



## Proportional Mixer

SPM-40-4-H-GS

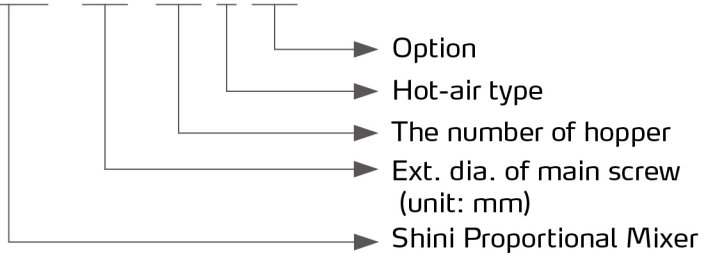


Refer carefully to this manual before operation.

# SPM Series

## ■ Coding Principle

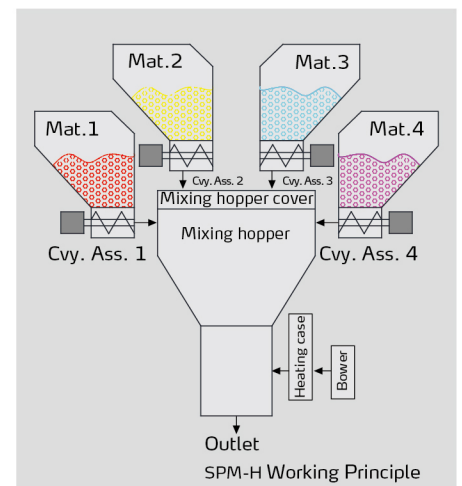
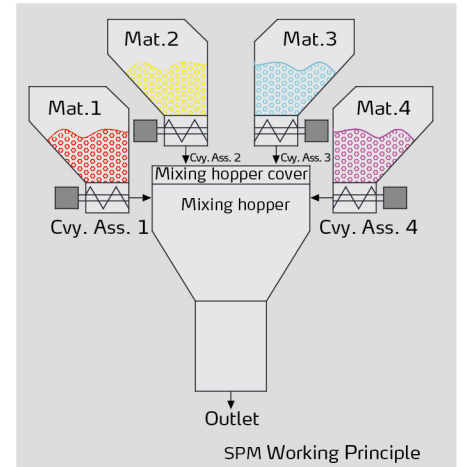
SPM - XX - XX-H-XX



## ■ Features

- The material contacted surface is made of SUS201 stainless steel.
- Simultaneous material dosing enables mixing while dosing.
- It can effectively mix the materials with large differences in bulk density, sizes, and shapes.
- No mixing is required to avoid issues resulting from dust and static.
- Modular assembly structures with convenient assembly and disassembly are easy to clean and exchange.
- A convenient material change setting of manual material cleaning valve.
- Recipe bank for convenience to change.
- DC brushless motor is free of maintenance and has a low maintenance cost.
- It is equipped with an anti-overflow protector that will shut down automatically and alarm.
- It is equipped with a material test port that is easy for customers to test the discharge capacity.
- Equipped with cleaning door for material replacement and clearing.
- Optional pipe heater achieves integrated mixing and heating system.
- RS485 communication interface

## ■ Working Principle



## ■ Options

- Floor mounted, with optional mounted storage bucket and suction box, and add "GS" at the end of the model code.
- The low level sensor is optional of models for convenient alarm in advance when machine is short of material, and add "L" at the end of the model code.
- For models optional with wireless remote control, which can be operated by mobile phone, add "4G" at the end of the model code.



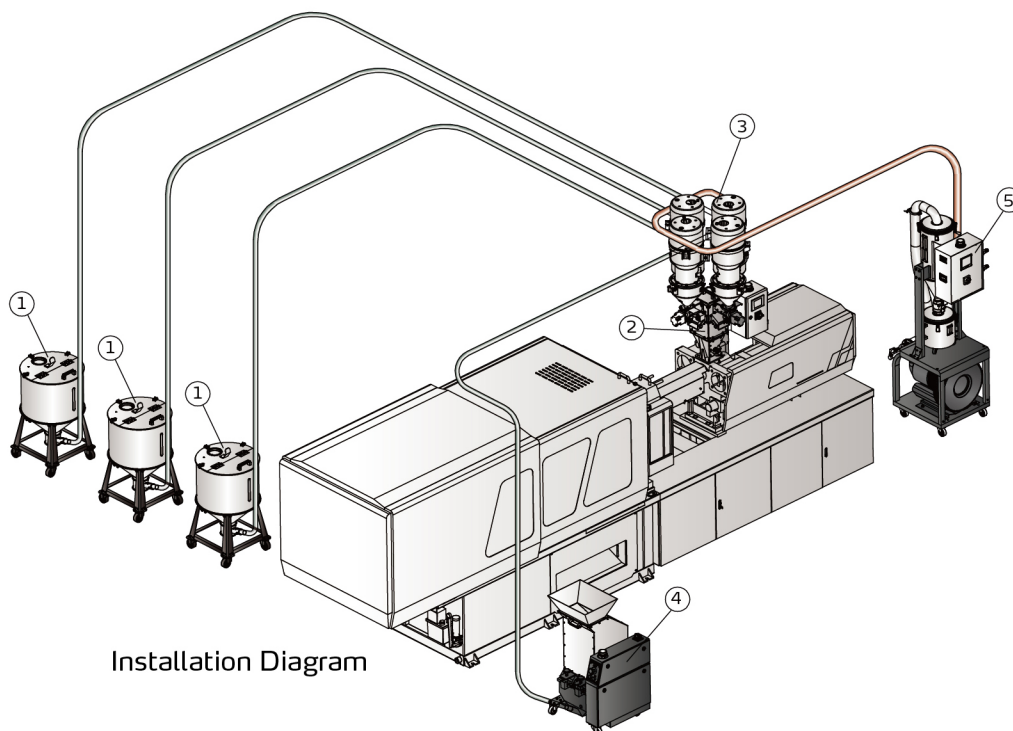
Level sensor



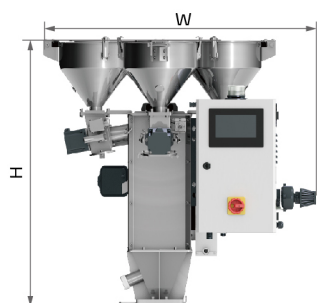
Wireless remote control

## Application

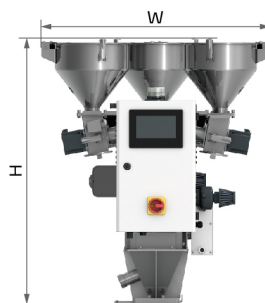
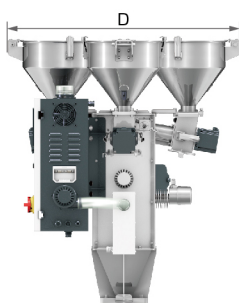
- 1.MST
- 2.SPM
- 3.SHR-U-S
- 4.SG
- 5.SAL-UG



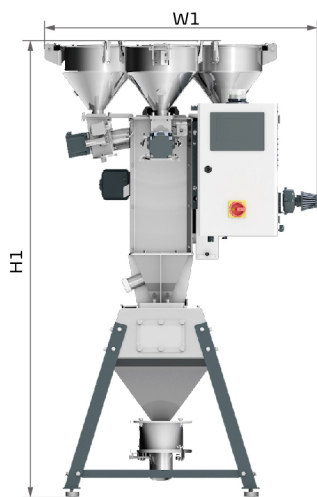
## Outline Drawings



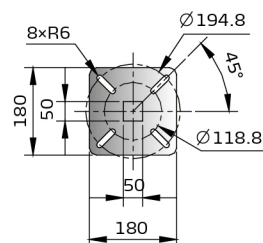
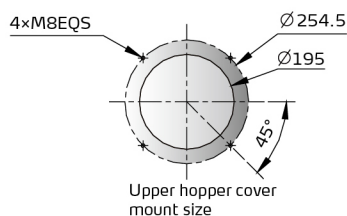
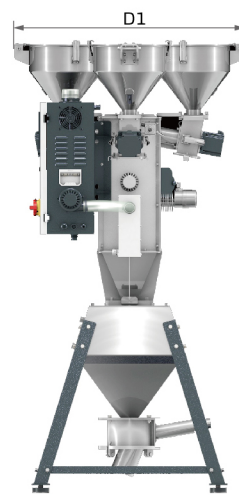
SPM-40-4 Series



SPM-40-3-H Series



Floor mounted  
(Optional tripod storage bucket)



# SPM Series

## Specifications

### SPM

| Model                            |                   | SPM-40-4     |        | SPM-40-3     |        | SPM-40-2     |        |
|----------------------------------|-------------------|--------------|--------|--------------|--------|--------------|--------|
| Main/auxiliary Screw ext. (mm)   |                   | 40×2         | 12×2   | 40×2         | 12×1   | 40×1         | 12×1   |
| Main/auxiliary Motor power(kW)   |                   | 0.14×2       | 0.14×2 | 0.14×2       | 0.14×1 | 0.14×1       | 0.14×1 |
| Single screw max. output (kg/hr) |                   | 350          | 15     | 350          | 15     | 350          | 15     |
| Storage hopper(L)                |                   | 6×4          |        | 6×3          |        | 6×2          |        |
| Dimension                        | H(mm)             | 835          |        | 835          |        | 835          |        |
|                                  | W(mm)             | 875          |        | 875          |        | 875          |        |
|                                  | D(mm)             | 875          |        | 813          |        | 813          |        |
| Weight(kg)                       |                   | 80           |        | 68           |        | 56           |        |
|                                  | Dimension (mm)    | 900×900×1550 |        | 900×825×1550 |        | 900×750×1550 |        |
|                                  | Weight(kg)        | 120          |        | 108          |        | 96           |        |
|                                  | Storage hopper(L) | 30           |        | 30           |        | 30           |        |
|                                  | Suction box(inch) | 1.5          |        | 1.5          |        | 1.5          |        |

### SPM-H

| Model                            |                   | SPM-40-4-H   |        | SPM-40-3-H   |        | SPM-40-2-H   |        |
|----------------------------------|-------------------|--------------|--------|--------------|--------|--------------|--------|
| Main/auxiliary Screw ext. (mm)   |                   | 40×2         | 12×2   | 40×2         | 12×1   | 40×1         | 12×1   |
| Main/auxiliary Motor power(kW)   |                   | 0.14×2       | 0.14×2 | 0.14×2       | 0.14×1 | 0.14×1       | 0.14×1 |
| Single screw max. output (kg/hr) |                   | 350          | 15     | 350          | 15     | 350          | 15     |
| Storage hopper(L)                |                   | 6×4          |        | 6×3          |        | 6×2          |        |
| Heater power(kW)                 |                   | 0.85         |        | 0.85         |        | 0.85         |        |
| Blower power(kW)                 |                   | 0.19         |        | 0.19         |        | 0.19         |        |
| Insulated temperature(°C)        |                   | 60~120       |        | 60~120       |        | 60~120       |        |
| Loading capacity(kg)             |                   | 6            |        | 6            |        | 6            |        |
| Dimension                        | H(mm)             | 995          |        | 995          |        | 995          |        |
|                                  | W(mm)             | 875          |        | 875          |        | 875          |        |
|                                  | D(mm)             | 875          |        | 813          |        | 813          |        |
| Weight(kg)                       |                   | 90           |        | 78           |        | 66           |        |
| Floor mounted                    | Dimension (mm)    | 900×900×1710 |        | 900×825×1710 |        | 900×750×1710 |        |
|                                  | Weight(kg)        | 130          |        | 118          |        | 106          |        |
|                                  | Storage hopper(L) | 30           |        | 30           |        | 30           |        |
|                                  | Suction box(inch) | 1.5          |        | 1.5          |        | 1.5          |        |

- Notes: 1) The output of above model is obtained based on continuous rotating of particles in bulk density of 0.65kg/L, and diameter of 3-5mm.  
2) Reference for Selection: max. conveying capacity of single screw > actual material dosage of the screw > One tenth of the single screw's max. conveying capacity  
3) Machine power supply: 1Φ, 220VAC, 50Hz

We reserve the right to change specifications without prior notice.

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