

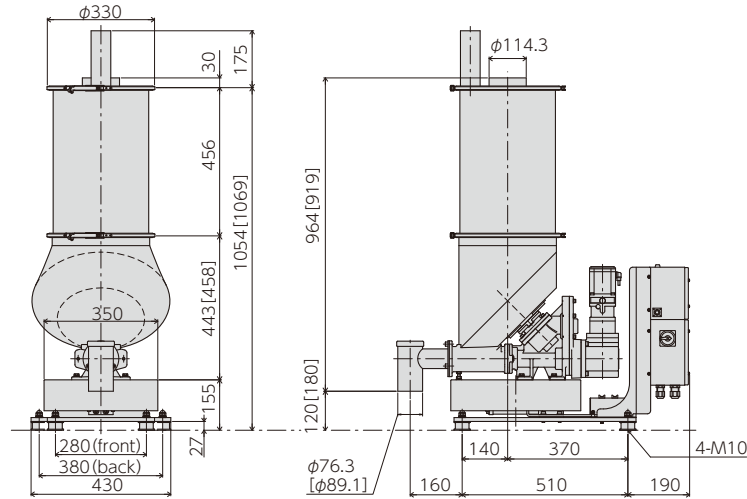
■ Main Specifications

Type of feeder	Single screw feeder		Twin screw feeder	
Model	NX-S50E-MP	NX-S78E-MP	NX-T26E-MP	NX-T45ME-MP
Flow rate range	2~300L/h	30~2000L/h	1~300L/h	10~2000L/h
Hopper capacity	50L	100L	50L	100L
Weighing capacity	40kg	100kg	40kg	100kg
Minimum graduation	0.5g	1g	0.5g	1g
Drive unit	Sensorless servo motor			
Weighing unit	Platform scale (Digital load cell type)			
Materials	Parts in contact with bulk materials; SUS304			
Control module	KF-CM + KF-D-70	KF-CM + KF-D-150	KF-CM + KF-D-70	KF-CM + KF-D-150
Weight	Approx. 90kg	Approx. 151kg	Approx. 92kg	Approx. 157kg
Power supply	AC200-240V ±10%, 1 phase (50Hz/60Hz)			
Power capacity	1.3kVA	3.1kVA	1.3kVA	3.1kVA

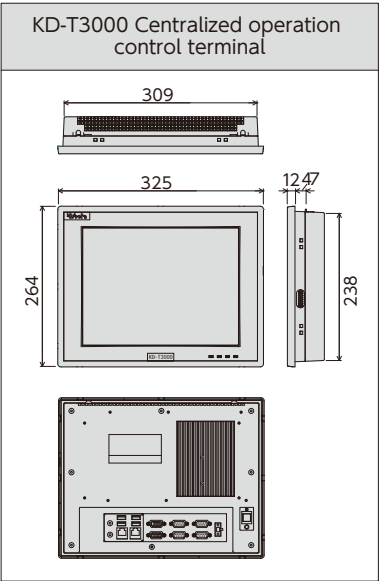
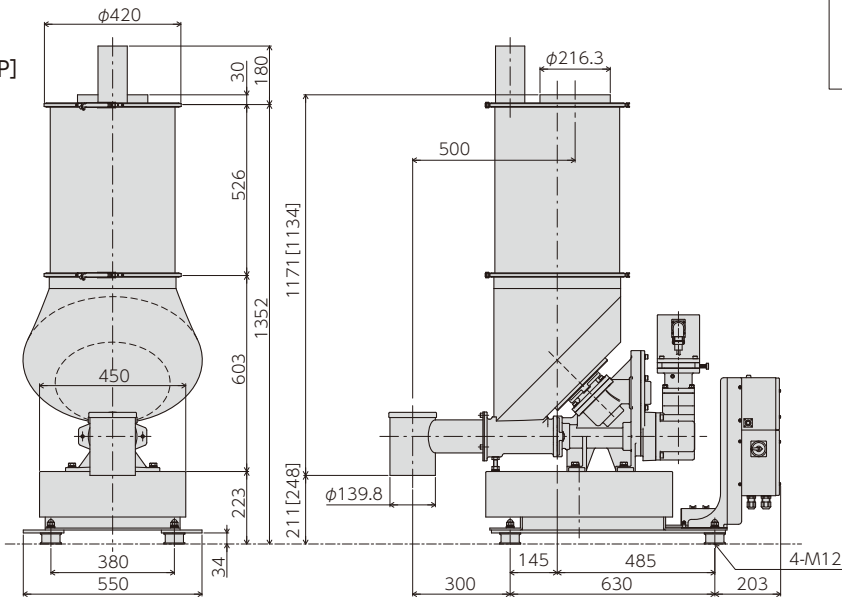
※Hopper capacity 200 L type is also available. Please feel free to contact us.

■ Outline Drawing

NX-S50E-MP
[NX-T26E-MP]



NX-S78E-MP
[NX-T45ME-MP]



●These specifications may be changed without notice.

KUBOTA Corporation

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GRAVIMETRIC FEEDER



Features

1 High Feeding Accuracy

- From digital load cell (weight sensor) to feeder, we all manufacture in Japan.
- Material is filled stably into screw part because agitator pushes materials while passes by the structure of Diagonal Agitator. Then, it achieves High screw fill of material.

2 Wide Material Applications

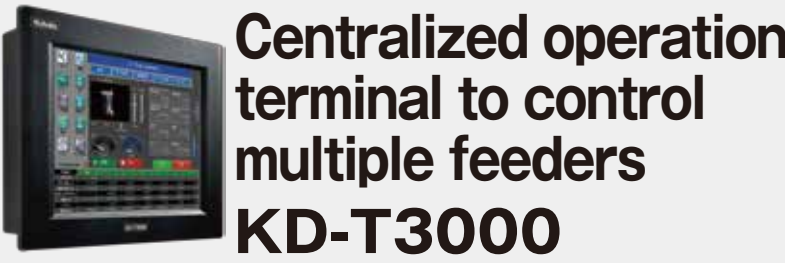
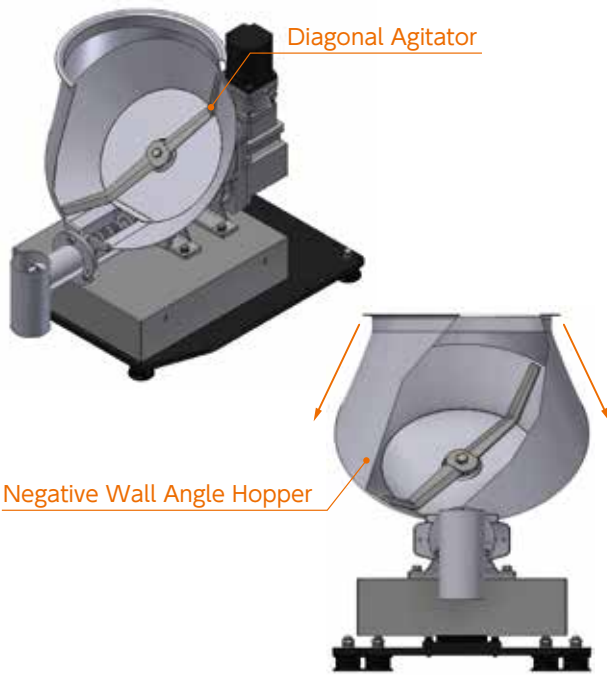
- Available to feed the materials which are used to make bridge or rat hole in tapered hopper without problem, because of Kubota's original patented structure; Negative Wall Angle Hopper and Diagonal agitator.
- Use for wide range of materials such as powder, pellet, fiber, pulverized sheet etc. with only one model.

Application	Bridging	Suitability	
		NX-S	NX-T
Pellet	None	++	++
Glass fiber	None	++	++
Resin powder	Weak	++	++
Fluff/Crushed film/Crushed sheet	Medium	++	++
Filler/CaCO ₃ /Talc	Medium	+	++
Carbon fiber	Medium	+	++
Pigment/Carbon black	Strong	+	++
Titanium dioxide	Strong	+*	++*

++:Suitable, +:Possible *Material input limitation.

3 Easy Maintenance Design

- Disassembly and cleaning are easy because of simple structure and small number of components. Then, material replacement can be finish quickly.
- Gear box uses grease which can be used for a long time without replacement or refill. It reduces the running cost of equipment.
- Prevent the loss of bolts when disassembling a discharge hopper and tube, because of adopting the bolt fall prevention structure.



1.Easy Operation

Enhanced operation by use of touch panel display.

2.Multilingual

Available English, Chinese, Japanese and Korean .
Recommended instalation in overseas factory.

3.Improve Quality Control

Five years of data can be recorded. Data can contribute to resolving problems by identifying conditions of the system over the long term.

Testimonials

Compound manufacture Industrial technology department

We use many materials within same line, so we had plural kind's feeders for each material before. It costed us a lot. And replacing material, that means changing feeders, took long time. Kubota NX is available to feed wide variety of materials so it is useful for manufacturing. And also, easy maintenance design enable work time saving. I got good reputations from operators about it.

Building materials manufacturer Quality management department

A conventional equipment had a problem of adhering material and needed clean frequently. NX can feed stably for long time without adhering material and increases productivity. Our first installetion of NX is in overseas factory but we will install it in domestic factory subsequently.



Plastic resin manufacturer Production department

We had a problem of bridging before. But now, we don't have any bridging trouble with NX and our product quality are improved well. The accuracy of feeding is surely correct. It is also convinient to check the motor torque value with handy tarminal.