

HYDROMIX[®] FLOCMIX

●●● CONVENTIONAL TOP-ENTRY AGITATOR

- Simple and efficient design
- High speed, medium speed and low speed
- Suitable for specific processes such as Veolia Actiflo[®] and SUEZ.
- Suitable for conventional mixing of low-viscosity products in any process under normal temperature and pressure.



Application: Environmental protection ,
Water treatment

**ENERGY CONSERVATION &
HIGH EFFICIENCY**

HIGH RELIABILITY

HIGH COST-EFFECTIVENESS



► Design

- Gear motors with power ratings from 0.37kW to 30kW.
Selectable fixed speed or adjustable speed.
- Single or multiple impellers
To adapt to different operating conditions.
- Patent design of a three-part hub
Easy disassembly, assembly and adjustment of the impeller position.
- Mounting base
Standard square or EU -standard d circular.

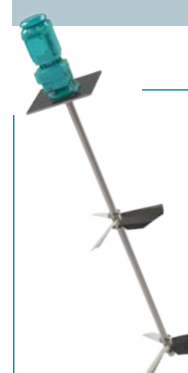
► Materials

- Various types of stainless steel
- Carbon steel
Carbon steel cladding (PO, PE, FRP, PTFE...)
Spray Coating for Carbon Steel (F30, F40, F46...)
- Specialty Alloys
Duplex steel, Super duplex steel, Hastelloy



► Applications

- Environmental protection industry
Suitable for municipal water treatment, industrial wastewater treatment, and high-, medium-, and low-speed mixing in seawater desalination processes.
- Industrial applications
Suitable for the chemical and petroleum industries.
Routine mixing and storage in industries such as sugar refining, papermaking, pigment manufacturing, and hygiene product manufacturing.



HYDROMIX

High-speed agitator

- 14 Standard models
- Suitable for tank volumes of 55 m³ and above

FLOCMIX

More suitable for flocculation and maturation than HYDROMIX series agitators

Low-speed agitator

- 17 Standard models
- Suitable for tank volumes of 400 m³ and above



All models can be custom-designed according to client specifications.

Model Selection Examples

HYDROMIX and FLOCMIX are commonly used in two important process technologies :

- 1 – Coagulation – Rapid mixing – MIXEL's TTPA type propeller
 - 2 – Flocculation – Slow mixing – MIXEL's TT&TTA type propellers
- The design of the MIXEL impeller has significantly improved key parameters such as velocity gradient, pumping flow, peripheral speed, superficial velocity, etc..

