

'V' BLENDER

Intensive Mixing System



CE

TAPASYA

'V' Blender, the rotating shell V-Type Blender are used only as dry mixers and have no packing glands (seals) around shafts entering the chamber to eliminating problems of cross contamination. Advantages of Blending operation in this Blender are, minimal attrition when blending fragile granules, large capacity, and easy loading and unloading. Modification such as the addition of baffles to increase mixing shear have been made to these types of blenders.



SALIENT FEATURES

- ! Easy to clean
- ! Minimum maintenance
- ! Integrated Vacuum loading option available
- ! Material of construction is SS16
- ! Capacity available from 5 -1200 L (Higher capacities upto 16000L also provided on demand)
- ! Intensified can be provided for special applications
- ! Particle size reduction and attrition are minimized due to the absence of any moving blades. Hence it can be used for fragile materials
- ! The Bin charging system can also be incorporated in it which provides complete dust free closed environment for charging and discharging.

'V' BLENDER

Intensive Mixing System

- ! The V-blender is good for blending dry powders and granulated products
- ! The shape of blender body results in a near complete discharge of product material, clearly an added advantage over horizontal blenders.
- ! The absence of shaft projection eliminates product contamination.
- ! V-blenders are easy to clean. Internal attachments like lump breakers and liquid dispensers widen the applications of this blender.



APPLICATIONS

Dry powder to powder mixing for tablets and capsules formulations.

Dry granules sub lots mixing to increase the batch size at bulk lubrication stage of tablet granules.

Dry powder to wet mixing.

TECHNICAL SPECIFICATION

| Model | Gross Cap in Litres | Working Cap in Litres | Overall Dimension L x W x H | RPM | HP |
|---------|------------------------|--------------------------|--------------------------------|-----|-----|
| SAI-V-1 | 50 | 30 | 1700 x 1100 x 2200 | 20 | 1 |
| SAI-V-2 | 100 | 60 | 2000 x 1250 x 2400 | 20 | 1.5 |
| SAI-V-3 | 200 | 120 | 2400 x 1350 x 2700 | 20 | 3 |
| SAI-V-4 | 300 | 180 | 2600 x 1450 x 2900 | 20 | 5 |
| SAI-V-5 | 500 | 300 | 2900 x 1600 x 3300 | 20 | 7.5 |
| SAI-V-6 | 750 | 450 | 3250 x 1700 x 3600 | 20 | 7.5 |
| SAI-V-7 | 1000 | 600 | 3600 x 1900 x 3900 | 20 | 10 |
| SAI-V-8 | 1500 | 900 | 3900 x 2250 x 4150 | 20 | 15 |
| SAI-V-9 | 2000 | 1200 | 4200 x 2400 x 4300 | 20 | 15 |



Specification and technical data are subject to change without prior notice



Manufactured & Exported By:

Tapasya Engineering Works Pvt. Ltd.

A/212, Road No.30, Wagle Industrial Estate, Thane (W) – 400 604. India

Tel.: +91 - 22- 6157 9400 / 2582 2287 • Fax : +91 - 22- 2582 5243

E-mail: sales@tapasyaindia.net • info@tapasyaindia.net • Web : www.tapasyaindia.net

Our Representatives in USA:

Daiichi Jitsugyo (America), Inc.

939 AEC Drive, Wood Dale, IL 60191

Phone : 630-776-2459 • Email: Rnelson@djausa.com

Web : www.dja-pharma.com • www.tapasyaglobalusa.com

