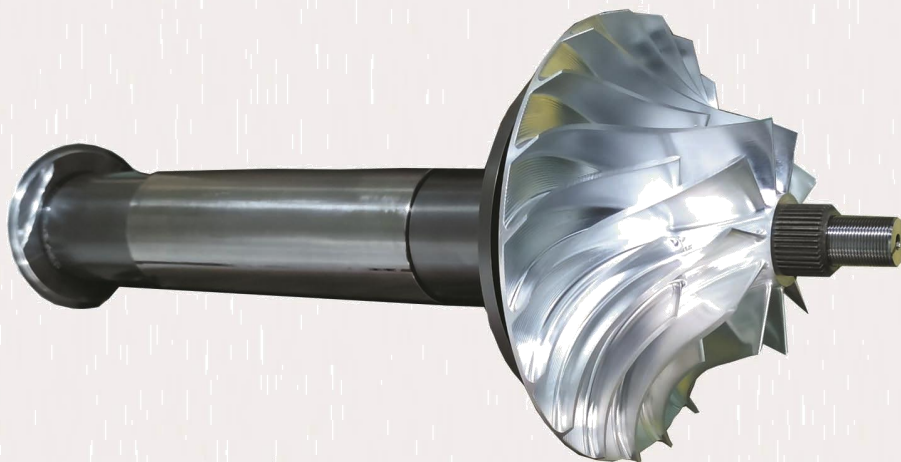
We established AirMMax with the vision to develop the company into a leading roots blower and turbo blower manufacturer and supplier. We built a 10000 m2 modern production plant equipped with automatic production CNC machine and experienced engineer and skilled assembly and installation worker in our team, which ensure AirMMax roots blower and turbo blower achieve a better operational performance and customer satisfaction.

We focus on the R&D, production, marketing and service of roots blower, turbo blower and turbo blower aerator, we design and manufacture roots blower, turbo blower and turbo blower aerator based on its unique application site and operating condition.

We have professional engineer who knows blower aeration system in water treatment plant, we have aquaculture expert who have 10 years experience in aquaculture aeration system in high density shrimp farming and hatchery, which ensure turbo blower aerator save more electricity, and we have biogas blower expert who is skilled in POME treatment to biogas power generation.

We work as solution provider on the basis of roots blower, turbo blower and turbo blower aerator, our aquaculture technical team design aeration system for high density shrimp farming and hatchery, our purchase expert launch one-stop purchase package including aerotube and diffuser, HDPE liner for customer.

Pursuit of “Customer Supreme, Quality First”, we look forward to your continuous trust and support.



● How Does AirMMax Aeration System Work?

AirMMax turbo blower is high speed centrifugal blower, which is specially designed and developed for water treatment and shrimp farming, it has been the the most efficient blower by saving 50% more electricity bill than traditional roots blower.

AirMMax disc diffuser is microporous diffuser, which release fine bubble uniformly from the wall of disc diffuser at the bottom of of pond.

Turbo blower supply clean air through pipe to disc diffuser and clean air pass through diffuser wall and transform into fine bubble, fine bubble rise slowly from the pond bottom to the surface which makes fine bubble have higher surface contact area and longer contact period with water, which ensure oxygen of fine bubble efficiently dissolved into the water, under the oxygen dissolution process, dissolved oxygen effect is remarkable and dramatically improve the oxygen content in the water.



● AirMMax Turbo Blower Core Technology

● High Efficient Impeller

AirMMax turbo blower adopt forged aluminum alloy material and machined by five axis CNC machine, which ensure impeller higher rotation speed and higher efficiency.



● High Efficient VFD

AirMMax turbo blower is controlled by high efficiency VFD with working frequency range 0-2000Hz to adjust air flow and pressure.



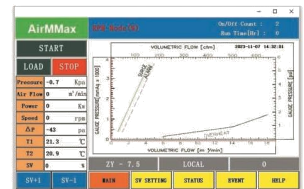
● Permanent-magnet Synchronous Motor

AirMMax turbo blower is high efficient permanent magnet synchronous motor rotating maximum at 100.000rpm with efficiency reach 98%.



● Touch Screen Control Panel

AirMMax turbo blower is equipped with touch screen, which is easy to operate.



● Mobile Phone Remote Control

AirMMax turbo blower can be monitored and operated by mobile phone wherever you are.



• **AirMMax Turbo Blower Advantage**

• **High Efficient and Energy Saving**

AirMMax turbo blower save 50% more electricity bill than traditional roots blower.

• **Easy Installation**

AirMMax turbo blower is highly integrated, low weight and easy to move, user only need to connect power cable.

• **Plug and Play**

AirMMax turbo blower is operated by spin button to adjust frequency and reach required air flow and pressure.

• **Easy Maintenance**

AirMMax turbo blower is no lubricant oil type design, which keep away from the troubles brought by lubricant oil in traditional roots blower and centrifugal blower.

AirMMax Turbo Blower Parameter Table

Model	37KW-40	37KW-80	55KW-80	75KW-40	75KW-80	90KW-80	110KW-40	110KW-80	110KW-120
Discharge Pressure kpa	Air Flow(m ³ /min). 20°C. Humidity60%, 1atm								
20	50	/	/	94	/	/	139	/	/
30	48	/	/	87	/	/	132	/	/
40	42	/	/	76	/	/	120	/	/
50	/	37	47	/	75	/	/	85	/
60	/	33	43	/	70	71	/	81	/
70	/	28	40	/	63	67	/	75	/
80	/	/	36	/	52	61	/	68	/
90	/	/	/	/	/	/	/	57	/
100	/	/	/	/	/	/	/	/	59
110	/	/	/	/	/	/	/	/	55
120	/	/	/	/	/	/	/	/	50
130	/	/	/	/	/	/	/	/	45
Model	150KW-40	150KW-80	150KW-120	220KW-40	220KW-80	220KW-120	300KW-80	300KW-120	350KW-100
Discharge Pressure kpa	Air Flow(m ³ /min). 20°C. Humidity60%, 1atm								
20	220	/	/	303	/	/	/	/	/
30	212	/	/	288	/	/	/	/	/
40	182	/	/	250	/	/	260	/	/
50	143	/	/	190	/	/	250	/	301
60	/	130	/	/	178	/	240	/	295
70	/	121	/	/	167	/	215	/	276
80	/	109	/	/	145	/	185	/	255
90	/	95	/	/	125	/	170	/	239
100	/	/	90	/	/	136	/	173	208
110	/	/	83	/	/	127	/	161	179
120	/	/	76	/	/	120	/	148	/
130	/	/	68	/	/	99	/	135	/

● AirMMax Turbo Blower Site Application





Qingdao AirMMax Aeration Equipment Co., Ltd

Add: ZhangJiaLou Industrial Park, Qingdao City, Shandong Province, China.

M: +8618354211179 (whatsapp/wechat)

Email: inquiry@airmmax.com

Website: www.AirMMaxBlower.com

