

**Fenner**

# *Esuwan*

## AERATOR







*J.K.Fenner Plant and R&D Centre at Pashamailaram - Hyderabad*

- Established in 1956 and acquired by J.K.Organisation in 1987.
- Member of the JK Organisation since 2004.
- **Products:** Belts and Oil Seals for Industrial and Automotive applications, besides range of Power Transmission Accessories - Pulleys, Couplings, Gear Boxes, Geared Motors, Aerator, Belt Tensioner, Industrial Hoses, Bearings, Rubber Rolls and Cotton Yarn.
- Enhanced Product portfolio by introducing Green Cover Belts and Elastic Belts alongwith range of Auto Components - Vibration Dampers, EPDM Hoses and Engine Valves.
- Undisputed leadership in Industrial & Automotive belts for over 60 years in India offering **Total Power Transmission & Sealing Solutions**.
- Five State-of-the-art plants - Madurai, Nilakottai & Sriperumbudur in TN, Patancheru & Pashamailaram in Telangana, R& D centres, 12 branches, 900 plus Channel Partners and over 100 Application & Design engineers, apart from two Textile units - Karur & Salem in TN.
- Certifications - ISO 9001, TS 16949 for Quality, OHSAS 18001 for Health and safety & ISO 14001 for Environmental protection. Madurai and Patancheru units won TPM Awards.
- Customer centric approach - Engineering Seminars, Trade Fairs, Drive Check Campaigns, Energy Audits, Fenner Shoppe, Road Shows, Cluster Meets etc.
- Exports reaching over 50 countries in the world.



## Balancing Type Aerators

### 2 PADDLE



#### Technical Specification:

- Direct Drive
- Gear Box Designed with two spiral bevel & Helical Gears
- Motor is designed with Spline shaft
- 4-Pole induction motor of Fenner make motor power - 1 HP
- Power consumption 1.2 to 1.3 amps
- Oxygen generates 1.2 kg/hr
- Size of aerator 1.63m x 1.6m
- Wave length covers - 80ft

#### Benefits:

- High Efficiency of gear box
- Compact design
- Easy to assemble during installation
- Covered with close guard
- Power saving 25-30% on similar product

#### Technical Specification:

- Direct Drive
- Gear Box Designed with two spiral Bevel & Helical Gears
- Motor is designed with Spline shaft
- 4-Pole induction motor of Fenner make motor power - 1 HP
- Power consumption 1.8 to 1.9 amps
- Oxygen generates 2.4 kg/hr
- Size of aerator 1.63m x 2.2m
- Wave length covers - 90ft

#### Benefits:

- High Efficiency of gear box
- Compact design
- Easy to assemble during installation
- Covered with close guard
- Power saving 30-40% on similar product

### 4 PADDLE

#### with Cast Iron Gearbox



### 4 PADDLE

#### with Anti Rust Gearbox



#### Technical Specification:

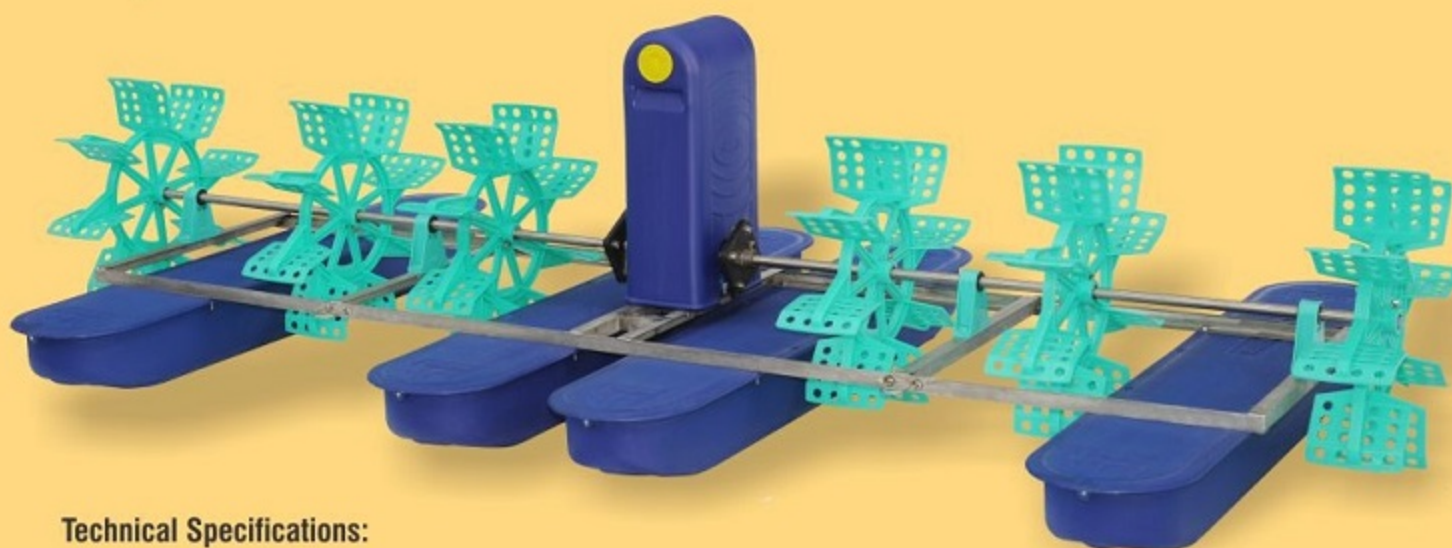
- Direct Drive
- Gear Box Designed with two spiral bevel & Helical Gears
- Motor is designed with Spline shaft
- 4-Pole induction motor of Fenner make motor power - 1 HP
- Power consumption 1.5 to 1.6 amps
- Oxygen generates 2.4 kg/hr
- Size of aerator 1.63m x 2.2m
- Wave length covers - 90ft

#### Benefits:

- Gear box with Anti rust property
- High Efficiency of gear box
- Compact design
- Easy to assemble during installation
- Covered with close guard
- Additional power saving comparing convention gearbox



### 6 PADDLE



#### Technical Specifications:

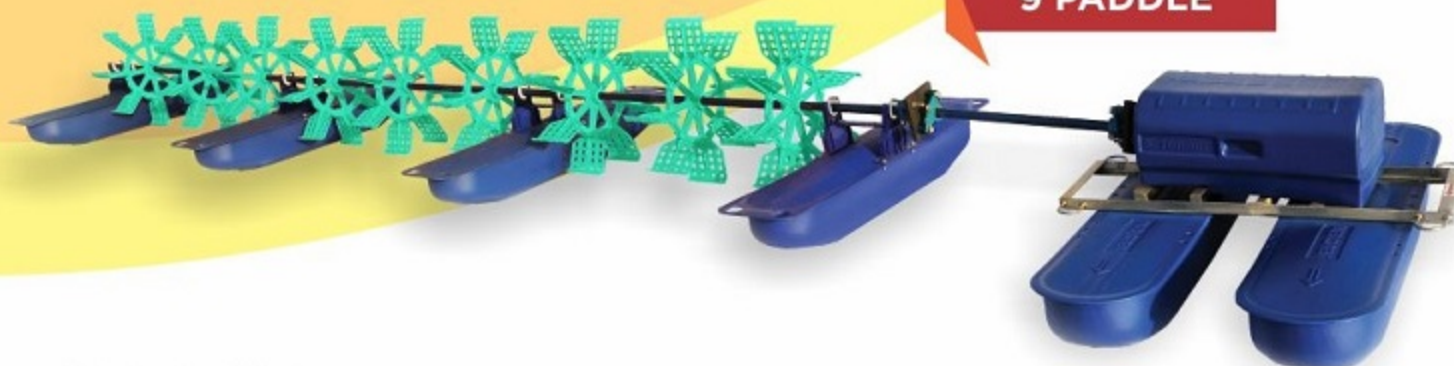
- Direct Drive
- Gear Box Designed with two spiral bevel & Helical Gears
- Motor is designed with Spline shaft
- 4-Pole induction motor of Fenner make motor power - 2 HP
- Power consumption 2.9 to 3.0 amps
- Oxygen generates 3.5 kg/hr
- Size of aerator 1.63m x 3.0m
- Wave length covers - 85ft

#### Benefits:

- High Efficiency of gear box
- Compact design
- Easy to assemble during installation
- Covered with close guard
- Power saving 25-30% on similar product

## Long Arm Type Aerators

### 9 PADDLE

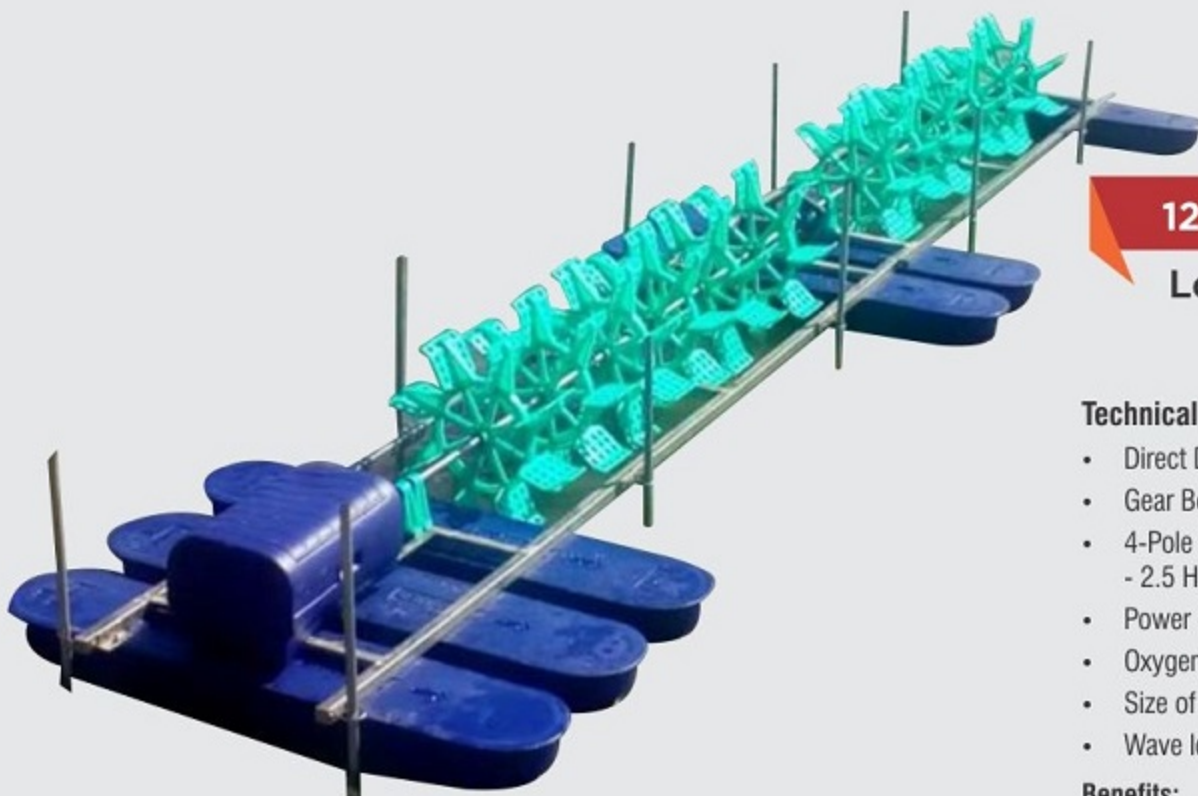


#### Technical Specification:

- Direct Drive
- Gear Box Designed with Helical Gears
- 4-Pole induction motor of Fenner make motor power - 2 HP
- Power consumption 2.8 to 2.9 amps
- Oxygen generates 4 kg/hr
- Size of aerator 1.63m x 6m
- Wave length covers - 80ft

#### Benefits:

- High Efficiency of gear box
- Compact design
- Easy to assemble during installation
- Covered with close guard
- Power saving 25-30% on similar product



## 12 PADDLE

### Long Arm Type Aerators

#### Technical Specification:

- Direct Drive
- Gear Box Designed with Helical Gears
- 4-Pole induction motor of Fenner make motor power - 2.5 HP
- Power consumption 3.6 to 3.8 amps
- Oxygen generates 5.5 kg/hr
- Size of aerator 1.63m x 7m
- Wave length covers - 75ft

#### Benefits:

- High Efficiency of gear box
- Compact design
- Easy to assemble during installation
- Covered with close guard
- Power saving 25-30% on similar product

## Accessories



Fan



Bevel Helical & SMSR Gear Box



Tripod



1 & 2-Hp Motor



Gland



HDPE Float



Motor Guard



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