

The vertical mixers "MVP" series are designed to mix large quantities of plastic granules. The series has a solid steel structure (externally painted) with 4 supporting legs.

A built-in mixing screw is driven by a 4-pole 3-phase motor with V-belt drive. Manual feeding is made through a proper feeding hopper equipped with a protection grid and support for plastic bags. Others components are: protective guards, inspection doors and openings, material outlets. Dimensions range from 500 to 20000 litres.



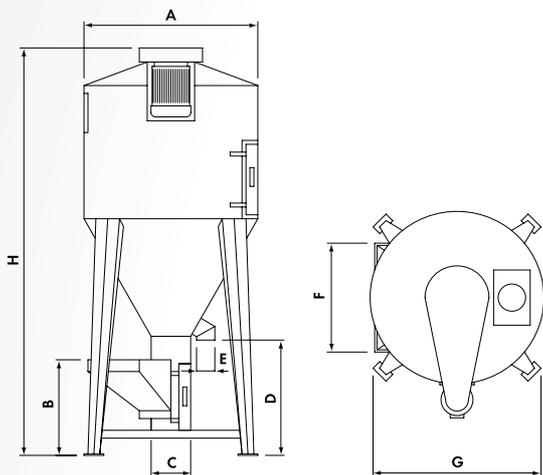
#### TECHNICAL SPECIFICATIONS:

- Feeding hopper with protection grid.
- Ducted mixing screw for a "fountain-type" mixing.
- Outlet pipe equipped with a shut-off valve.
- Bottom discharge opening for an easy cleaning and inspection.
- Level sight glass.
- Inspection door on cylinder (only on the largest models).
- Electrical switchboard with timer.

#### ACCESSORIES ON REQUEST:

- Blade level sensor for mixer feeding control.
- Connection for pneumatic suction nozzle.
- Flange for connecting a screw/cyclon.

## Vertical mixers



Detail of the inspection door of the mixing screw.



Detail of the feeding hopper.

| 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 <sup>3</sup> | 500     | 1000     | 1800     | 2500     | 3500     | 5000     | 8000     | 10000     | 14000     | 16000     | 20000     |
| Noise level     | dB(A)           | <80     |          |          |          |          |          |          |           |           |           |           |
| Installed power | KW              | 3       | 5.5      | 7.5      |          | 10       |          |          | 15        |           | 20        | 25        |
| Weight          | Kg              | 220     | 300      | 460      | 490      | 610      | 800      | 1070     | 1200      | 1350      | 1500      | 2200      |

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|----------------|----|---------|----------|----------|----------|----------|----------|----------|-----------|-----------|-----------|-----------|
| 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      |