



Item No: _____

Somat Model : D-5 Food Waste
Grinder



Technical Specs:

Disposer: 5 HP food waste grinder, 10-5/8" diameter rotor turntable with exclusive adjustable 45 degree angle and 6 internal impact breakers constructed of hardened ductile steel alloy. Matching 45 degree sizing ring with 24 grind teeth constructed of hardened **ductile steel alloy. Exclusive 8 1/4" throat** opening to allow for faster feeding. Flexible neoprene collar to eliminate vibration and increase ease of installation. Versatile low body of offset grind chambers with force feed directional deflectors. Bolt on grind chamber allows replacement of all wearing parts without disturbing plumbing and electrical connections. Bolt on discharge flange for easy removal. Adjustable legs to level disposer and **meet drain stub. Bolt on "Continuous Duty"** motor for easy removal. Exclusive shaft extension with 3/4" wrench flats to externally de-jam foreign matter without special tools. Heavy cast alloy construction providing an extra long life disposer

Valve Package: Prepiped valve package assemblies to include all valves required for proper operation.

Som-A-Trol® (Electrical Control Panel): UL approved, Includes all necessary power, control and water level components prewired to a terminal strip. Push button station in a NE-MA 4 stainless steel enclosure

Options Available:

- 8 1/4" sink adapter w/ disposer saver
- Special electrical characteristics

Electrical Characteristics: 208/230/460 volt,

3 Phase, 60 Hertz

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3 Phase, 60 Hertz

Capacity: 400 pounds per hour of food waste only.

Finish: All exterior surfaces are stainless steel.

Equipment only is supplied by Somat Company; installation, piping and wiring not included.

DESCRIPTION:

Standard SOMAT Model D-5 Food Waste Grinder table mounted disposer, 18" stainless steel diameter bowl with disposer saver, 3 or 5 HP slurry pump, valve package, Som-A-Trol® control panel, push button station

Benefits

- Up to 80% volume reduction
- Reduced labor cost
- Better sanitation
- Water conservation

Improved operator morale

Operation: Foodservice waste enters the disposer via the bowl where it mixes with water, is processed and made into a slurry. The slurry, consisting of 5% solids and 95% water, is automatically transported through a pipeline to the Hydra-Extractor®, where water is removed and the resultant semi-dry pulp is discharged into a haul-away container. The extracted water is recovered and returned to the pulping tank for re-use.

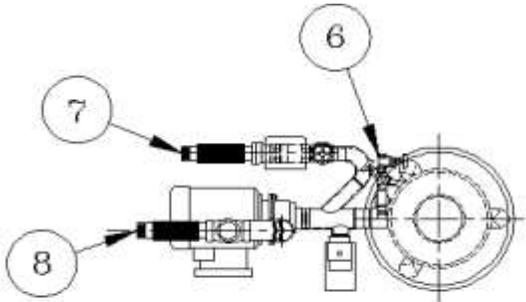
Somat equipment provides an economic and efficient answer to cutting the high and ever increasing costs associated with waste handling. Manufactured by Somat Company of Lancaster, Pennsylvania, originators of waste pulping systems and specialists in waste reduction technology.

Somat Company—Division of ITW Food Equipment Group LLC
165 Independence Ct., Lancaster, PA 17601 USA
Phone: 717-397-5100 / 800-237-6628 Fax: 717-291-0877

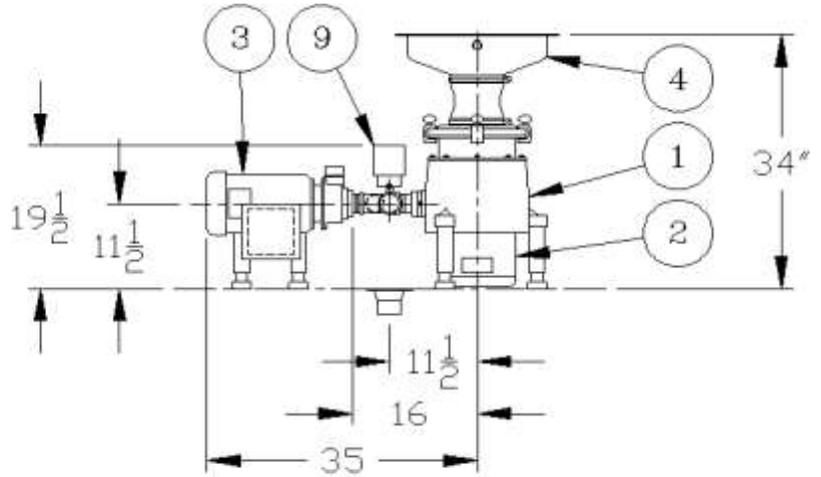


D-5 Food Waste Grinder Remote Pulping System

Elevation / Plan Views



PLAN VIEW D-5 DISPOSER



ELEVATION VIEW D-5 DISPOSER

Utility Connections

2- Disposer Motor (5Hp)	6- Fresh water inlet 1/2" npt
3- Slurry Pump Motor (3HP or 5HP)	7- Return water inlet, 2" npt
4- 18" dia. Bowl w/ disposer saver, return water flushed	8- Slurry pump outlet, 2" npt
5- Som-A-Trol Panel (not shown)	9- Drain valve, 2" npt (not shown)

Dimensions

Height: 34" (865mm)	Equipment weight: 375lbs
Length: 46" (1150mm)	Crated weight: 525lbs
Width: 22" (560mm)	Crated volume: 85 cu. Ft.

Utility Connections

Fresh Water: 4gpm @ 30psig, 1/2" npt (approximate usage 240gph)
 Drain: 3" minimum floor sink with stainless steel removable basket recommended.
 Power: 208V—35Amps; 230V—30Amps; 460V—15Amps, 3phase, 60 Hz (w/5HP pump)