ENVIROKNEAD

LIMING



SFA enviro

MIXING SLUDGE AND LIME IN WASTE WATER TREATMENT PLANTS

Envirosludge

DESCRIPTION / OPERATION

The Envirolime EVP mixers operate continuously according to the feed flow. They consist of two rotors around which pallets are welded. The shape and the inclination of these pallets as well as the interlacing of these pallets allow a homogeneous mixing of the products

The Envirolime pallet mixer is mainly used as a sewage treatment plant for sludge liming. This operation consists in mixing the sludge from the dewatering plant with lime.



SPECIFICITIES

- Closed unit
- Mixing efficiency
- Modularity
- Easy installation and maintenance
- Low maintenance costs
- Reliability and durability

INLET AND OUTLET

the products to be mixed and the discharge outlet are custom made total flow to be mixed. according to the configuration of the installation.

MIXING

The feed outlet for the reception of The diameters of the rotors and the pallets are sized according to the

> The length of the trough defines the mixing time. Standard dimensions have been fixed, but it is possible to adapt the length of the machines to adjust the contact time or to adapt to the environment. Moreover, in

order to optimize the quality and the appearance of the mixture according to the nature of the products, the use of a speed variator is strongly recommended (both rotors are driven by a single motor).

MATERIAL

Construction in stainless steel 304L or 316L Rotors and pallets in special steel high resistance

PERFORMANCES

	Models			
	EVP 200	EVP 250	EVP 300	
Flow rate (m³/h)	2	6	12	
Installed power	2,2	2,2	3	

LAY-OUT

3 Trough

6 Cover



DIMENSIONS

	Overall dimensions in mm			
Models	EVP 200	EVP 250	EVP 300	
Rotors diameter	200	250	300	
Trough length	2000	2500	3000	
Trough width	450	530	620	
Trough height	260	310	400	

A STEP AHEAD IN WATER TECHNOLOGY

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