

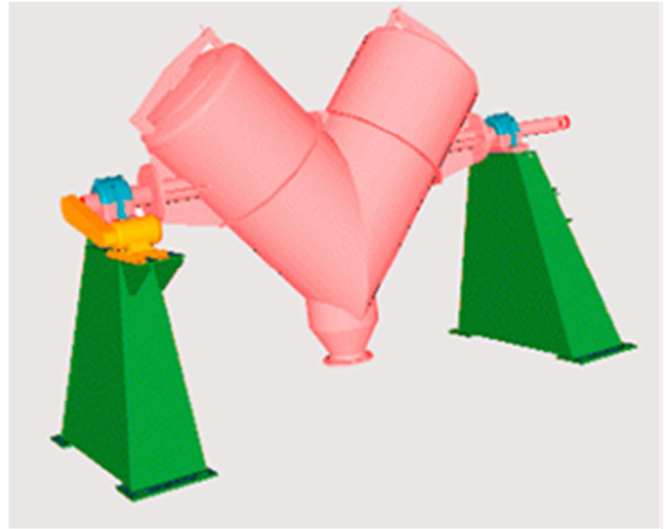


V Blender

Very easy to clean

APPLICATIONS

- For powder blending, an accurate homogenization is reached within a short time. The internal surfaces are easily cleaned.
- The V blender can meet the technical requirements of most applications in the chemical, food and pharmaceutical industry.
- Capacity: 10 to 5000 practical litres.



WORKING PRINCIPLE



- A rotating tank consisting of 2 cylinders forming a V shape compose the blender. The tank rotates around a horizontal, parallel or perpendicular axis to the V arms.
- The product inlet and outlet in the cone top is dustfree.
- A liquid injection is possible through a horizontal hollow shaft, to:
 - o granulate the premixed powder,
 - o coat the premixed granules.
- A cleaning out device can be adapted on a shaft and, if necessary during the blending process.



LESSINE
TAILORED BULK TECHNOLOGIES

LESSINE BENEFITS



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TAILOR-MADE SOLUTIONS:

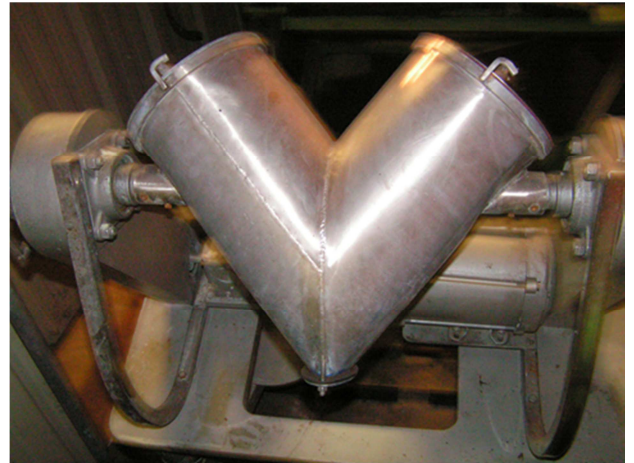
• ACCORDING TO THE SPECIFICITIES OF YOUR PROJECT: TECHNOLOGY, DIMENSIONS, INVESTMENT, COST, CONSTRUCTION...

• ACCORDING TO ON YOUR NEED: TRANSPORT, AUTOMATION, INSTALLATION, COMMISSIONING, SPARE PARTS...

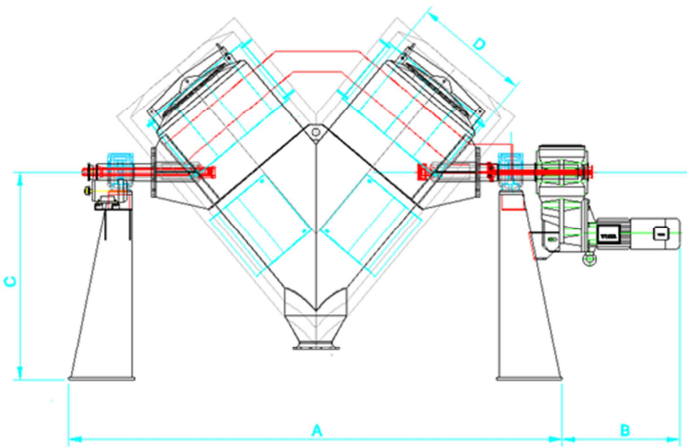
• FROM THE CONCEPTION STAGE > R&D, DEVELOPMENT, TEST AND FEASIBILITY.
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CONSTRUCTION

- The shaft inside the blender is fixed with spray nozzles, or is free rotating with delumping accessories ("choppers"), depending on the application.
- During the blending process, the product may be cooled, temperature controlled, or dried in a water jacketed vessel.
- A blender degassing is possible in case of vapour release during the mixing operation.



OPTIONS



- Automatic positioning of the blender,
- Electro-pneumatic valve for the product filling or discharge,
- Adjustable rotating speed of the blender using a frequency converter,
- Plc processor:
 - Dosing of the dry product, liquid additives, sequences of mixing, product addition, ...
- Load cells,
- Atex certified machine
- Carbon steel or stainless steel. Surface quality on request.

TECHNICAL SPECIFICATIONS

Model	capacity (litres)		Installed power		Dimensions			
	Total	Practical	kW	rpm	A	B	C	D
MV3-50	50	30	0.55	25	1500	500	950	300
MV3-100	100	60	0.75	25	1700	550	1050	350
MV3-200	200	120	1.1	22	1950	600	1100	450
MV3-400	400	240	2.2	20	2300	650	1200	550
MV3-500	500	300	3	20	2600	700	1250	650
MV3-1000	1000	600	4	16	3050	750	1350	750
MV3-1500	1500	900	5.5	16	3250	800	1500	850
MV3-2000	2000	1200	7.5	12	3700	950	1700	950
MV3-3000	3000	1800	11	12	4000	1000	1800	1100
MV3-4000	4000	2400	22	10	4400	1100	2000	1200
MV3-5000	5000	3000	30	10	4600	1200	2200	1300

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