

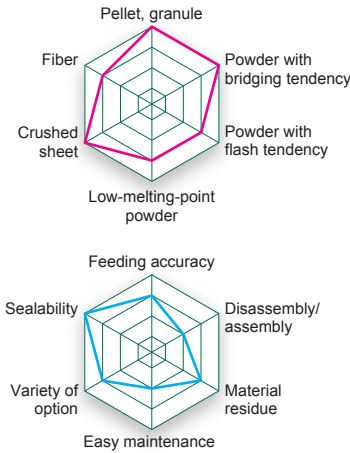
Single Twin Large Weighing Feeder



Material example

- Pellet
- Resin powder
- Calcium carbonate
- Talc
- Crushed sheet
- Flour
- Corn starch

Product feature



Feature

- Large flow rate with screw type feeder.
- Disassembly of screw part is available.
- Flame explosion proof option is available.

Specifications

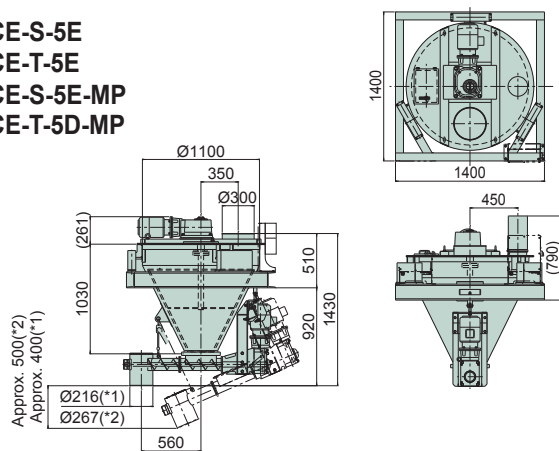
Model	Flow rate range	Hopper capacity	Weighing capacity	Screw	Feeder weight	Power supply
CE-S-5E CE-S-5E-MP CE-S-6E CE-S-6E-MP CE-S-7E CE-S-7E-MP	100-30000L/h	500L	500kg	Single	Approx. 460kg Approx. 480kg Approx. 490kg Approx. 510kg Approx. 580kg Approx. 600kg	200-240 AC, 1 phase, 3.1 kVA for agitator type: 7.6kVA
CE-T-5E CE-T-5E-MP CE-T-6E CE-T-6E-MP CE-T-7E CE-T-7E-MP		1000L	1000kg		Approx. 480kg Approx. 500kg Approx. 510kg Approx. 530kg Approx. 600kg Approx. 620kg	
		2000L	2000kg			
		500L	500kg	Twin	Approx. 480kg Approx. 500kg Approx. 510kg Approx. 530kg Approx. 600kg Approx. 620kg	
		1000L	1000kg			
		2000L	2000kg			

Model name of feeder with vertical agitator changes from E to VE.

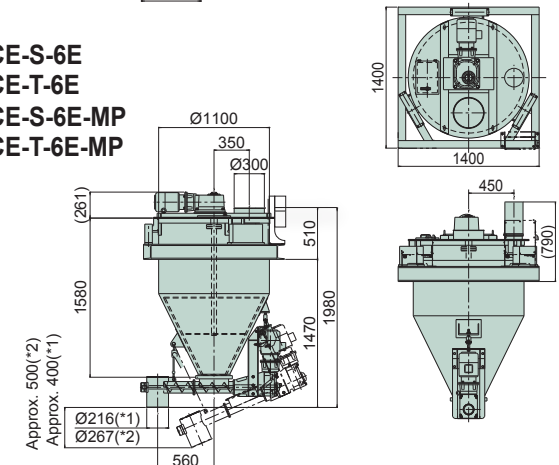
The models having "-MP" are feeder mounted panel type.

Dimensions

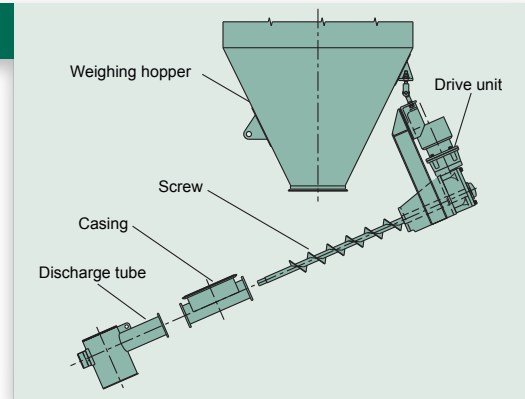
CE-S-5E
CE-T-5E
CE-S-5E-MP
CE-T-5D-MP



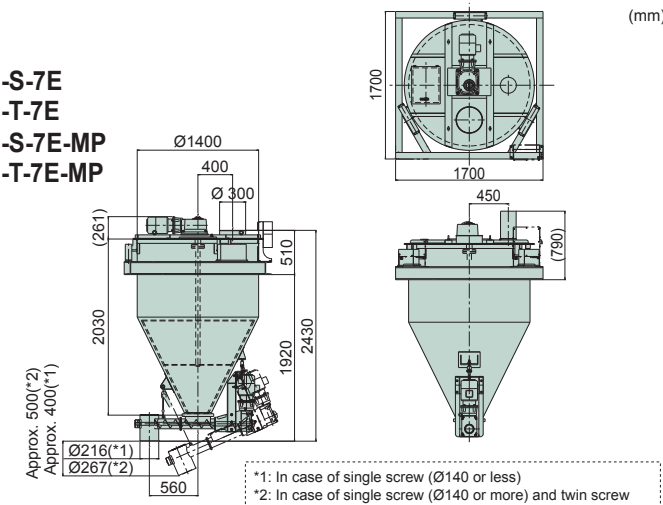
CE-S-6E
CE-T-6E
CE-S-6E-MP
CE-T-6E-MP



Construction



CE-S-7E
CE-T-7E
CE-S-7E-MP
CE-T-7E-MP



*1: In case of single screw (Ø140 or less)
*2: In case of single screw (Ø140 or more) and twin screw

Pump type

Liquid Weighing Feeder LWF



Material example

- Various liquids such as demineralized water, flame retardant, lubricant, oxidation inhibitor and anti-static agent

Temperature

- Room temperature to maximum 120°C thermal retention

Maximum discharge pressure

- 7 MPa (gear pump), 15 MPa (plunger pump)

Principal specifications (Gear pump type standard specifications*)

Model	Flow rate range (L/h)	Hopper capacity (L)	Weighing capacity (kg)	Feeder weight (kg)	Power supply
CE-L-1D	1.0- 80	25	25	Approx. 120	200V AC, 3 phase, power line 1.5 to 4.5 kVA, heater 2 kVA
CE-L-2D	6.0-160	50	50	Approx. 150	
CE-L-3D	6.0-250	100	100	Approx. 210	200V AC, 3 phase, power line 1.5 to 11 kVA, heater 3 kVA

*Gear pump will be selected for the liquid with its viscosity over 100cP.

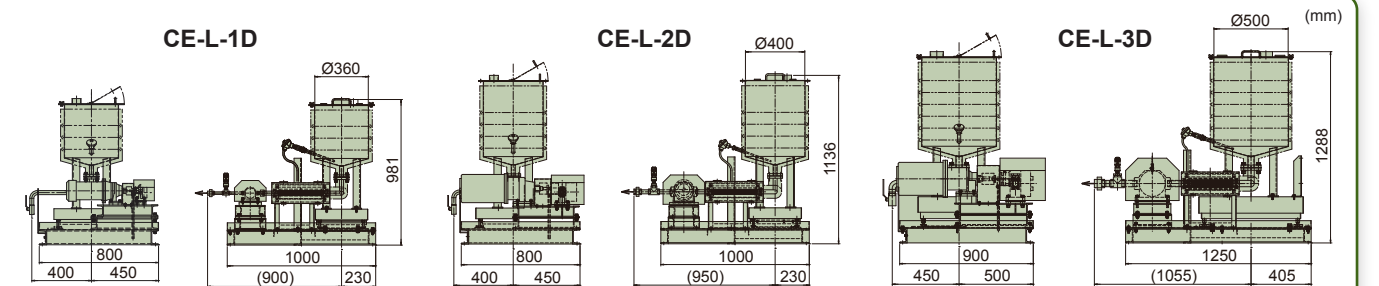
Panel mounted controller type only

*For the liquid with its viscosity under 100cP, another feeding methods like plunger pump would be recommended.

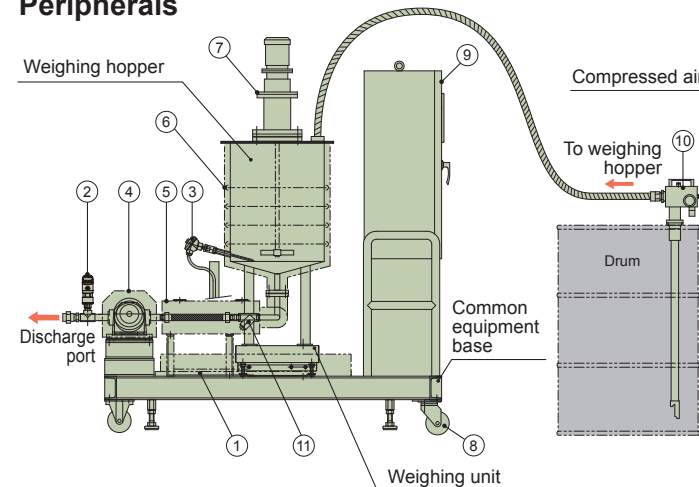
Feature

- Feeding various kinds of liquid with loss-in-weight control. Ratio control with other feeders is available. Some materials are difficult to handle in solid form, but can be fed easily in liquid form.

Dimensions (Gear pump type standard specifications)



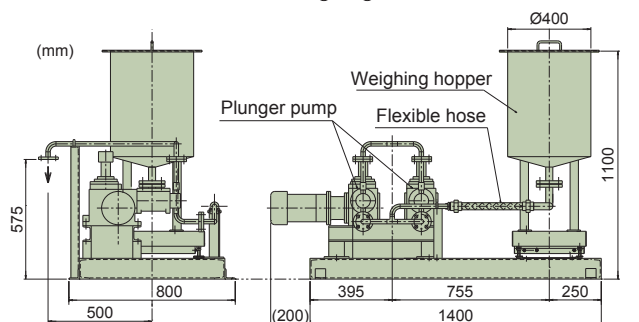
Peripherals



Practical example equipped with plunger pump (Different flow rates and discharge pressures are available)

Applicable material	Demineralized water Specific gravity:1, Viscosity: 1 cP, Liquid temperature: room temperature
Flow rate range	4-25kg/h
Discharge pressure	7MPa
Hopper capacity	50L
Weighing capacity	60kg
Feeder weight	Approx. 250kg
Power supply	200V AC, 3 phase, 2.5 kVA

- Standard devices**
- ① Oil pan
Prevents liquids from spilling on floor.
 - ② Pressure switch
Measures discharge pressure.
 - ③ Liquid temperature thermocouples in weighing hopper
Measures liquid temperatures in weighing hopper.
 - ④ Heater and thermal insulation cover for gear pump
Maintains preset liquid temperature.
 - ⑤ Heater and thermal insulation cover for flexible hose
Maintains preset liquid temperature.
 - ⑥ Heater and thermal insulation cover for weighing hopper
Maintains preset liquid temperature.
- Option**
- ⑦ Agitator
Agitates liquid in weighing hopper for uniform temperature distribution.
 - ⑧ Caster type dolly (with stopper)
Equipped to make unit portable.
 - ⑨ Unitized control panel
Unit main body and control panel are unitized.
 - ⑩ Liquid charge pump
Supplies weighing hopper with liquid from drum.
 - ⑪ Strainer
Prevent the contamination by filter and protect the pump
 - ⑫ Ambient temperature type
Specification of ambient temperature liquid is also available, which exclude the devices of ③ ⑥



Dimensions vary with specifications.