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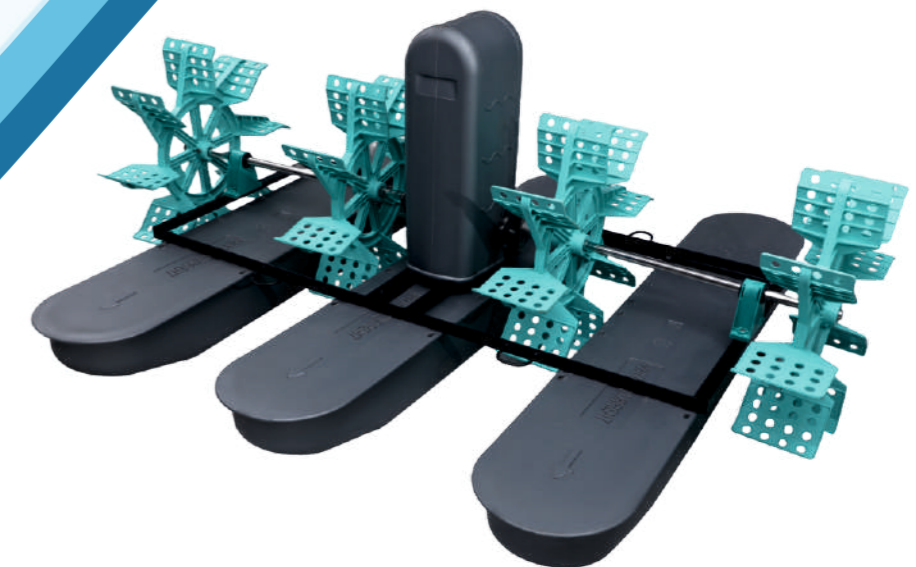
marutienterprise1910@gmail.com



**Address :**

Siddhi Vinayak Park Plot No.7, Near AUDI Showroom, Kuvadwa Road,  
Ahmedabad National Highway, Rajkot, Gujarat - 360003.

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*Excellence Under the Surface...*



“

*Quality is our Pride  
Trust is our worship.*

”

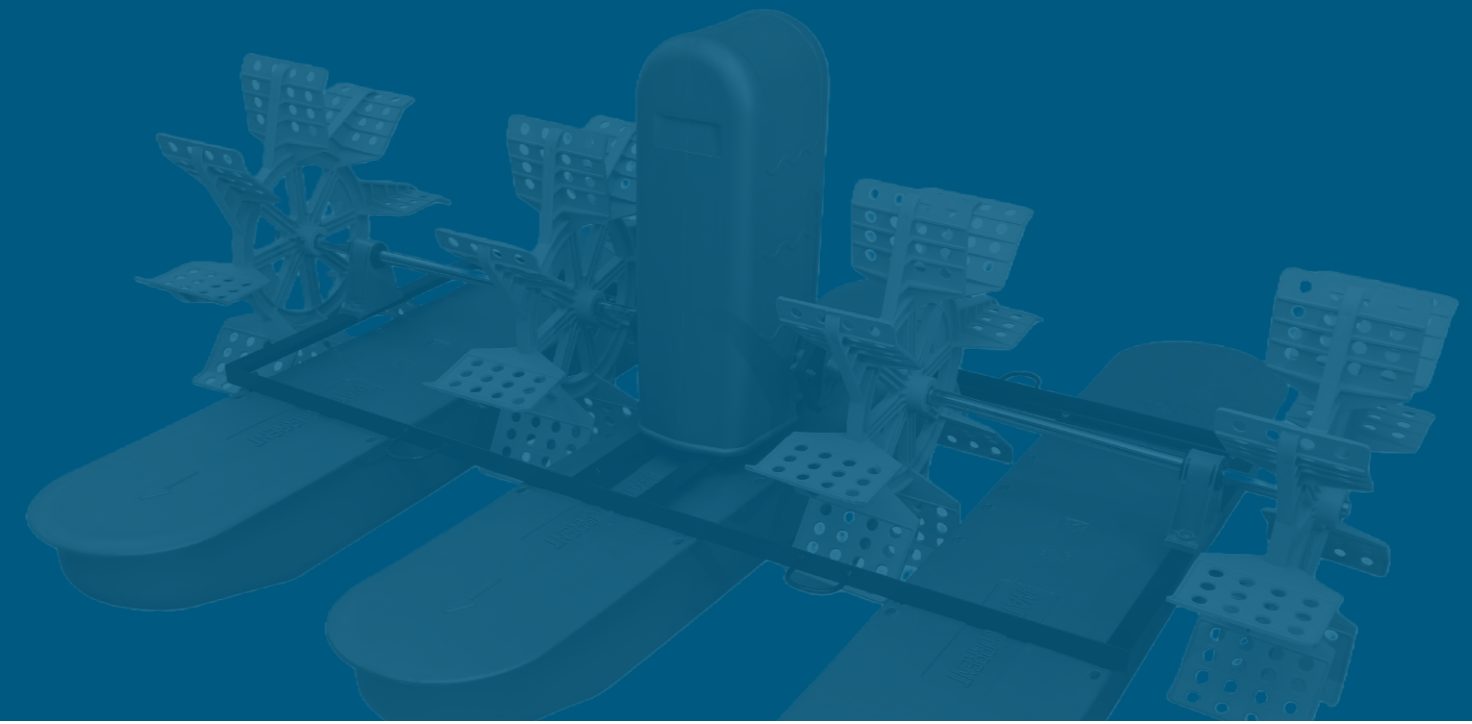
## COMPANY PROFILE

Maruti Enterprise is dedicated to revolutionizing the aquaculture industry by offering top-quality paddle wheel aerators for farmers. After years of experience, we have identified common issues faced by farmers with aerators: low Dissolved Oxygen (D.O.), high energy consumption, inadequate water circulation, shallow impeller depth, motor and gearbox rust, and premature gear damage, leading to a reduced aerator lifespan by 2 years.

To address these challenges, we have started our manufacturing operations in India. Our aerators feature H-class insulation and silicon stamping to lower motor energy consumption. With a deep impeller depth for enhanced oxygenation and water flow, and CED-coated motor and gearbox to prevent rust and ensure durability, our products stand out in the market.

Our key differentiations include a diverse product range, competitive pricing, prompt delivery, and exceptional customer service, securing us a significant position in the global market. Understanding the unique cultural requirements of each country, we offer customized aerators to meet specific needs, ensuring widespread access to our innovative solutions.

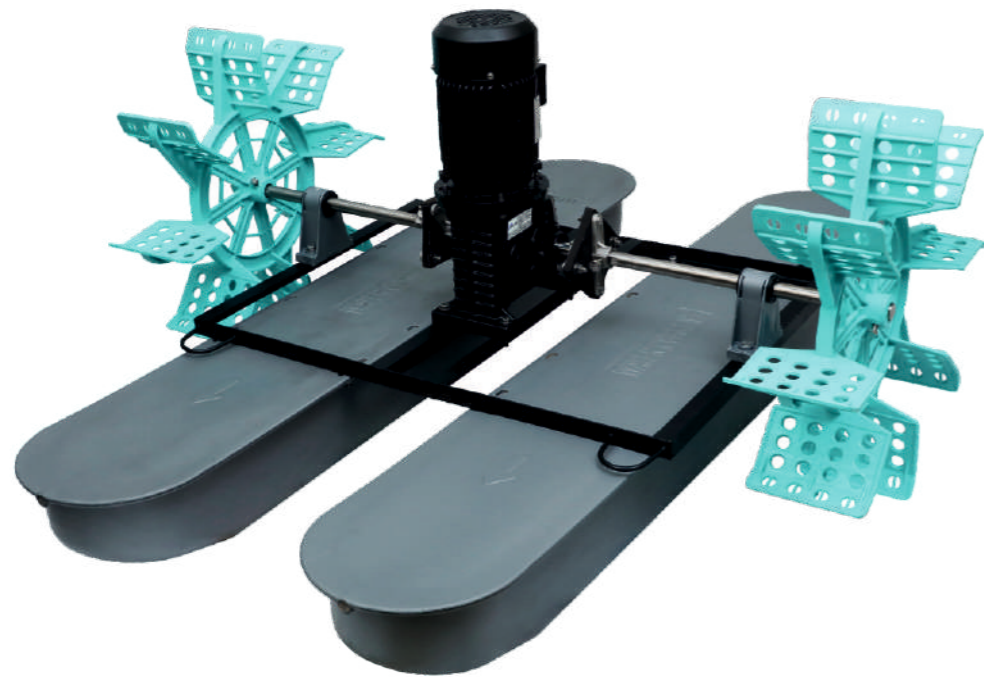
At Maruti Enterprise we are committed to providing cutting-edge aerators that optimize Aquaculture practices worldwide.



- **Energy and cost savings:** Our aerators are designed for minimal power consumption without compromising oxygen output, leading to significant savings on electricity bills.
- **Improved water quality :** By promoting robust water currents and increasing dissolved oxygen levels, our aerators play a crucial role in enhancing the aquatic environment. They effectively reduce stratification, eliminate harmful gases, centralize sludge, and contribute to an overall healthier aquatic ecosystem.
- **Extended product lifespan :** The use of virgin raw materials, UV-protected plastics, and corrosion-resistant metal parts ensures exceptional durability, even in harsh conditions.
- **Simplified maintenance :** With a design focussed on durability and quality, our products require minimal upkeep, and we provide a readily available supply of spare parts.
- **Commitment to quality :** Every unit undergoes a strict quality control process and comes with a 1-year warranty, providing peace of mind to our customers.
- **IoT and LAN-based Aerators :** It is designed to align with modern technology. These advanced aerators can be operated from a significant distance, enhancing convenience and efficiency. Key features including, Sensors that monitor oxygen and ammonia levels, if oxygen levels drop from the set PPM, the aerator starts; if oxygen levels rise from the set PPM, it stops automatically. This technology ensures optimal conditions for aquatic environments while reducing manual intervention.

# 1HP

## PADDLE WHEEL AERATOR



KW	HP	VOLTAGE	HZ	EFFICIENCY	DO	AMP
0.75 KW	1	210 & 415	50 & 60	82.8%	1.5 - 1.7	1.2 - 1.3



## Spare Parts

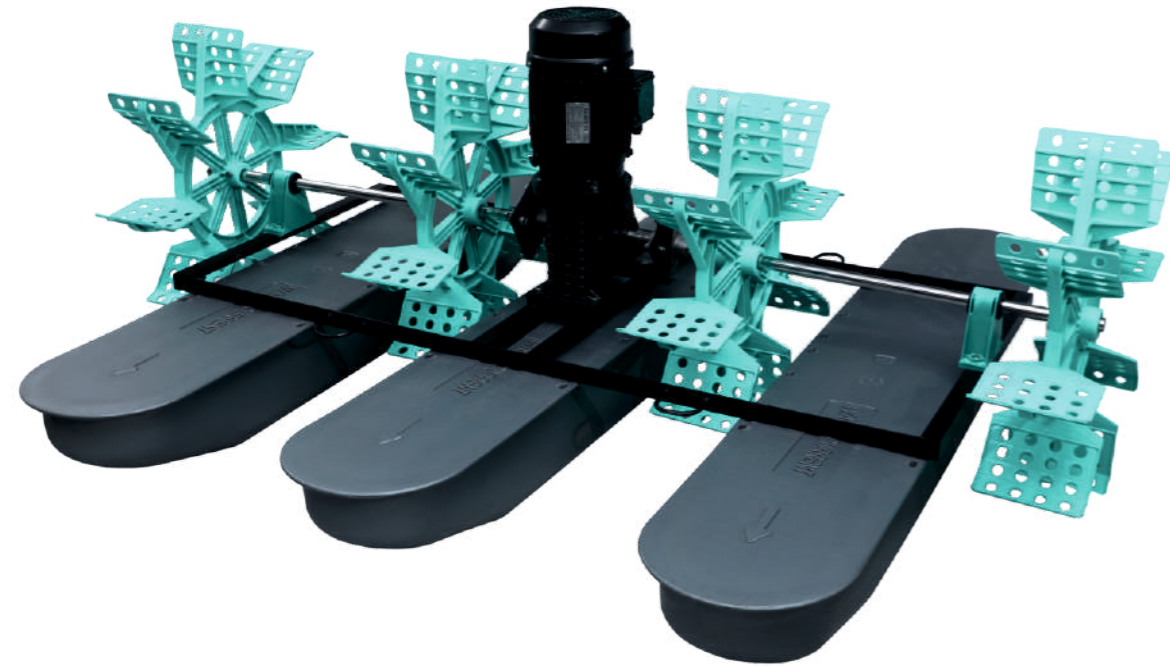


1HP 2 paddle wheel aerator, perfect for both extensive and small ponds. Our aerators stand out for their durability, user-friendly operation, robust construction, and resistance to damage. Quality is our top priority. Incorporating H-class insulation and silicon stamping in the motor, we ensure reduced AMPS consumption and employ thermo sensor technology to prevent motor burning. These key features set our aerator apart and have earned it global recognition.

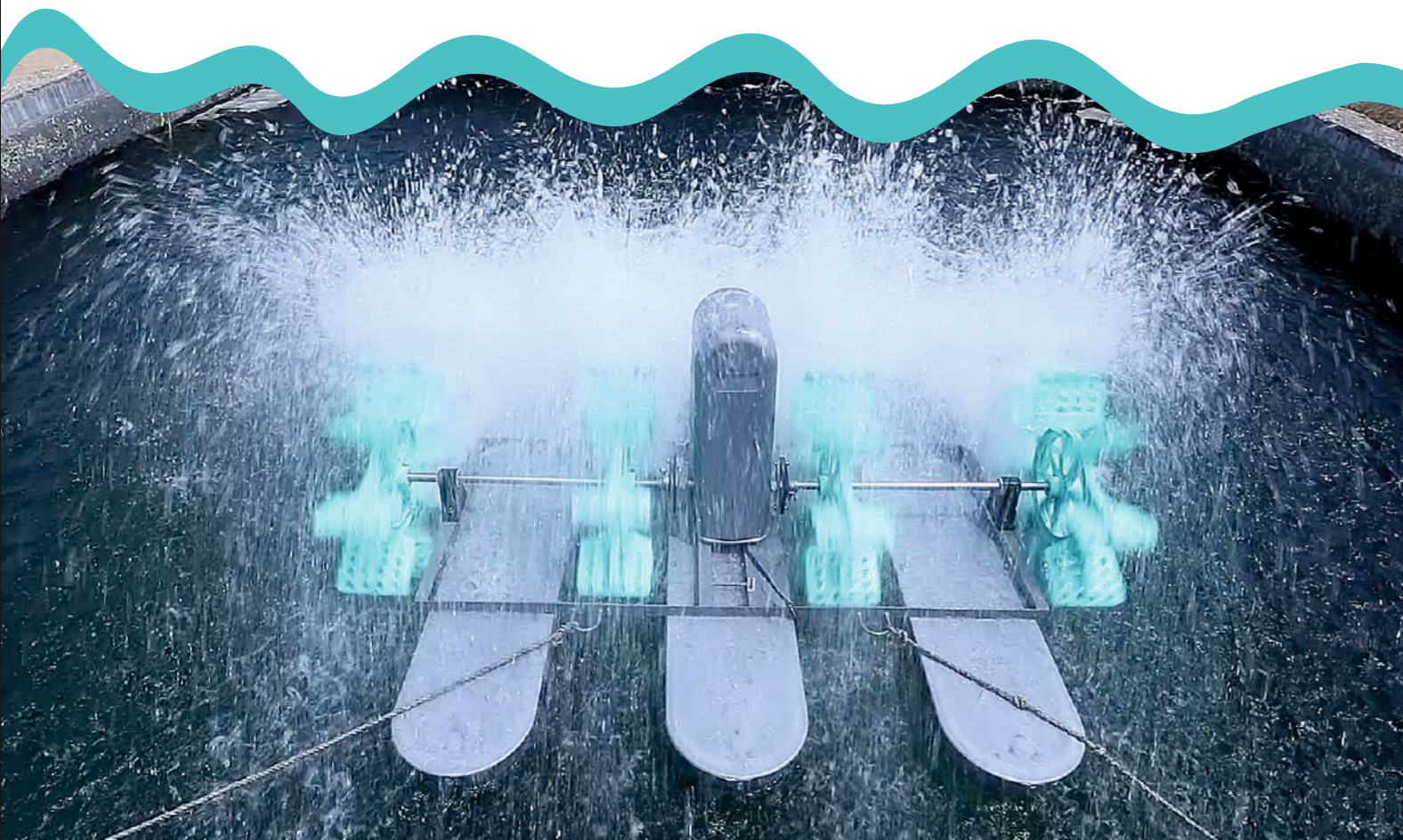
<p><b>HDPE Float</b> 2 Unit   Virgin HDPE with UV</p>	<p><b>Impeller</b> 2 Unit   Virgin PP with UV</p>	<p><b>Motor Cover (Blow Molded)</b> 1 Unit   100% Virgin HDPE with UV</p>	
<p><b>1 HP Motor</b> 1 Unit   IE Class - 2 &amp; 3</p>	<p><b>Gear Box (Bevel - Helical Type)</b> 1 Unit   Cast Iron with Bevel Gear CED Coated, External Sleeve</p>	<p><b>Stainless Steel Frame - SS.304</b> 1 Unit   L - Angle with Powder Coated</p>	
<p><b>Shafting- SS 304</b> 2 Unit   Solid Rods</p>	<p><b>Tripod</b> 2 Unit   Virgin Nylon</p>	<p><b>Movable Joint- SS. 304</b> 2 Unit   with High Quality Rubber</p>	<p><b>Nut &amp; Bolt Kit</b> 1 Unit   S.S 304</p>

# 2HP

## PADDLE WHEEL AERATOR



KW	HP	VOLTAGE	HZ	EFFICIENCY	DO	AMP
1.5 KW	2	210 & 415	50 & 60	82.8%	2.5 - 2.8	2.2



## Spare Parts

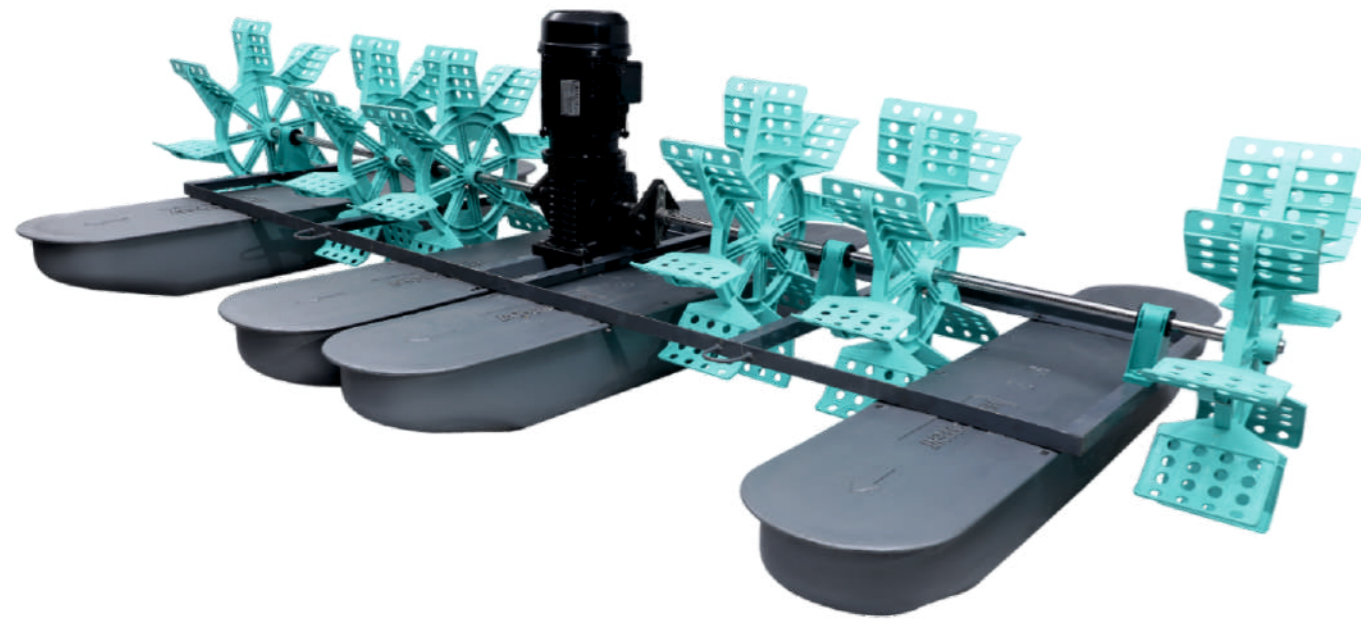


2HP 4 paddle wheel aerator, a standout choice in the aquaculture sector known for its reliability and efficiency. Our aerators prioritize quality with a robust design, prolonged lifespan, and resistance to damage. Our dedication to excellence shines through the integration of H-Class insulation and silicon stamping in the motor, leading to decreased AMPS consumption and improved thermo sensor technology to address motor burning concerns. Additionally, our motor and gearbox are CED coated to combat corrosion issues effectively. These unique attributes play a pivotal role in establishing the global reputation and success of our aerators, distinguishing them within the industry.

<p><b>HDPE Float</b> 3 Unit Virgin HDPE with UV</p>	<p><b>Impeller</b> 4 Unit Virgin PP with UV</p>	<p><b>Motor Cover (Blow Molded)</b> 1 Unit 100% Virgin HDPE with UV</p>	
<p><b>2 HP Motor</b> 1 Unit IE Class - 2 &amp; 3</p>	<p><b>Gear Box (Bevel - Helical Type)</b> 1 Unit Cast Iron with Bevel Gear CED Coated, External Sleeve</p>	<p><b>Stainless Steel Frame - SS.304</b> 1 Unit L - Angle with Powder Coated</p>	
<p><b>Shafting- SS 304</b> 2 Unit Solid Rods</p>	<p><b>Tripod</b> 2 Unit Virgin Nylon</p>	<p><b>Movable Joint- SS. 304</b> 2 Unit with High Quality Rubber</p>	<p><b>Nut &amp; Bolt Kit</b> 1 Unit S.S 304</p>

# 3HP

## PADDLE WHEEL AERATOR



KW	HP	VOLTAGE	HZ	EFFICIENCY	DO	AMP
2.25 KW	3	380 & 415	50 & 60	84.3%	3.4 - 3.7	3.3



# Spare Parts

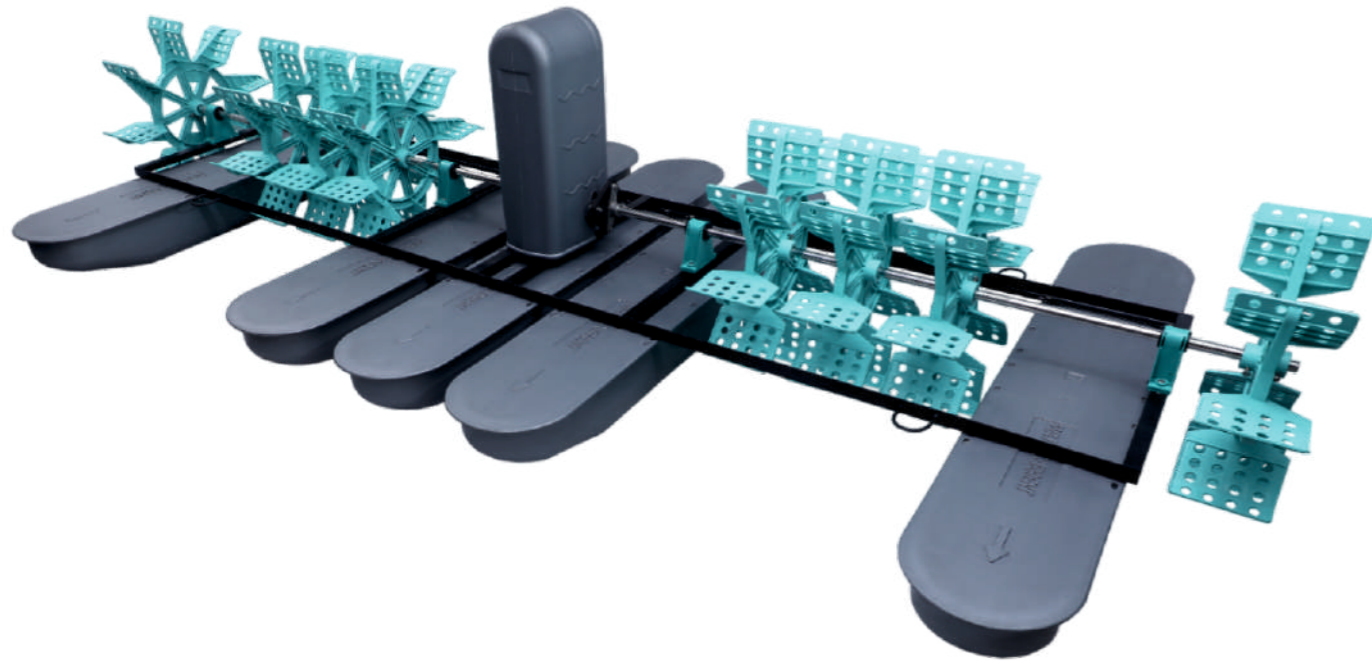


3HP 6 paddle wheel aerator, the ultimate solution for semi & big ponds. Our aerators stand out for their longevity, user-friendly design, robust construction, and resistance to damage. Quality is our top priority. With H-Class insulation and silicon stamping in the motor, we ensure reduced AMPS consumption and incorporate thermo sensor technology to prevent burning problems. The motor and gearbox are CED coated, effectively combating corrosion challenges. These distinctive features have propelled our aerators to global recognition. Experience the difference with our aerator - a testament to innovation and excellence in pond aeration.

<b>HDPE Float</b> 4 Unit Virgin HDPE with UV	<b>Impeller</b> 6 Unit Virgin PP with UV	<b>Motor Cover (Blow Molded)</b> 1 Unit 100% Virgin HDPE with UV
<b>3 HP Motor</b> 1 Unit IE Class - 2 & 3	<b>Gear Box (Bevel - Helical Type)</b> 1 Unit Cast Iron with Bevel Gear CED Coated, External Sleeve	<b>Stainless Steel Frame - SS.304</b> 1 Unit L - Angle with Powder Coated
<b>Shafting- SS 304</b> 2 Unit Solid Rods	<b>Tripod</b> 4 Unit Virgin Nylon	<b>Movable Joint- SS. 304</b> 2 Unit with High Quality Rubber
<b>Nut &amp; Bolt Kit</b> 1 Unit S.S 304		

# 4HP

## PADDLE WHEEL AERATOR



KW	HP	VOLTAGE	HZ	EFFICIENCY	DO	AMP
3 KW	4	380 & 415	50 & 60	84.8%	4.6 - 5.1	4.1 - 4.3



# Spare Parts

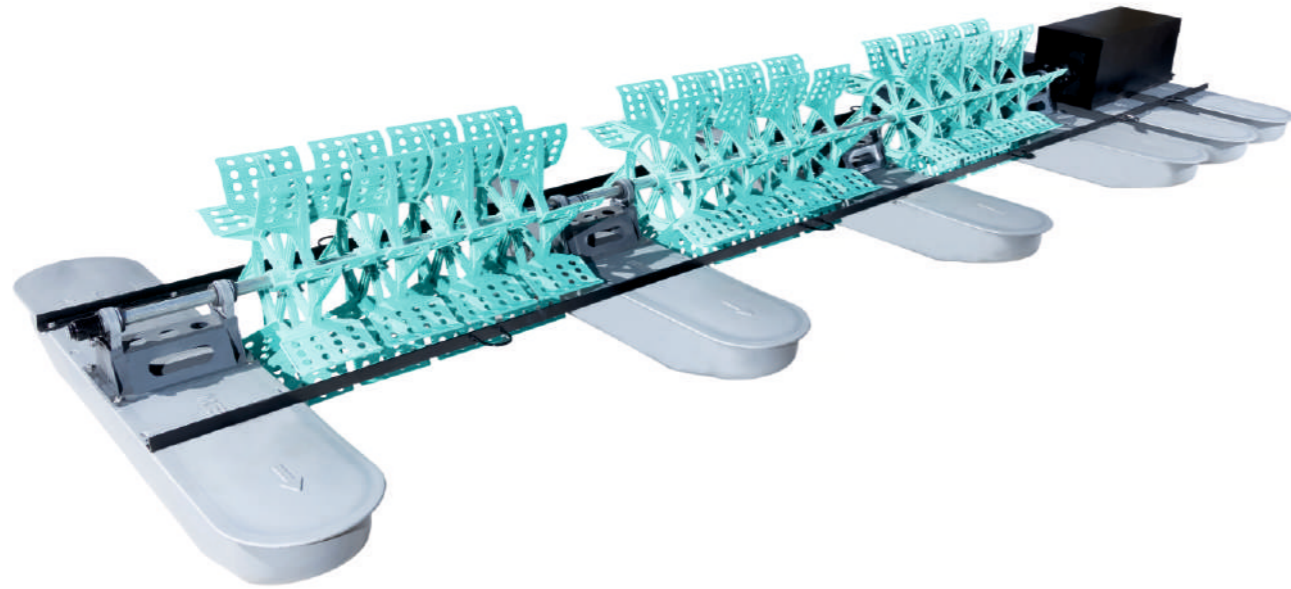


4HP 8 paddle wheel aerator, the ultimate solution for large ponds. Our aerators stand out for their durability, user-friendly design, and robust construction, making them a top choice for pond aeration needs. At the core of our aerators is a commitment to quality. With features like H-Class insulation and silicon stamping in the motor, we ensure lower AMPS consumption and incorporate thermo sensor technology to prevent motor burning issues. Additionally, our Motor & Gearbox are CED coated, offering protection against corrosion and enhancing longevity. These key attributes set our aerator apart, earning it global recognition for its performance and reliability. Experience the difference with our aerator model designed to elevate pond aeration standards.

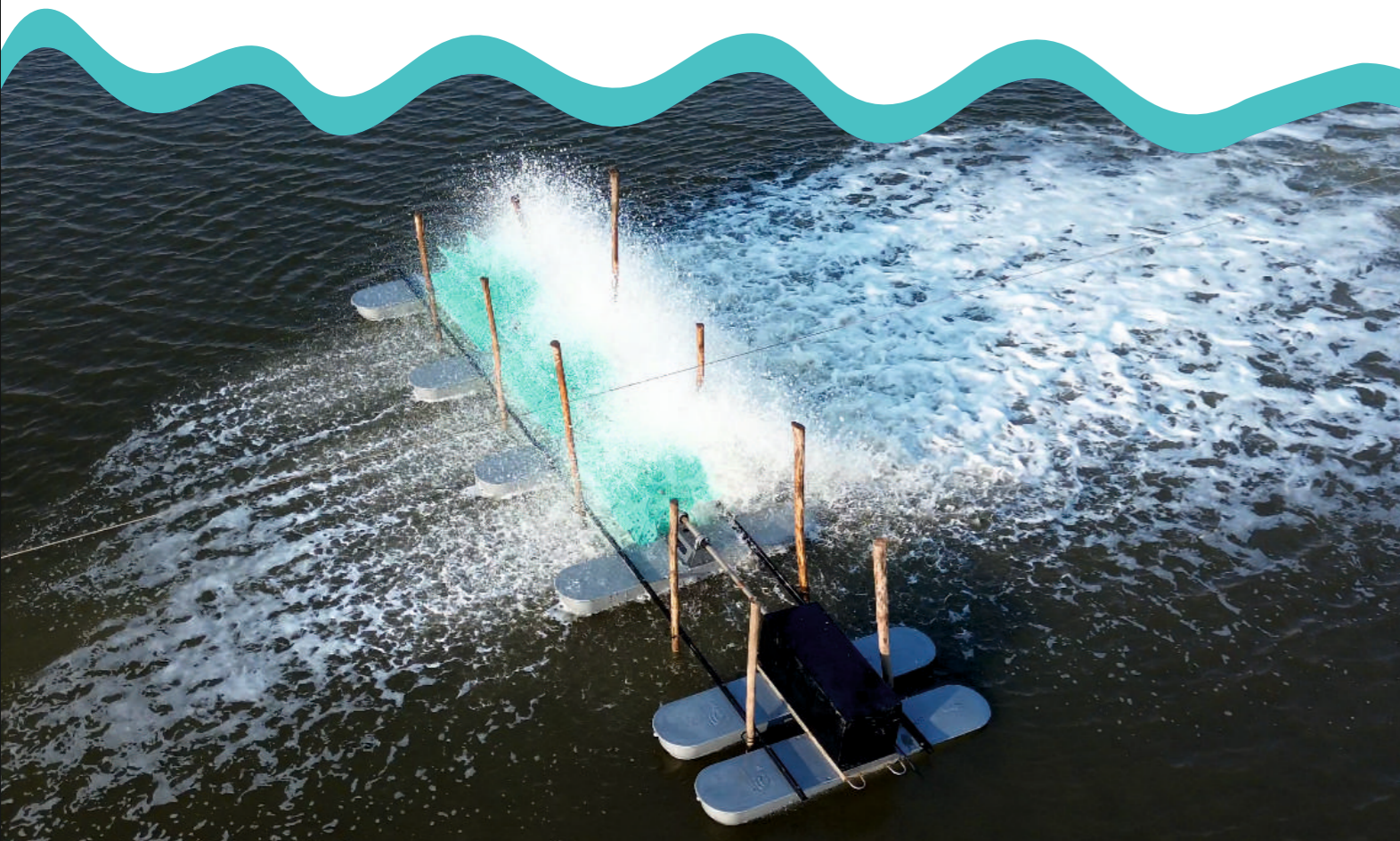
<b>HDPE Float</b> 5 Unit Virgin HDPE with UV	<b>Impeller</b> 8 Unit Virgin PP with UV	<b>Motor Cover (Blow Molded)</b> 1 Unit 100% Virgin HDPE with UV	
<b>4 HP Motor</b> 1 Unit IE Class - 2 & 3	<b>Gear Box (Bevel - Helical Type)</b> 1 Unit Cast Iron with Bevel Gear CED Coated, External Sleeve	<b>Stainless Steel Frame - SS.304</b> 1 Unit L - Angle with Powder Coated	
<b>Shafting- SS 304</b> 2 Unit Solid Rods	<b>Tripod</b> 4 Unit Virgin Nylon	<b>Movable Joint- SS. 304</b> 2 Unit with Hight Quality Rubber	<b>Nut &amp; Bolt Kit</b> 1 Unit S.S 304

# 3HP

## 12 PADDLE WHEEL LONG ARM AERATOR



KW	HP	VOLTAGE	HZ	EFFICIENCY	DO	AMP
2.24 KW	3	415	50	84.35%	3.8 to 4.3	3.8



## Spare Parts



We have developed 12 paddle wheel long arm aerator specifically designed for larger ponds more than 1 hectare. Traditional long arm aerators are often "FIXED" to the pond dyke at one end, while our model can place anywhere within the pond. Farmers often face challenges in spare parts such as shaft, impeller, and gimbal joint breakage, gearbox maintenance concerns, insufficient oxygen levels, and inadequate water current. Our model effectively addresses these challenges such as Single Mould Impeller, HDPE Floater, S.S. 304 Shaft and Frame, Strong foundation for Gearbox and Motor, Bigger Gimbal joint and Helical Gearbox. As a result as lower maintenance, increased durability, improved oxygenation as well as water current and reduced power loss compared to the existing traditional long arm aerators.



**3 HP Motor**  
1 Unit with CED Coating



**Helical Gearbox**  
1 Unit Cast Iron with CED Coating



**Impeller (Single Mould)**  
12 Unit S.S. Bushing Virgin Plastic with UV



**Floater (Blow Mould)**  
6 Unit Virgin HDPE with UV



**Tripod with Stand**  
4 Unit Virgin Plastic with UV



**Gimbal Joint**  
2 Unit Iron



**Frame**  
1 Unit L Angle S.S.304 with Powder Coating



**Shafting- SS 304**  
1 Unit Round Pipe OD-33.5mm



**Gearbox & Motor Frame**  
1 Unit Heavy L Channel Frame with Powder Coating



**Nut & Bolt Kit**  
1 Unit S.S 304



## Spare Parts



**Motor**

IE Class - 2 & 3



**Gear Box**  
(Bevel - Helical Type)

Cast Iron with Bevel Gear  
CED Coated, External Sleeve



**Motor Cover**

Virgin HDPE with UV



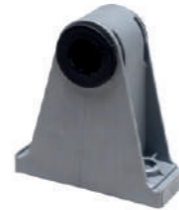
**HDPE Float**

Virgin HDPE with UV



**Impeller**

Virgin PP with UV



**Tripod**

Virgin Nylon



**Movable Joint**

SS. 304 with High Quality Rubber



**S.S. Bolt Kit**

SS 304



**Motor Fan Cover**

IE Class - 2 & 3



**Bevel Gear**



**Pure Copper Wire**



**Silicon Stamping**



**Oil Seal**



**Bearing**



**1HP Shaft**



**2HP Shaft**



**3HP Shaft**



**4HP Shaft**



## Spare Parts

### 12 PADDLE WHEEL LONG ARM AERATOR



**Motor**

with CED Coating



**Helical Gearbox**

Cast Iron with CED Coating



**Gearbox & Motor Frame**

Heavy L Channel Frame with  
Powder Coating



**Impeller**

S.S. Bushing Virgin Plastic with UV



**Tripod with Stand**

Virgin Plastic with UV



**Gimbal Joint**

Iron



**Frame**

L Angle S.S.304 with  
Powder Coating



**Shafting- SS 304**

Round Pipe OD-33.5mm

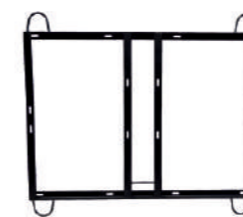


**S.S. 304 Shaft**

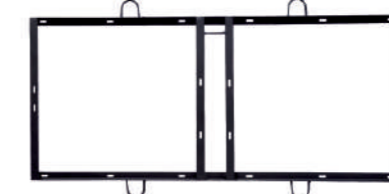


**Alu. Die Cast Rotor**

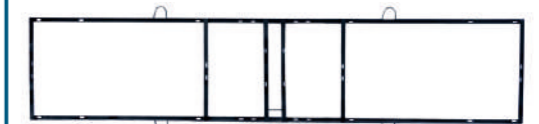
### Frame



**1HP Frame**



**2HP Frame**



**3/4HP Frame**

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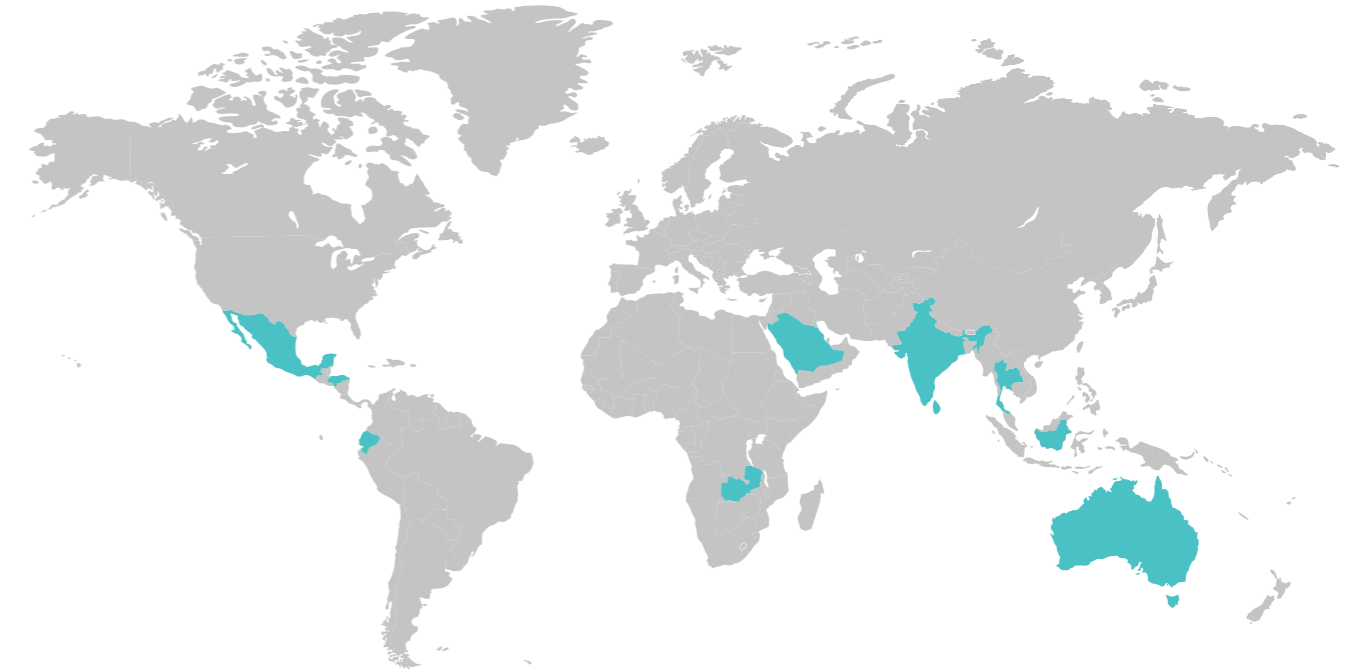
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