

Volumetric screw feeder

Volumetric screw feeder introduction and application:

Volumetric screw feeder, including single screw type and twin screw type feeder, is suitable for granule, pill material, poor liquidity powder, small sheet, and ensure the uniform and continuous feeding. **Volumetric micro-batch feeders** or **volumetric micro feeder** also is available.



Volumetric screw feeder features:

- ◆ This [volumetric feeder](#) is easy to control, and has high intelligence program.
- ◆ You can choose different screw according with the different material to solve feed blocking.
- ◆ Beautiful appearance, and the rolled steel contacting with material is 304 stainless steel.
- ◆ Easy to disassembly and maintain.
- ◆ The feeding accuracy can be controled to $\pm 1\%$ in any case.
- ◆ Reduce labor strength and increase labor efficiency, inprove efficiency.
- ◆ Volumetric micro-batch feeders or volumetric micro feeder has higher feeding accuracy.

1) Single screw Volume feeding machine parameters:

Applicable material: pellet, free flowing powder, etc. Feeding hopper can be cylindrical or conical shape. Product Characteristics: reliable operation, compact design and easy maintenance.

Type	Screw specification	Capacity (L/H)	Driving power (kw)	Hopper (optional)
BAT-VF-SS10	10	3-30	0.2	10L
BAT-VF-SS18	18	6-60	0.2	20L
BAT-VF-SS28	28	10-100	0.75	40-80L
BAT-VF-SS38	38	30-300	1.1	40-100L
BAT-VF-SS46	46	40-400	1.5	40-120L
BAT-VF-SS64	64	50-500	2.2	40-150L

Notes: The feeding capacity and accuracy will be affected by different materials.

Twin screw Volume feeding machine technical data:

Applicable Material: applicable for all kinds of pellet, powder, fibrous materials, etc. Feeding hopper can be cylindrical or conical shape. Product Characteristics: reliable operation, compact design and easy maintenance.



Type	Screw specification	Capacity (L/H)	Driving power (kw)	Hopper (optional)
BAT-VF-TS10	10	5-50	0.4	10L
BAT-VF-TS18	18	10-100	0.55	20L
BAT-VF-TS28	28	30-300	0.75	40-80L
BAT-VF-TS38	38	70-700	1.1	40-100L
BAT-VF-TS46	46	90-900	1.5	40-160L
BAT-VF-TS64	64	150-1500	2.2	40-200L
BAT-VF-TS78	78	300-3000	2.2	40-200L

Notes: The feeding capacity and accuracy will be affected by different materials.

Batte Main Products

Melt Pump Series:

- ★ [ZB-B standard extrusion melt pump](#)
- ★ [ZB-C reinforced melt pump for extrusion](#)
- ★ [ZB-D gear pumps for pipeline](#)
- ★ [ZB-E pressurized melt pump](#)
- ★ [ZB-F melt pump for reactor](#)
- ★ [ZB-H high pressure extruder pump](#)
- ★ [ZB-K polymer discharge gear pump](#)
- ★ [ZB-R extrusion rubber pump](#)

- ★ [RS double shaft rubber gear pump](#)
- ★ [ZB-U spinning pump](#)
- ★ [ZB-W chemical metering melt pump](#)
- ★ [ZB-X gear metering chemical pump](#)
- ★ [New type melt pump](#)
- ★ [Melt pump spare parts](#)
- ★ [PID control system for extruder](#)
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Screen Changer Series:

- ★ [Manual screen changer](#)
- ★ [Slide plate screen changer](#)
- ★ [Continuous piston screen changer](#)
- ★ [Continuous backflush screen changer](#)
- ★ [Automatic belt screen changer](#)
- ★ [Pelletizer filter without wire mesh](#)
- ★ [Screen changer spare parts](#)
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Loss in Weight Feeder Series:

- (For granule, sheet, powder, liquid, etc.)
- ★ [Loss in weight screw feeder](#)
 - ★ [Volumetric screw feeder](#)
 - ★ [Liquid polymer feed system](#)
 - ★ [Multi-component gravimetric feeders](#)
 - ★ [Gravimetric feeder control system](#)
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