



AUTOMATIC MULTI-PURPOSE VIBRATING MACHINE VP/HA

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OUR PROMISE, NO EXTRA CHARGE, INCLUDED IN THE PRICE.

We thrive for success, which is why we insist on coming to you to train your staff, check the installation, and make sure that the processes are working correctly so you are achieving the desired and approved results. We would not offer you anything without approval.

- You will receive free pre-site visit and installation check.
- You will receive a free component assessment.
- We will develop a process which is then approved by you, which is tailored to your specific needs.
- You will learn how to use the machinery safely and efficiently.
- You will be able to ask questions and get personalised training from our experts.
- We will provide after sales consultancy and future project development support.
- We will provide machinery back up support from our experienced team of engineers.

We believe that our free promises are an essential part of our customer service. It is our way of showing you that we are committed to your success for the long run.



The Automatic Multi-Purpose Vibrating Machine VP/HA from Sharmic Engineering is a revolutionary machine that can perform all routine finishing operations on small metal parts, including greasing, deburring, polishing, and drying, consecutively or alternatively in fully automatic mode.

PROCESSES:

- Radiusing
- Deburring
- Degreasing
- Descaling
- Polishing
- Protection
- Smoothing
- Superfinishing
- Cleaning

INDUSTRIES:

- Automotive
- Aerospace
- Medical
- Jewellery
- Electronics
- Plastics
- Optics
- Defence
- Additive Manufacturing

BENEFITS:

- High-Energy Process
- Batch Processing
- Reduced Labour Costs
- Versatility
- Uniformity
- Precise Control
- Reduced Processing Time
- Less Material Waste
- Variable Speed

ENHANCED PRODUCTIVITY

- Single workstation for all routine finishing operations.
- Fully automatic mode.
- Hot air-drying system for even drying of complex details.
- Can be used on its own, in line with other manufacturing machines, or as a modular, multi-unit finishing plant.



How it works:

The VP/HA machine is especially designed for part on part processing where there is no need for media, as the surface finish is achieved by the action of the components working against each other in the machine. They can perform processes such as Deburring, Edge Breaking, Cleaning, Degreasing, Polishing and Hot Air Drying in one unit. Components are loaded into the bowl chamber where water and chemical compounds are added to the working chamber via a PLC control unit. The machine performs the process cycle with automatic rinsing, drying in the same chamber before discharged. The machine is capable of a standalone unit or larger system.

| | Capacity dm3 | Engine Kw | Dimensions mm |
|-----------|--------------|-----------|---------------|
| VP/HA 10 | 10 | 0,35 | 490x800x120 |
| VP/HA 40 | 38 | 0,55 | 670x800x160 |
| VP/HA 60 | 60 | 0,73 | 930x900x225 |
| VP/HA 150 | 150 | 1,5 | 1140x1000x270 |
| VP/HA 270 | 270 | 2,5 | 1380x1100x320 |
| VP/HA 380 | 380 | 3,5 | 1560x1250x360 |

**START TO
FINISH IN ONE
MACHINE**

