

FREE-FLOW TOOLING

FREE-FLOW APPLICATIONS

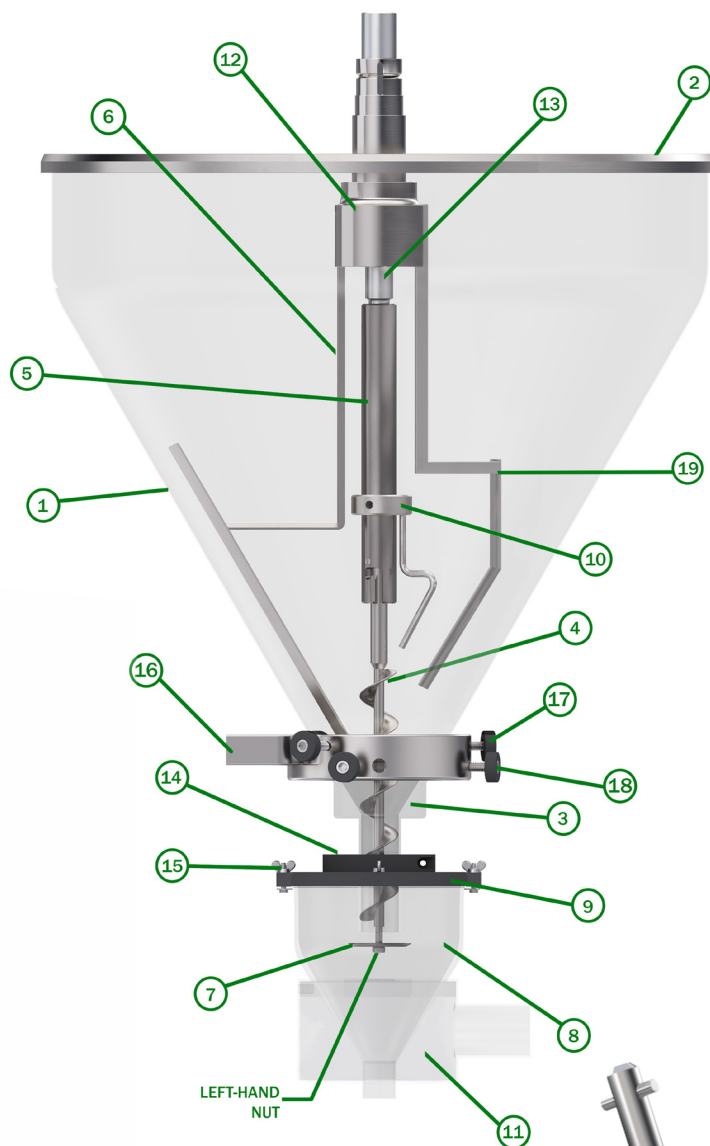
Salt	Herbs & Spices
Sugar	Cat Litter
Glass Beads	Detergent Powders
Bread Crumbs	Glitter

FREE-FLOW BREAKDOWN

Free-flowing materials are substances that flow easily and smoothly. These materials have low cohesion and can be handled and transported without difficulty.

These substances typically require the use of straight augers. They are commonly used with a slow speed or flake blade agitator, a straight funnel, and collector funnel and spinner plate. The purpose of this design is to allow the auger to meter product efficiently onto the spinner plate. The spinner plate stops the product and with proper spacing between the end of the funnel and spinner plate, the product is dispensed accurately into a collector funnel or dust shroud. The collector funnel nozzle is then sized to the opening of the customer's container or bag.

FREE-FLOW PARTS



FREE-FLOW TOOLING KEY

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|-------------------------|-----------------------------|------------------------|
| 1. 22" Hopper | 8. Collector Funnel | 15. Screws & Wing Nuts |
| 2. Hopper Cover | 9. Collector Funnel Cover | 16. Coupling |
| 3. Straight Funnel | 10. A3 High Speed Agitation | 17. Upper Knob |
| 4. Straight Auger | 11. Dust Shroud | 18. Lower Knob |
| 5. Auger Shaft | 12. Spindle | 19. Flake Blade |
| 6. Slow Speed Agitation | 13. Drive Shaft | |
| 7. Spinner Plate | 14. Clamp Ring | |