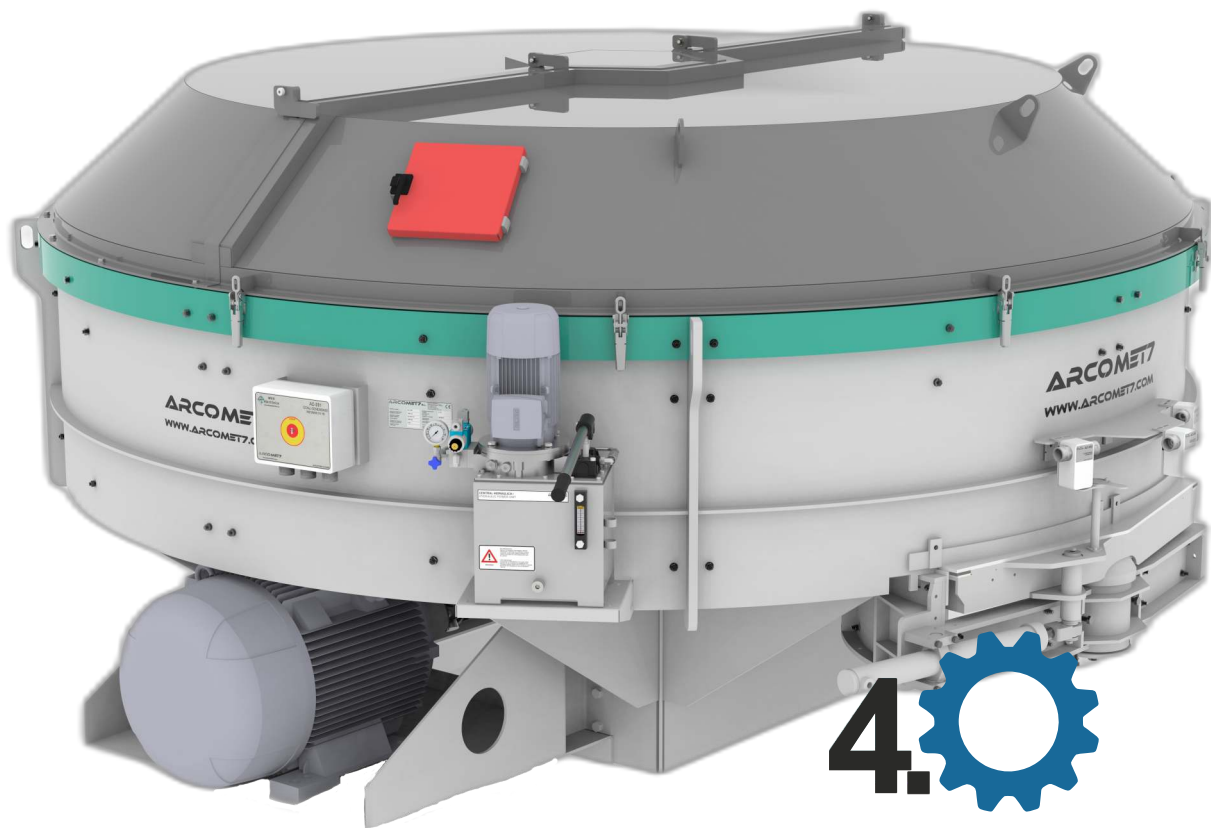
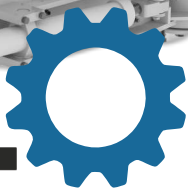


ARCOMET7

PAN TURBO MIXER MVA - MV - MVM

CONCRETE PREFABRICATED GLASS OTHER INDUSTRIES



4. 
INDUSTRY

OTHER MODELS OF MIXERS:

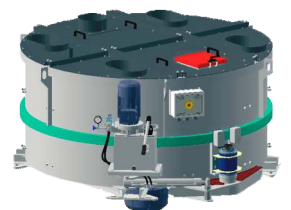
DOUBLE SHAFT - MDE

CONTINUOUS - MDC

SATELLITE - MST

HELIX - MES

MOBILE VERTICAL - MVM



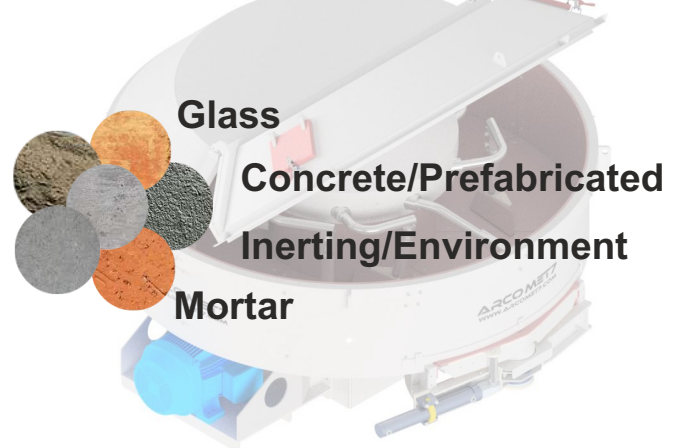
*More than 40 years of experience offering efficient mixing solutions that can be adapted to every need.
We have the largest range of mixers on the market.*

Robust and versatile vertical shaft mixer ideal for multiple applications and sectors.

High efficiency in complex mixtures. Homogeneity throughout the geometry, avoiding dead spots or areas of low movement in the tank: the arms rotate at high speed, moving the mixture from the center to the rear walls.



APPLICATION SECTORS:



MAIN FEATURES

- ✓ Spring system to absorb possible impacts and extend the useful life of the mixing system.
- ✓ Inner linings in 400HB hardness steel alloy for greater durability.
- ✓ External and internal side scrapers that keep the material in the mixing zone.
- ✓ Ni-Hard cast iron blades.
- ✓ Optionally, polyurethane or widia mixing blades can be installed.
- ✓ Hydraulic discharge gates, possibility of 2 or 3 depending on the model.
- ✓ Opening of the upper cover to facilitate maintenance and cleaning tasks.
- ✓ Drive group consisting of a high-performance motor and reducer.



Mixer installed for the production of precast.



Mixer used for glass processing.

Optionally, sensors can be installed that will collect valuable information that will later be processed by the AE9220P.MIXER-CONTROL unit, this system will allow an intelligent mixing process.

Control of electrical consumption. ← **Kilowattmeter**
Energy efficiency.

Mixer gearbox temperature measurement system. ←
Comparison of working temperatures to avoid / anticipate breakdowns.

Gearbox oil level measurement system. ←
Predictive maintenance: failures due to low oil level are avoided thanks to the configuration of warnings.
Easy and fast oil change process thanks to the visualization of the level from SCADA.

Software Mixer 4.0, for viewing and control from a PC.

Reducer T^a sensor

Level sensor

Gyro sensor

Mixer shaft revolution measurement system.
Detection of overloads and jamming of material. The machine stops automatically to prevent damage.

Control equipment and touch screen AE-9220P.MIXER-CONTROL.
Visualization and control of the entire process and the data collected from the mixer sensors. Visualization of graphic reports of all the parameters.

Easy integration with Arco Gold Two Software.

Legend:
 ■ Consumption
 ■ RPM
 ■ Oil
 ■ Temperature

POWER AND CONTROL ELECTRICAL CABINETS



When necessary, the design and manufacture of a custom electrical cabinet can be carried out.

- ✓ Supply voltage: 380/480VAC ± 5%, 50/60Hz.
- ✓ Degree of protection Ip56.
- ✓ General switch / Sectionalizer.
- ✓ Emergency stop.
- ✓ Protection of motors, by means of circuit breakers adapted to the powers of the control elements.
- ✓ Mixing motor with static starter that ensures soft and progressive starting by torque control.
- ✓ Hydraulic group motor.
- ✓ Manual controls with synoptic signaling.

ACCESSORIES



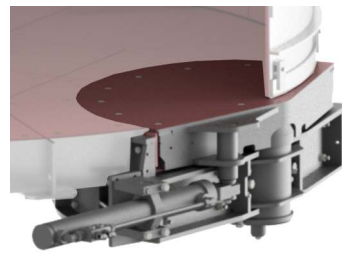
Arcomix V2 sensor

Placed at the base of the mixer, it allows humidity to be measured during the mixing process.



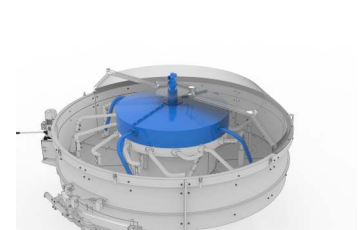
Washing System

It allows efficient cleaning thanks to the use of pressurized water through rotating heads.



Discharge gate

Possibility of installing extra discharge gates. The number depends on the mixer model.



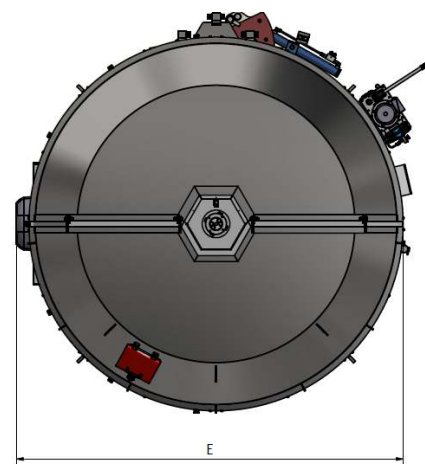
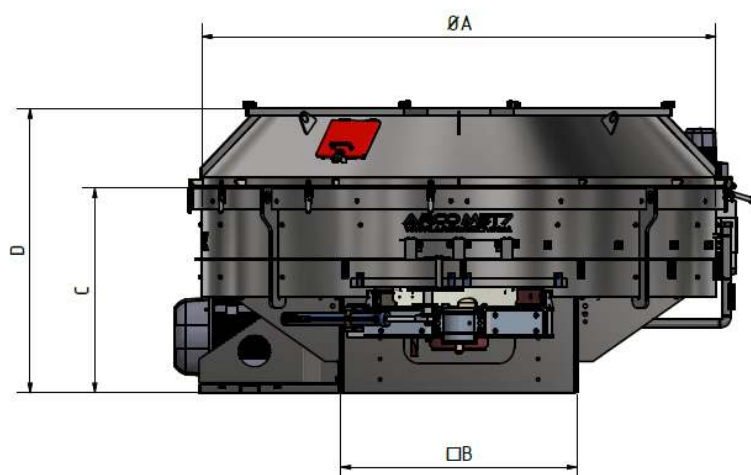
Steam System

Allows the addition of steam to raise the mixing temperature.

MODELS		MVA-750	MVA-1125	MVA-1500	MVM-1125	MVM-1500	MV-2250	MV-3000	MV-4500	MV-5250
PRODUCTION PER CYCLE*	t/h	0,5	0,75	1	0,75	1	1,5	2	3	3,5
CAPACITY	L	750	1125	1500	1125	1500	2250	3000	4500	5250
MIXING ARMS	Nº	5	6	6	6	6	8	10	13	15
MIXING ENGINE	Kw	22	30	37	30	37	55	75	110	132
HYDRAULIC ENGINE	Kw	3	3	3	3	3	3	3	3	3
DISCHARGE GATES	Nº	1	1	1	1	1	1	1	1	1
OPTIONAL GATES	Nº	-	1	1	1	1	1	2	2	2
MIXER WEIGHT	Kg	2500	3500	4600	3200	3250	7300	9000	11400	12500
A- DIAMETER OF THE BOWL	mm	2110	2200	2410	2100	2100	2410	2882	3250	3720
B- DISCHARGE GATE	mm	1000	1000	1100	1100	1100	1100	1300	1500	1600
C- STRUCTURE HEIGHT	mm	950	1100	1050	1120	1120	1150	1300	1300	950
D- MAXIMUM HEIGHT	mm	1265	1460	1500	1480	1480	1600	1750	1800	2100
E- MAXIMUM WIDTH	mm	2210	2230	2520	2300	2300	2520	3163	3441	4070

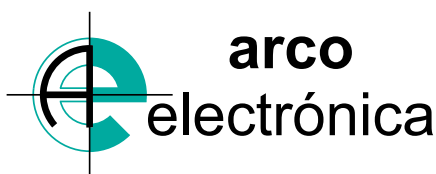
* Production based on HA-25 standard concrete mix, for another type of mix consult production.

* MVM models for optimizing space in mobile plants.



ARCOMET7

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