V Type Mixer

LT-M1297 / LT-M1298 / LT-M1299 | Rotating-vessel mixing

V-shaped vessel • Variable speed • Automatic discharge positioning



100 / 300 / 500 L

THREE CAPACITY OPTIONS

0-12

ADJUSTABLE SPEED / RPM

Replaceable vessel • Quick discharge • Application-specific configuration

Photographs and Components

V-shaped vessel, guard rail, drive housing and lower discharge

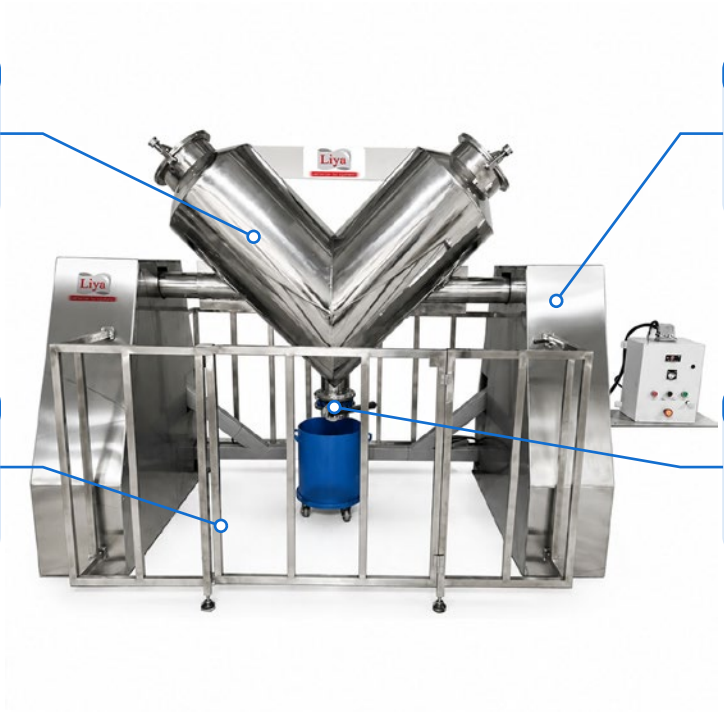
The V Type Mixer blends dry powders and granules in a rotating vessel. Its V shape divides the material between two arms and recombines it, while adjustable speed supports selection of operating conditions.

V-SHAPED VESSEL

The two-arm vessel redistributes material during rotation.

DRIVE HOUSING

The side housing surrounds the drive arrangement supporting the vessel.



GUARD RAIL

The front rail defines the working area around the rotating vessel.

LOWER DISCHARGE

The valve at the junction allows the prepared mixture to be collected.



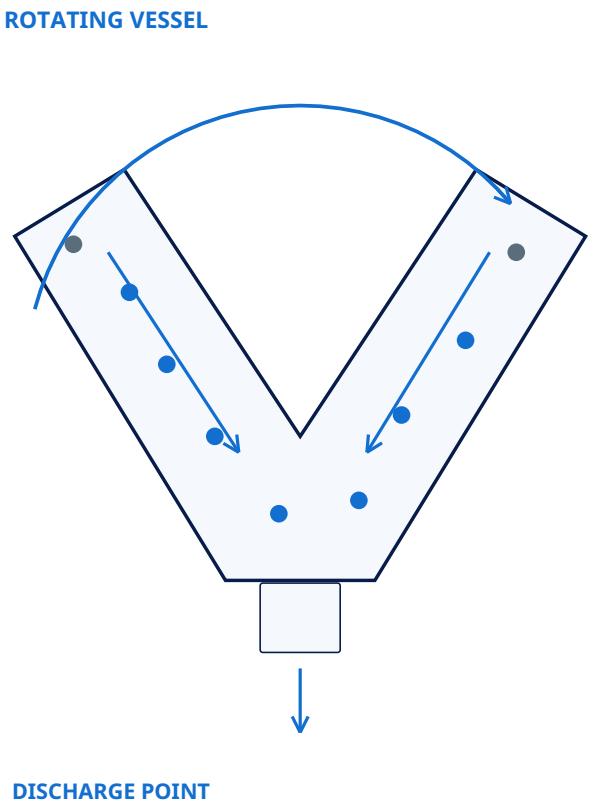
Lower discharge valve and operating lever



External control panel

Rotation, Division and Recombination

Dry material movement • V-shaped vessel • Discharge positioning



Material Movement

As the vessel rotates, material divides between the two arms and recombines at the junction.

Mixing Settings

Choose speed within the 0-12 rpm range and select mixing duration for the product.

Discharge Position

After mixing, automatic positioning brings the vessel to a suitable discharge orientation.

Mixture quality is related to fill level, particle size, bulk density and processing time. Establishing suitable conditions for each product group supports repeated mixing operations.

Capacity and Batch Planning

Assess the 100, 300 and 500 L options against the planned batch volume. Keep sample or product identification, fill quantity, speed and duration together in the batch record.

Configure the Vessel for the Application

The replaceable vessel and selectable material and surface options support different products. Choose the contact surface and filling arrangement for the mineral or industrial mixture requirements.

Model Options and Technical Data

LT-M1297 / LT-M1298 / LT-M1299 • Capacity, speed and discharge

Product Code	Product Name	Capacity
LT-M1297	V Type Mixer	100 L
LT-M1298	V Type Mixer	300 L
LT-M1299	V Type Mixer	500 L

Series Feature	Value / Function
Mixing Speed	0-12 rpm, adjustable
Discharge Position	Automatic positioning
Vessel System	Replaceable, quick discharge
Protective Equipment	Motor housing, guard rail, emergency stop
Power Supply	220 V, 50-60 Hz, single phase

LT-M1299 | 500 L Model Dimensions

External dimensions: 275 × 240 × 220 cm. Approximate weight: 1080 kg. These values apply to the 500 L model.

Mixing Workflow

01
Fill
Load the vessel for the product and batch plan.

02
Set
Select speed and mixing duration.

03
Mix
Blend material through vessel rotation.

04
Discharge
Position for discharge and collect the mixture.

Product Page | liyatest.com.tr/en/urun/v-type-mixer/