

HYDROMIX® FLOCMIX

●●●● CONVENTIONAL TOP-ENTRY AGITATOR

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



Application: Environmental protection
Water treatment

**ENERGY-CONSERVATION &
HIGH EFFICIENCY**

RELIABLE

COST-EFFECTIVE



► Design	► Materials	► Applications
• Fixed or variable speed motoreducer From 0.37 kW to 30 kW	• Various types of stainless steel	• Environment industry High, medium or slow blending, potable water, waste water, sludge and industrial effluents treatment, seawater desalinization...
• Unique or multiple-level propellers To suit different working conditions	• Carbon steel Carbon steel cladding (PO, PE, FRP, PTFE...) Carbon steel spraying (F30, F40, F46...)	
• Patent design for three part hubs Easy to remove and adjust propeller position	• Special alloys Duplex or super duplex or alloy type	• Industrial processes Simple blendings and storage in chemical and petrochemical industries, sugar, paper, paint and hygiene products industries...
• Fixation flange Square as standards or circular		



HYDROMIX

High speed agitator

- 14 Standard agitators
- The volume of the applicable tank type can exceed 55m³

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 400m³



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..

