

# Mixers. Dryers. Innovative Solutions.



# To be innovative, one has to think ahead

## The AVA Full-Service Concept

AVA is one of the leading worldwide manufacturers of machine and system solutions around the core competency of Mixing and Drying. Our well-founded process know-how, competent staff, commitment to innovation and extensive experience is the foundation for successful single source solutions in numerous industrial applications.

### Range of applications

- Chemicals
- Food
- Environment
- Nuclear industry
- Pharmaceuticals
- Plastics
- Building materials
- Metallurgy

### Processes

- Mixing
- Cooling
- Coating
- Extracting
- Solidifying
- Reacting
- Heat treatment
- Crystallizing
- Drying
- Homogenizing
- Granulating
- Moistening

## Innovation and Experience

AVA is successful because of the quality and caliber of our staff and commitment to innovation. AVA has supplied systems to satisfied customers around the world.

## Quality and Confidence

Technical expertise in process engineering, project management, machine and system design are the basis of our competence which allow us to provide single source solutions for our customers.

## Success and Leadership

Success requires expertise, know-how and solid strategies for the future. We enjoy partnering with our customers because your success means success for us as well.

### Design

AVA insures that your process and installation requirements are used to create the best solution for your product.



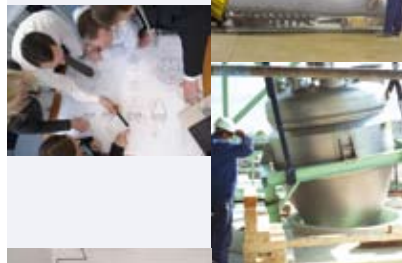
### Manufacturing / Quality

We maintain the highest quality by standardizing our fabrication technique.



### Project Management

We will routinely communicate each phase of the project to insure that you are properly informed and satisfied with our project performance.



### Installation / Commissioning

AVA has a full range of staff capable of assisting with factory and site acceptance tests, installation and training.



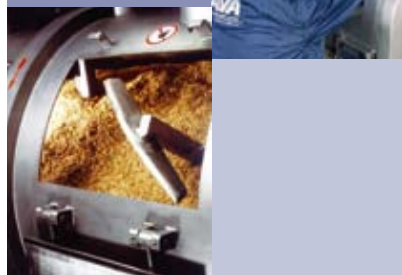
### Laboratory Trials

Modern small scale pilot trials allow us to successfully demonstrate the process with vertical and horizontal mixers, dryers and evaporators.



### Service

AVA has service technicians and spare parts available to maintain your equipment, with emergency response in the best time.



# AVA Product Range

## Mixing, Drying and Evaporating

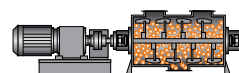


Mixers

### Batch

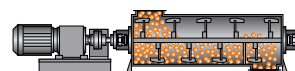
#### Horizontal Mixers

Net capacity  
Designed 100 – 30,000 liters (25 – 8,000 gal)  
as turbulent and distributive mixers with standard or product specific paddles



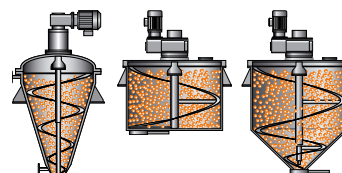
#### Continuous Horizontal Mixers

Throughput  
Designed 0.1 – 1,000 m<sup>3</sup>/h (0.45 – 4,500 gpm)  
as turbulent and distributive mixers with product specific paddles



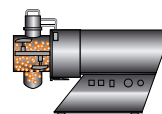
#### Vertical Mixers

Conical or cylindrical  
Net capacity  
Designed 20 – 25,000 liters (5 – 6,500 gal)  
with single or double helical ribbon agitator or central tube screw blender (not illustrated)



#### Laboratory Mixers

Net capacity  
0.2 – 200 liters (0.5 – 50 gal)  
tabletop, mobile,  
or stationary designs

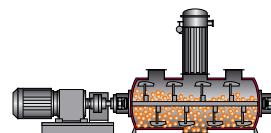


Dryers/Evaporators

### Batch

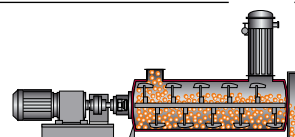
#### Horizontal Dryers

Net capacity 100 – 30,000 liters (25 – 8,000 gal)



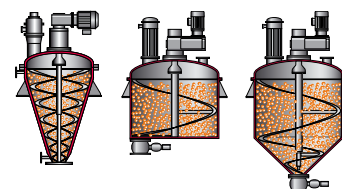
#### Continuous Horizontal Dryers

Throughput 0.1 – 100 m<sup>3</sup>/h (0.45 – 4,500 gpm)



#### Vertical Dryers

Conical or cylindrical  
Net capacity 20 – 25,000 liters (5 – 6,500 gal)



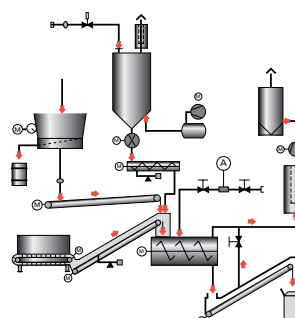
#### Conical Evaporators

Net capacity 20 – 25,000 liters (5 – 6,500 gal)



Installations

Systems and installations centering on AVA core products including weighing, conveying, heat transfer, vacuum, condensation, control systems, data recording and validation from initial concepts to final commissioning and future process optimization.



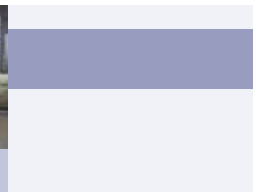
## Proven in daily practice

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At AVA, we are committed to a satisfied customer. Therefore, we will apply our expertise, innovate new solutions and demonstrate our dedication to insure your success.

Ask for our detailed brochures:

- Horizontal Mixers and Dryers
- Vertical Mixers und Dryers
- Installations



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