

AirMMax

Turbo Blower Aerator

www.airmmax.com



Qingdao AirMMax Aeration Equipment Co., Ltd

● About AirMMax

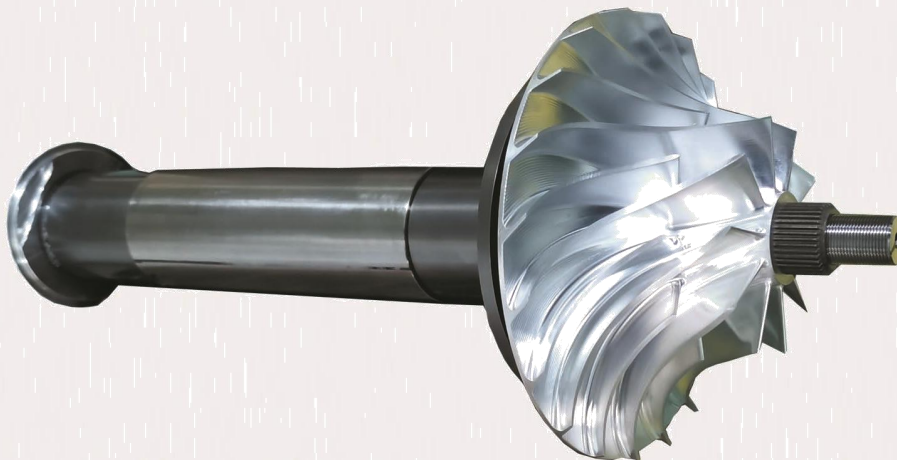
AirMMax is professional manufacturer of Roots Blower, Turbo Blower Aerator and Aerotube, and has developed into an aquaculture equipment supplier together by supplying aeration hose and connector in shrimp farming aeration system.

AirMMax has focused on R&D and manufacturing of roots blower, turbo blower aerator and aerotube, AirMMax care about roots blower and aerotube performance by adopting standard production process on raw material supply, formula, productive technology and experimental data etc.

AirMMax supply aeration hose and connector in aeration system design and installation, AirMMax experienced design engineers design aeration system based on aquaculture farm condition: temperature, water quality, aquaculture species, breeding density, pond situation etc while AirMMax skilled installation team efficiently complete site installation work under different aquaculture farm.

AirMMax has good knowledge and rich experience about the aquaculture farm condition in various countries and has implementation of hundreds of thousands of hectares aquaculture farm projects worldwide, AirMMax local team delivers an immediate feedback on client's request.

With the vision of Higher Dissolved Oxygen, Better Aquaculture Harvest, AirMMax has achieved a better aeration performance and customer satisfaction.



● How Does AirMMax Aeration System Work?

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

AirMMax aerotube is microporous aeration hose, which release fine bubble uniformly from the wall of aerotube at the bottom of of pond.

Turbo blower aerator supply clean air through pipe to aerotube and clean air pass through aerotube 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 Aerator Core Technology

● High Efficient Impeller

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



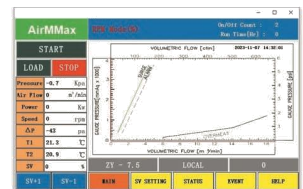
● Permanent-magnet Synchronous Motor

AirMMax turbo blower aerator is high efficient permanent magnet synchronous motor rotating maximum at 100,000rpm with efficiency reach 98%.



● Touch Screen Control Panel

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



● Mobile Phone Remote Control

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



● **AirMMax Turbo Blower Aerator Advantage**

● **High Efficient and Energy Saving**

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

● **Easy Installation**

AirMMax turbo blower aerator 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 the touch screen to adjust frequency and reach required air flow and pressure.

● **Easy Maintenance**

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

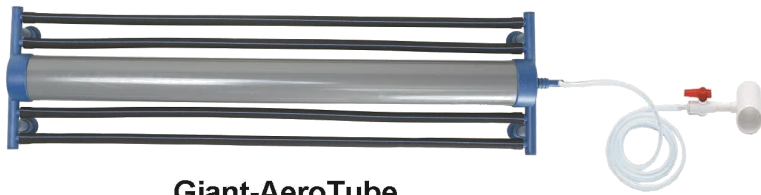
● AirMMax Turbo Blower Aerator Parameter Table

Model	3HP	5.5HP	7.5HP	10HP	15HP	20HP	30HP	40HP	50HP	60HP	75HP
Pressure KPA	Air Flow M3/MIN										
10	5.2	10.5	12	22	29	42	56	79	103	120	130
15	4.5	9.6	11	21	28	38	53	75	99	110	122
20	3.8	8.2	10	18	26	36	49	71	95	106	118
25	3.2	6.8	9	14	21	29	41	58	71	95	105
30	2.8	5.8	8	12	19	26	38	48	65	83	95
40	2.5	5	7	9	15	17	26	36	45	54	65
50	/	/	5	8	10	14	24	33	40	48	59
60	/	/	4.5	7	9	12	21	28	35	42	53
70	/	/	4	6	8	9	19	25	31	39	46
80	/	/	3	5	7	8	18	22	28	33	41

1 set 30HP Turbo Blower Aerator= 2 set 25HP Roots Blower Aerator



● **AirMMax Combo Service**



Giant-AeroTube



SS314 frame



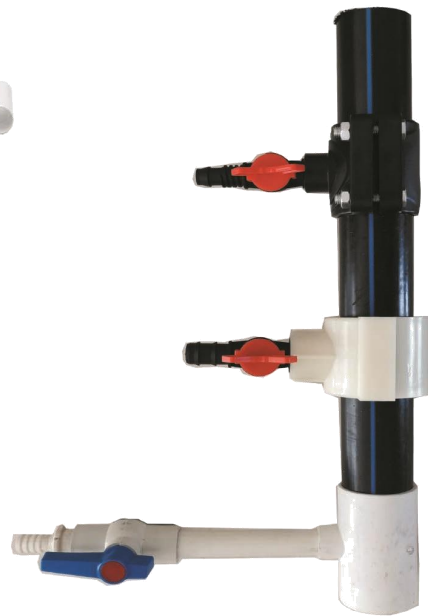
Disc diffuser



sinker hose



air hose



AeroTube connector



HDPE liner



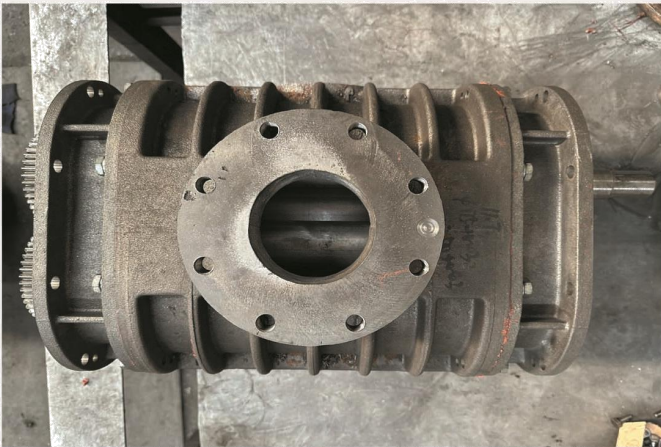
round tank



connector

● AirMMax Factory







Qingdao AirMMax Aeration Equipment Co., Ltd

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

M: +8618354211179 (whatsapp/wechat)

Email: inquiry@airmmx.com

Website: www.AirMMMax.com

