

# Aquamax Paddlewheel Aerator



Dissolve oxygen is arguably the most critical water quality parameter in aquaculture farming and potential profit is lost every year from direct effects of low oxygen, poor growth, food conversion, and a variety of environmental and pathogenic diseases directly related to the stresses of poor water quality. The use of paddlewheel aerators becomes another factor to be considered and crucial in aquaculture farming.

## 1HP Paddlewheel Aerator

**Aquamax : AM-001**



Power: 1 HP 3PH or 1PH motor (TECO motor available)  
Reducer: Bronze worm gear wheel with 28mm output shaft  
Impeller: 8 removable nylon paddles with brass bushing × 2  
Float: HDPE 1,630mm × 2  
Frame: SUS 304  
Cover: HDPE  
Shaft: SUS 304, 25 × 550mm × 2  
Movable Joint: Cast iron (SUS 304 available)  
Setting Bar: 1/2" × 8 ft × 4  
Dimensions (Assembled): 1,700 × 1,630 × 870mm  
Loaded Volume (Net): 0.37M<sup>3</sup>  
Loading Capacity (20ft / 40ft): 84 units / 176 units

## 2HP Paddlewheel Aerator

**Aquamax : AM-002**



Power: 2 HP 3PH motor (TECO motor available)  
Reducer: Bronze worm gear wheel with 28mm output shaft  
Impeller: 8 removable nylon paddles with brass bushing × 4  
Float: HDPE 1,630mm × 3  
Frame: SUS 304  
Cover: HDPE  
Shaft: SUS 304, 25 × 848mm × 2  
Movable Joint: Cast iron (SUS 304 Available)  
Setting Bar: 3/4" × 8 ft × 4  
Dimensions (Assembled): 2,200 × 1,630 × 870mm  
Loaded Volume (Net): 0.554M<sup>3</sup>  
Loading Capacity (20ft / 40ft): 56 units / 116 units

## Spare Parts



Motor



Reducer



Movable Joint



Bearing Stand