



Mixing Humidifying  
**DOUBLE SHAFT HORIZONTAL MIXER**  
**MM Type**

**PELERIN**  
Preparation and production



**THE DOUBLE SHAFT HORIZONTAL MIXER IS USED TO MIX CLAYS AFTER PRE-CRUSHING.**

It is mainly made up of :

- A metallic tank receiving the clays to be mixed.
- **2 counter rotating shafts equipped with mixing paddles.**

**Technical Characteristics** - Example : MM12.35.E

Working width	1 200 mm
Working length	3 500 mm
Maximum height	1 200 mm
Maximum outflow	80 m <sup>3</sup> /h
Installed power	55-75 kW
Shafts' rotation speed	21 rpm
Total weight without motor nor chassis	10 300 kg

## Technical Specification

- Trough-shaped tank made up of mechanically welded steel with 2 shafts fitted with cast steel paddle carriers.

Drive by gear reducer with pulleys, V-belts and pneumatic clutching mechanism.

- 2 restraining ramps supported on the lower sides of the tank crossed with mobile paddles.

One-piece paddle carriers to ease the assembly (no screw) and without clay entrapment area.

- Moistening device made of a humidifying ramp.

## Range

Type	Installed capacity (kW)	Flow rate (m <sup>3</sup> /h)	Tank's length (m)	Tank's width (m)	Total weight (kg)
<b>MM8.25.E</b>	18.5 - 22	20	2.500	0,800	3 700
<b>MM9.30.E</b>	30	50	3,000	0,900	5 000
<b>MM10.30.E</b>	37 – 45	50	3,000	1,000	6 000
<b>MM10.35.E</b>	45	50	3,500	1,000	6 400
<b>MM12.35.E</b>	55 – 75	80	3,500	1,200	9 500
<b>MM12.35.ER</b>	55 – 75	80	3,500	1,200	10 300