

ATENEA FTIMV-75 | FTIMV-100 | FTIMV-300 | FTIMV-500 | FTIMV-1000

V-SHAPED INDUSTRIAL MIXER



ATENEA FTIMV-75 | FTIMV-100 | FTIMV-250 | FTIMV-300 FTIMV-500 | FTIMV-1000

The "Atenea" industrial mixer is used in order to achieve perfect homogenization of solid with solid (in any proportion) and solid with liquid (10% maximum) products in powder or granulated form.

It has a V-shaped body with two loading inlets and one outlet, with a rotating valve to facilitate the unloading of the mixture.

Due to the V-shape axial currents are produced when the body is turned through 360 ° and these currents separate and unite the product to be mixed. This, along with the radial mixing action, produces a homogeneous result (in the proportion of 1 part in 10.000).

It is possible to add an intensifying bar within the interior which breaks down lumps and reduces the mixing time. Using this intensifying bar it is possible to add liquids in spray form.

The surface finish is mirror-polished with various grades of polish as required.

The mixing time varies, depending on the complexity of the mix-ture

ATEX UNDER REQUEST







Perfectly aligned intensifying bar with friction seals to repel dust, operated by electric motor.

ADVANTAGES:

- > It allows for smooth mixing without deformation to the particles or, when necessary, energetic mixing in order to break up lumps with the intensifying bar.
- Complete unloading through gravity. The receptacles are designed to prevent product sediment accumulating in their interior, which is free of angles, corners or grooves.
- > A minimum of environmental contamination during mixing time, as it is has inlets and outlets with hermetically sealing caps.
- > Compact design.
- > Easy to operate.
- > Easy to clean, as its interior is highly polished and is free of angles.
- > Highly cost-effective due to its high production capacity, mixing quality and low maintenance.



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INCLUDES

- > The V-shaped receptacle is mirror-polished, both inside and outside.
- > Two easy-opening hermetic loading inlets with EPDM seals.
- > Two machined and perfectly aligned supports on which to fix the rotational mountings holding the "V".
- > Gear motor drive.
- > Drive transmission via geared coupling plates and bearings suitably protected against dust.
- > Automatic stop positioner via detecting cells to stop loading and unloading.
- > User manual.
- > CE declaration of conformity.

OPTIONAL

- > Perfectly aligned intensifying bar with friction seals to repel dust, operated by electric motor.
- > Electrical panel to control the motors, emergency stop, reset button and an automatic logic control operating terminal with touch-screen which allows the performance of various mixing programs, work time monitoring, equipment revolution monitoring.
- > Covered safety protection barriers, or via detecting cells.
- > Finishes and qualities.

TECHNICAL DIMENSIONS

mm	FTIMV-75	FTIMV-100	FTIMV-250	
Α	1600	1615	1850	
В	1100	1164	1170	
С	800	1050	1500	
D	2000	2000	2300	
Е	575	710	500	
F	500	451	650	
G	ø 320	ø 370	ø 500	

r	nm	FTIMV-300	FTIMV-500	FTIMV-1000
	Α	1800	2000	2500
	В	1200	1300	1500
	С	1500	1500	2000
	D	2500	2500	2800
	Е	600	500	700
	F	650	700	1100
	G	ø 500	ø 650	ø 800



TECHNICAL FEATURES								
Model	Digital time display (min.)	Voltage	Mixer Power (kW)	Intensifying bar Power (kW)	Useful Volum (I)			
FTIMV-75	0-90	380 V 50 Hz	0.75	2.2	37.5			
FTIMV-100			0.75	2.2	50			
FTIMV-250			2.2	3	125			
FTIMV-500			4.1	4.1	250			
FTIMV-1000			-	-	500			

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SIEVING FOR LABORATORY AND INDUSTRIAL PROCESSES



Filtra Vibración S.L

C/ BRONZE, 1-3, P.I. LES GUIXERES 08915 BADALONA (BARCELONA)

filtra@filtra.com filtra.com