



Mini Pulping System

Item No _____

Technical Specifications

SOMAT Model: MP4-C

Disposer: 5 HP drive motor, 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. Versatile low body of offset grind chambers with force feed directional deflectors. Exclusive shaft extension with 3/4" wrench flats to externally de-jam foreign matter without use of special tools.

Mini Press: 1/2 HP drive motor. Easily cleaned 4" stainless steel vertical auger with brush tipped flighting. Fresh water seal flush for longer seal life. 1/6 HP return pump motor.

Som-A-Trol® (Electrical Control Panel): UL approved. Includes all necessary electrical components prewired to a terminal strip; water level control and push button station, in a NEMA 4 enclosure.

Options Available:

- Special electrical characteristics

Electrical Characteristics: 208/230/460 volt, 3 Phase, 60 Hertz

Capacity: 400 pounds per hour of foodservice waste consisting of food scraps only

Finish: All exterior surfaces, except where stainless steel or plastic, are prime coated and finished with two coats of enamel paint.

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



Description

Standard SOMAT® Model MP4-C, hinged lid with limit switch, all stainless enclosure, 18" water flushed feed bowl, 5 HP disposer drive, Mini Press, Som-A-Trol® control panel with push button station.

Benefits

- As much as 8 to 1 (87.5%) volume reduction
- Less waste down drain
- Reduced labor cost
- Better sanitation
- Improved operator morale
- Ready to run unit

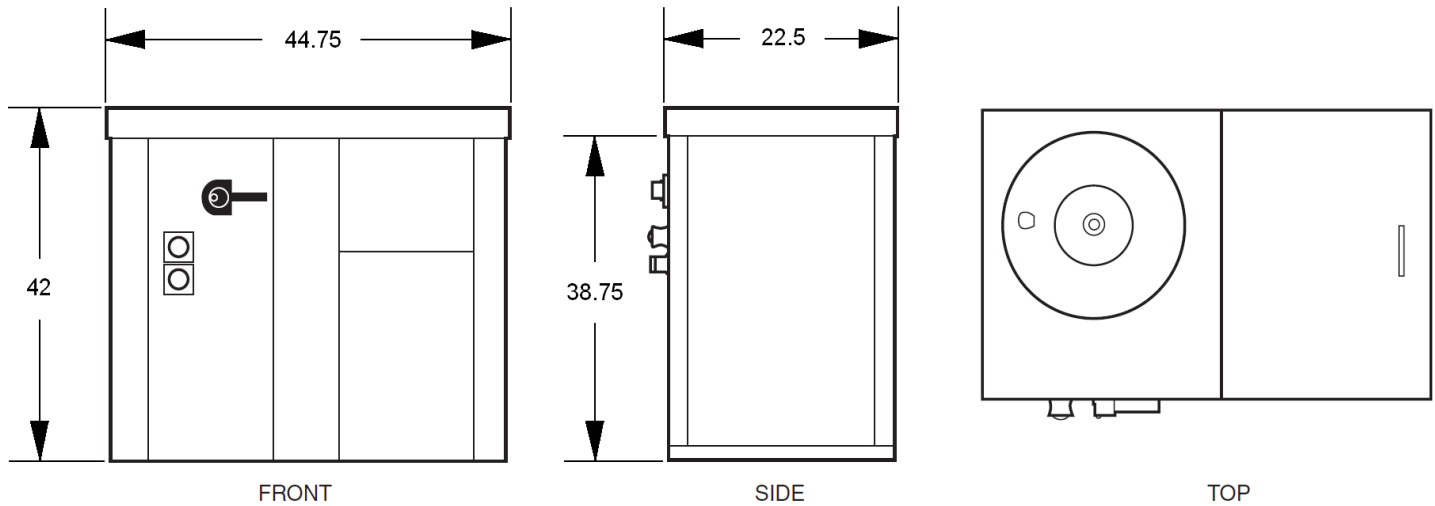
Operation: Foodservice waste enters the pulping tank via the feed bowl where it mixes with water, is processed and made into a slurry. The slurry, consisting of 5% solids and 95% water, is automatically transported through a pipeline to the Hydra-Extractor® (mini press), where water is removed and the resultant semi-dry pulp is discharged into a trashcan. The extracted water is recovered and returned to the cutting chamber 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.

Approval:

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Somat® Model MP4-C

Utility Connections

Power (Electric) Connection	208V-25A; 460V-15A 3Ø 60Hz (4 Wire Service)
Power Consumption	7.2kW
Fresh Water Connection	½" cold water @ 30 psi; 2 gpm
Drain Connection	2" drain to 3" min. floor sink
Overflow Connection	¾" overflow to 3" min. floor sink

Dimensions

Total Height: 42" (1067mm)	Equipment weight: ??? lbs. (??? kg)
Working Height: 38 ¾" (984mm)	
Depth: 28 ½" (724mm)	Crated weight: ??? lbs. (??? kg)
Width: 44 ¾" (1137mm)	

Other Specifications

Treatable Items	Food waste only
Safety Feature	Lid limit switch
Material	Shrouded in 304 stainless steel
Capacity	400 pounds per hour
Warranty	1 year manufacture's standard warranty

*Specifications are subject to change without notice.