

# HYDROMIX FLOCMIX

A RANGE OF STRONGLY BUILT AGITATORS,  
SEAL FREE, RELIABLE AND LOW PRICED

ADJUSTABLE STANDARD,  
VERTICAL AGITATOR  
FOR 1 TO 400 m<sup>3</sup> TANKS



- A basic for all simple mixing of low viscosity products, in any processes, at room temperature and atmospheric pressure
- High, medium or slow speed agitator
- Simple and efficient design

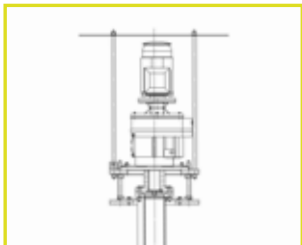
CHEMICAL INDUSTRIES  
WATER TREATMENT  
PAPER,  
PAINT AND  
SUGAR INDUSTRIES...

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## DESIGN

**FIXED OR VARIABLE SPEED  
MOTOREDUCTER**, from 0.37 kW  
to over 30 kW

—  
**UNIQUE OR MULTIPLE-LEVEL  
PROPELLERS**

Three-blade propellers, two-blade propellers or turbines - on hub and dismountable or welded on agitation shaft

—  
**FIXATION FLANGE**

square as standards or circular with various  $\varnothing$

## MATERIALS

**SS 304L OR SS 316L**

—  
**CARBON STEEL**

—  
**RUBBER COATED STEEL**

Ebonite type

—  
**STEEL COATED WITH FLUORINATED  
PRODUCTS**, by powdering  
or blasting (Halar, Téflon...)

—  
**STEEL COATED WITH PLASTIC  
PRODUCTS**, by lagging  
(PPH, PVDF...)

—  
**SPECIAL ALLOYS**

Duplex or Super Duplex or Alloy type

## APPLICATIONS

**INDUSTRIAL PROCESSES,  
SIMPLE BLENDINGS AND STORAGE**  
In chemical and petrochemical industries, sugar, paper, paint and hygiene products industries...

—  
**ENVIRONMENT INDUSTRY,  
HIGH, MEDIUM or SLOW BLENDING,**  
potable water, waste water, sludge  
and industrial effluents treatment,  
seawater desalinization...



## HYDROMIX

HIGH SPEED AGITATOR  
14 STANDARD\* AGITATORS,  
FOR TANK VOLUMES UP TO 55 M<sup>3</sup>\*\*

## FLOCMIX

An alternative to Hydromix  
for flocculation and maturation

SLOW SPEED AGITATOR  
17 STANDARD\* AGITATORS,  
FOR TANK VOLUMES UP TO 360 M<sup>3</sup>\*\*



Text and pictures are not contractually binding.

## APPLICATIONS EXAMPLES

Performances of HYDROMIX & FLOCMIX agitators are admitted by Water Treatment operators to be used in two major operations of process:

**1** – Coagulation – speed blending – TTPA Type Mixel propeller

**2** – Flocculation – slow blending – TT & TTA Type Mixel propellers. Those propellers design takes into account some very precise characteristics such as speed gradient, pumping flow, peripheral speed or superficial speed.

\* Adjustable

\*\* Customized design over 55 m<sup>3</sup> and up to 400 m<sup>3</sup>

**mixel**  
agitators