



ASMP-Berth-Series Boats & Marina's



ASMP-Berth ultrasonic systems successfully remove fouling and Algae that grow in marinas waterways and on submerged vessels, pontoons, moorings, water pumps intakes and any underwater structures



- ◆ **ASMP-Berth.800** System 4 x 200w transducers 110/230Vac for boat pens up to 30/40metre
- ◆ **ASMP-Berth.1000** System 5 x 200w transducers 110/30Vac for Dual boat pens up to 30/60metre

The vessels in the berth and pontoons has double protection, a mechanical and a natural process. Bio-film growth is the first stage to establish a food source for many other marine organisms. Using natural processes to control food source will control organic contamination

Benefits

1. Environmentally friendly as there are no pollutants associated with this method of removing algae and anti-fouling.
2. It's keeping your hulls, water locks, lakes and marina waters clean of filamentous algae and common green algae with no ongoing cost .
3. It is also completely harmless to humans, marine life and animals.
4. Reducing all those underwater structures that are critical to the performance of your pumps and water intakes.
5. Simple installation to jetty and pontoons-Low power consumption



ASMP-Berth- Technical information



ASMP-Berth

ASMP Series Technical Specifications May 2014	ASMP-200	ASMP-400	ASMP-600	ASMP-800	ASMP-1000	ASMP-1200
Applications						
• Cooling towers	✓	✓	✓	✓	✓	✓
• Lakes, pools and ponds	✓	✓	✓	✓	✓	✓
• Waste & water treatment plants intakes	✓	✓	✓	✓	✓	✓
• Water storage tanks & reservoirs	✓	✓	✓	✓	✓	✓
• Horticulture	✓	✓	✓	✓	✓	✓
• WWTP lagoons & lakes, medium flow,	X	✓	✓	up to 15,000m ²	up to 19,000m ²	up to 21,000m ²
• Offshore-onshore aquaculture fish pens, high flow, max. net diameter	X	✓	✓	up to 10-20m	up to 20-40m	up to 20-60m
Operating Temperature range	-30 ~ +50° Celsius					
Operating Humidity Range	0 ~ 80%					
Conformed & Approved to	CE US E224558					
Control Box	Polyester-fibreglass ventilated enclosure fitted with locks ip 65					
Output Power—high speed sonic pulsing up to: Ultrasonic waves watts	200	400	600	800	1000	1200
Dual input. Voltage maximum use per hour						
• 230 VAC ± 4% 50/60 Hz (regulated/low noise)	1.0 Amp	1.4 Amps	1.6 Amps	1.9 Amps	2.4 Amps	3.4 Amps
• 120 VAC ± 4% 50/60 Hz (regulated/low noise)	2.0 Amp	2.8 Amps	3.2 Amps	3.8 Amps	4.8 Amps	6.8 Amps
Rolling Drive Frequency	Up to 120KHz	Up to 120KHz	Up to 120KHz	Up to 120KHz	Up to 120KHz	Up to 120KHz
Frequencies (kHz)	Programmable	Programmable	Programmable	Programmable	Programmable	Programmable
LED Status Indicators	Frequency & power output	Frequency & power output	Frequency & power output	Frequency & power output	Frequency & power output	Frequency & power output
Circuit Protection	Built-in protection against overheating lightning strikes voltage safety earth leak switch, voltage protector and overloading					
Transducers (stainless steel sonic pulse amplifiers)						
Maximum power Ultrasonic waves	1 x 200W	2 x 200W	3 x 200W	4 x 200W	5 x 200W	6 x 200W
• Transducer Housing	Grade 316 stainless steel measuring 120 x 130mm, weight 3.2kg each					
• Sonic face plate - stainless steel	Up to 200W	Up to 200W	Up to 200W	Up to 200W	Up to 200W	Up to 200W
• Transducer shielded flexible, cable waterproof	1 x 20m	2 x 20m	3 x 20m	4 x 20m	5 x 20m	6 x 20m

Notes:

- All systems are supplied complete with an Installation Manual, the Control Box, the requisite number of transducers and the corresponding number of transducer cables.
- The standard transducer cable length as supplied is 20m.cable. Custom length cables can be supplied upon request up to the maximum useable length of 150m.cable.
- We reserve the right to modify or change the specifications to improve or up-grade our products at any time without prior notification .
- The systems are supplied and shipped in purpose built packaging cartons. The number, size and weight of the cartons varies depending on the model. See individual product brochures for details.

Hardware Guarantees

- 1 year on electronics
- 1years on PCB engine board
- 1years on transducers

Optional Items:

- ASM-Continuous custom transducer cable up to 150m
- Asm-S1500 complete solar panel system 1500W/wind turbine generating over 36Kwh per day
- Customised brackets and floats



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Distributor:

