

PALLET MIXER

SPECIFICITIES

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



DESCRIPTION / OPERATION

The ENVIROPAL 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 ENVIROPAL 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.

○ INLET AND OUTLET

The feed outlet for the reception of the products to be mixed and the discharge outlet are custom made according to the configuration of the installation.

○ MIXING

The diameters of the rotors and the pallets are sized according to the total flow to be mixed. 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).

TECHNICAL DATA

MATERIAL

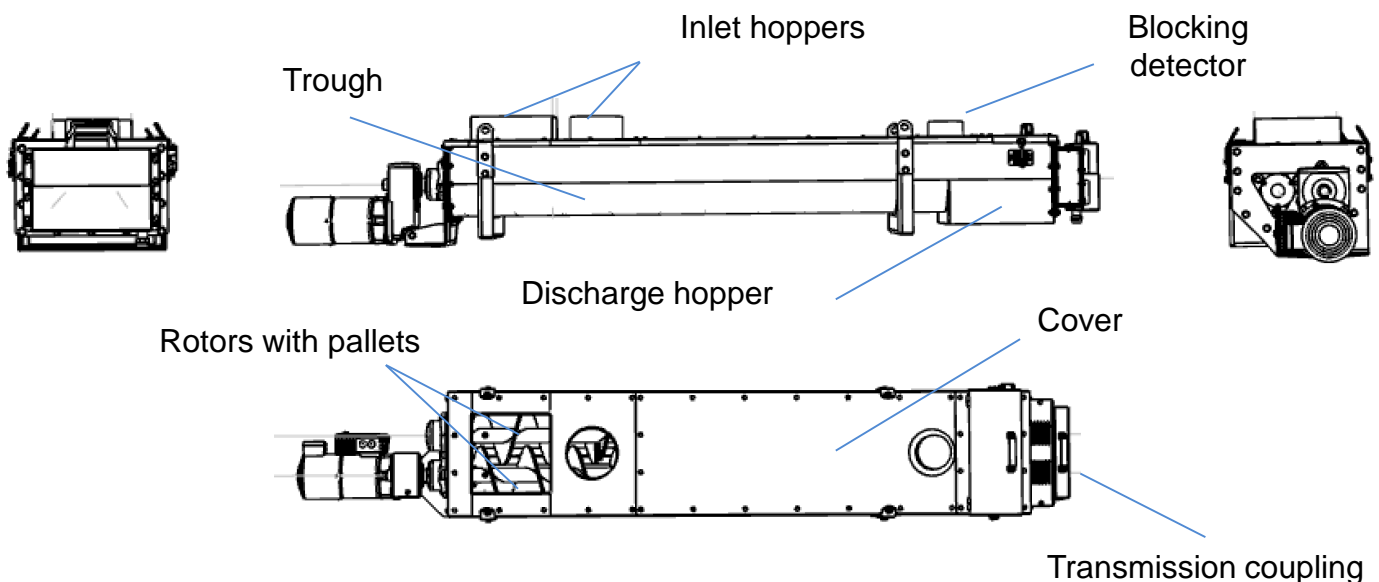
- Construction in stainless steel 304L or 316L
- Rotors and pallets in special steel high resistance

PERFORMANCES

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

The flow rates can be modulated as a function of the rotational speed
Possibility of control with an external frequency inverter or integrated in the motor

LAY-OUT AND DIMENSIONS



Models	Overall dimensions in mm		
	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

The manufacturer reserves the right to make technical and manufacturing modifications without prior notice.
Not all installation possibilities and combinations are indicated. Please consult us.