

## Submersible mixer type ABS XRW

### Features and benefits

- Lowest energy consumption
- Easy upgrade of existing installations supported by a wide range of brackets and adapters
- Operational flexibility with variable speed to match the real mixing task and to manage changes throughout the year
- The robust design and the Premium Efficiency motor give superior reliability and long operating life

### Key characteristics

Capacities	up to 1.79 m <sup>3</sup> /s / 28'300 USgpm
Diameters	up to 900 mm / 35 in.
Temperatures	up to 40°C / 104°F

### Applications

- Mixing and stirring applications in sewage treatment plants and industrial areas
- Homogenization of highly-concentrated sewage sludge



## Submersible mixer type ABS RW

### Features and benefits

- Compact, water pressure-tight design
- Easy to replace existing installations using a wide range of brackets and adapters
- Shorter mixing times
- Reliable with a minimal risk of motor overloading

### Key characteristics

Capacities	up to 6'300 m <sup>3</sup> /h / 28'000 USgpm
Diameters	up to 900 mm / 35 in.
Temperatures	up to 40°C / 104°F
Motor powers	22 kW (50 Hz) / 25 kW / 33.5 hp (60 Hz)

### Applications

- Prevention of deposits and floating crusts in pump sumps
- Mixing and stirring applications in sewage treatment plants and industrial areas
- Homogenization of highly-concentrated sewage sludge



## Flow booster type ABS XSB

### Features and benefits

- Premium Efficiency motor gives total efficiency improvement of up to 25% compared to other conventional mixer designs
- Compact, water pressure-tight design
- Provides high thrust and high flow capacity
- Self-cleaning propellers provides vibration-free operation
- Increased performance variations with an extended and wide duty range
- Superior reliability and long operating life

### Key characteristics

Capacities	up to 6.2 m <sup>3</sup> /s (50 Hz) / 6.0 m <sup>3</sup> /s / 95'200 USgpm (60 Hz)
Diameters	up to 2'750 mm / 108 in.
Temperatures	up to 40°C / 104°F
Motor powers	up to 7.5 kW / 10.1 hp

### Applications

- Gentle circulation and mixing in sewage treatment plants and industrial areas
- Low-speed wastewater mixing and stirring applications, including:
  - Equalization of sewage
  - Biological processes
  - Selector (contact zone)
- Hazardous locations ATEX Ex II 2G k Ex d IIB T4



## Flow booster type ABS SB

### Features and benefits

- Robust and compact design
- Can be used in tanks of all shapes
- Hydrodynamic shape for optimum flow formation
- Drive unit optimized for mixing application
- Long operating life

### Key characteristics

Capacities	up to 3.9 m <sup>3</sup> /s (50 Hz) / 4.2 m <sup>3</sup> /s / 62'000 USgpm (60 Hz)
Diameters	up to 2'500 mm / 98 in.
Temperatures	up to 40°C / 104°F
Motor powers	up to 4.5 kW (50 Hz) / 4.6 kW / 6.2 hp (60 Hz)

### Applications

- Suspension of activated sludge
- Flow generation in oxidation ditches

