# **HYDROMIX**® FLOCMIX

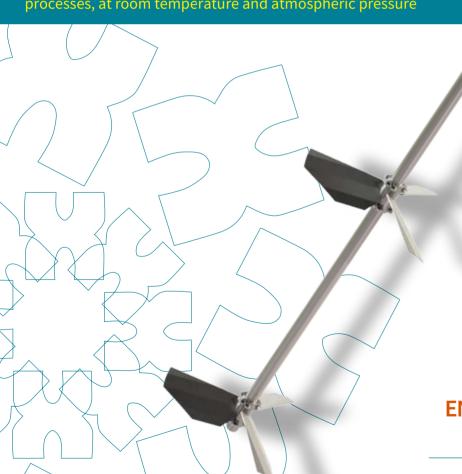
CONVENTIONAL TOP-ENTRY AGITATOR

- Simple and efficient design
- · High, medium or slow speed agitator

Application: Environmental protection

Water treatment

- Professional cooperate with various processes (Veolia Actiflo, Turbomix, etc.)
- A basic for all simple mixing of low viscosity products, in any processes, at room temperature and atmospheric pressure



**ENERGY-CONSERVATION & HIGH EFFICIENCY** 

RELIABLE

**COST-EFFECTIVE** 







# **▶** Design

- Fixed or variable speed motoreducer From 0.37 kW to 30 kW
- Unique or multiple-level propellers To suit different working conditions
- Patent design for three part hubs Easy to remove and adjust propeller position
- Fixation flange Square as standards or circular

# **▶** Materials

- Various types of stainless steel
- Carbon steel Carbon steel cladding (PO, PE, FRP, PTFE...) Carbon steel spraying (F30, F40, F46...)
- Special alloys Duplex or super duplex or alloy type



# **▶** Applications

- Environment industry High, medium or slow blending, potable water, waste water, sludge and industrial effluents treatment, seawater desalinization...
- Industrial processes Simple blendings and storage in chemical and petrochemical industries, sugar, paper, paint and hygiene products industries...



# HYDROMIX

#### High speed agitator

- 14 Standard agitators
- The volume of the applicable tank type can exceed 55m<sup>3</sup>

FLOCMIX More suitable for flocculation and aging than HYDROMIX series agitators

### Slow speed agitator

- 17 Standard agitators
- The volume of the applicable tank type can exceed 400m<sup>3</sup>

All designs can be customized based on the conditions of the client.

# **Applications examples**

HYDROMIX and FLOCMIX are extensively utilized in two key process technologies:

- 1 Coagulation Speed blending TTPA type MIXEL propeller
- 2 Flocculation Slow blending TT & TTA type MIXEL propellers

The design of the MIXEL impeller has significantly improved important parameters such as speed gradient, pumping flow, peripheral speed, superficial speed, etc..





