

Vertical Mixers

MVP Series Material Mixers

The vertical mixers of the MVP series are designed to mix large quantities of plastic granules. The machine has a solid painted-steel structure with 4 supporting legs.

Its mixing screw is driven by a 4-pole three-phase electric motor with V-belt drive. The material is loaded through a special feeding hopper equipped with a grid acting as protection and support base for bags.

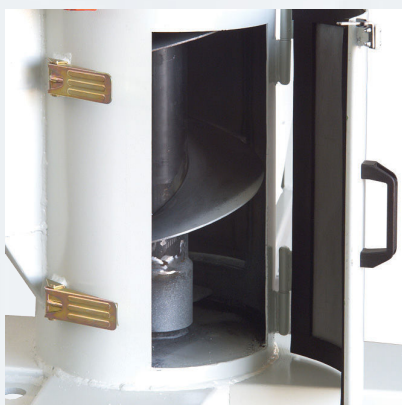
Other standard components are: protective guards, inspection doors, spyholes, material outlets. The range features dimensions from 500 to 20000 litres.

Technical Specifications

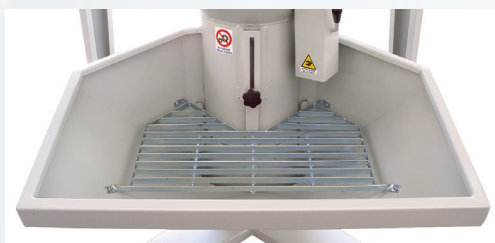
- ▶ Feeding hopper with protection grid.
- ▶ Mixing screw for a “fountain-type” mixing.
- ▶ Outlet pipe with butterfly valve.
- ▶ Lower door for easy cleaning and emptying.
- ▶ Spyhole for checking material level.
- ▶ Inspection door on the cylinder (for bigger models only).
- ▶ Switchboard with timer.

Accessories

- ▶ Paddle level sensor to control the quantity loaded.
- ▶ Connection for pneumatic suction nozzle.
- ▶ Flange for installing a screw/cyclone.



**Details of inspection door
of mixing screw**



Detail of feeding hopper

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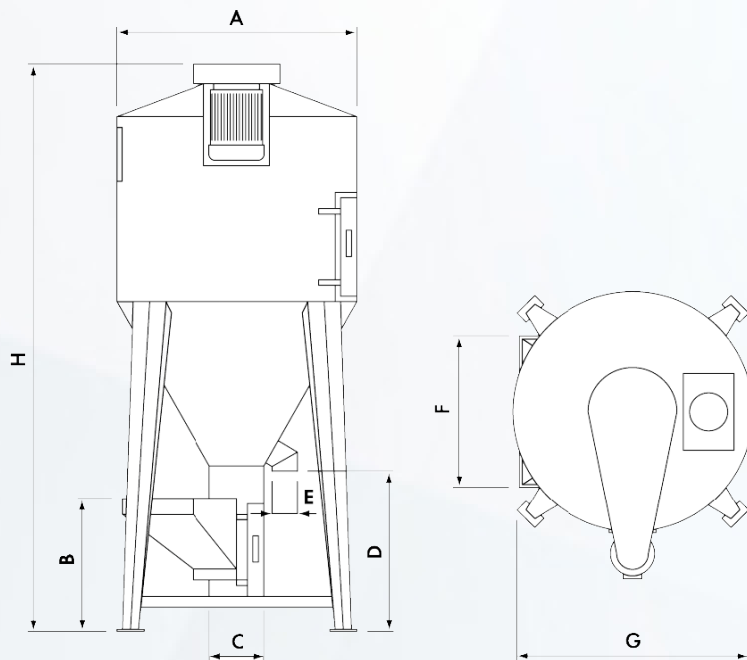
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| Technical Data | | MVP 500 | MVP 1000 | MVP 1800 | MVP 2500 | MVP 3500 | MVP 5000 | MVP 8000 | MVP 10000 | MVP 14000 | MVP 16000 | MVP 20000 |
|-----------------|-----------------|---------|----------|----------|----------|----------|----------|----------|-----------|-----------|-----------|-----------|
| Capacity | dm ³ | 500 | 1000 | 1800 | 2500 | 3500 | 5000 | 8000 | 10000 | 14000 | 16000 | 20000 |
| Noise Level | dB(A) | <80 | | | | | | | | | | |
| Installed Power | kW | 2.2 | 4 | 5.5 | | 7.5 | | | 11 | | 15 | 18.5 |
| Installed Power | kg | 220 | 300 | 460 | 490 | 610 | 800 | 1070 | 1200 | 1350 | 1500 | 2200 |

| Dimensions | | MVP 500 | MVP 1000 | MVP 1800 | MVP 2500 | MVP 3500 | MVP 5000 | MVP 8000 | MVP 10000 | MVP 14000 | MVP 16000 | MVP 20000 |
|------------|----|---------|----------|----------|----------|----------|----------|----------|-----------|-----------|-----------|-----------|
| A | mm | 850 | 1060 | 1400 | 1500 | 1600 | 1900 | 2350 | | 2450 | | |
| B | mm | 600 | 650 | 700 | | | 750 | | | | | 950 |
| C | mm | 200 | 280 | 320 | | | | | | | 400 | |
| D | mm | 800 | | | | | | | | | | 900 |
| E | mm | 150 | 200 | 230 | | | | | | | | |
| F | mm | 650 | 750 | 950 | | | 1000 | | | | | 1100 |
| G | mm | 1150 | 1250 | 1400 | 1450 | 1500 | 1800 | 1950 | | 2150 | | |
| H | mm | 2550 | 3050 | 3200 | 3500 | 3900 | 4200 | 4600 | 5100 | 5700 | 6200 | 7100 |

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