



## DESCRIPTION:

Standard SOMAT® Model SP-60S pulper constructed of stainless steel with a hinged stainless steel lid, water flushed tray, horizontal drive, and internal valve package. The Som-A-Trol® control panel is pre-wired and contains the water level control. A push button station is also included.

Benefits:

As much as 8 to 1 (87.5%) volume reduction

Reduced labor costs

Better sanitation

Water conservation

Improved operator morale

Reduced silverware loss

Processes tough plastics, plus a wide variety of waste

Operation: Foodservice waste enters the pulping tank via the tray where it is mixed with water, forming a slurry of 5% solids and 95% water. The slurry is pumped to a remote Hydra-Extractor®, where the water is removed, resulting in a greatly reduced volume. The resulting semi-dry pulp is discharged into a haul-away container. The extracted water is recovered and returned to the pulper for re-use.

Somat® equipment provides an economic and efficient answer to cutting the high and ever increasing costs associated with waste handling.

ITEM No. \_\_\_\_\_

Somat Model: SP-60S

## Technical Specs:

Pulper: 25 1/2" diameter, 35.5" high, polished stainless steel tank with water flushed tray, hinged lid and associated proximity switch. Horizontally mounted pulping and pumping system, integrated with one 6 HP TEFC motor. This unit is supported by four neoprene vibration mounts that isolate it from the stainless steel frame. A urethane vibration-absorbing gasket is located between the pulping tank and pulper shell. Rubber hoses further isolate vibrations from the end plate where external connections are made. Stainless steel shrouds totally enclose the drive system and water manifolds. Adjustable legs provide 6" floor-to-frame clearance. All customer connections are external. 5 HP slurry booster pump (not shown).

Components include: 304 stainless steel pulper tank, investment cast 17-4 stainless steel security ring and rotating blade, three replaceable stationary blades on the security ring, stainless steel impeller with replaceable stainless steel pumping vanes. The one-piece rotating blade is hardened to 46 Rockwell C and can be easily re-sharpened.

Valve Package: Pre-piped bronze valves mounted on manifolds completely enclosed in stainless steel shrouds.

Som-A-Trol® (Electrical Control Panel): Wall mounted, UL approved, NEMA 4 stainless steel enclosure. Included are all necessary power, control and water level components, pre-wired to a terminal strip. A push button station is included with the panel or mounted on the unit.

Options Available:

- Trough Connection
- Slurry Siphon Break
- Prison Package
- Second Year Warranty

**Electrical Characteristics:** 208/230/460 volt, 3 phase, 60 Hz.

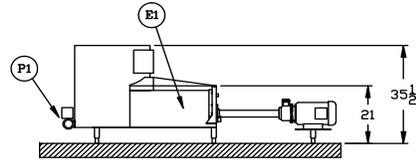
**Capacity:** 1000 pounds per hour of foodservice waste mix, consisting of: food scraps, plastic flatware, paper, milk cartons, Styrofoam, aluminum foil, cardboard, polyethylene bags and all types of plastic containers and packaging.

**Finish:** All exterior surfaces are polished stainless steel.



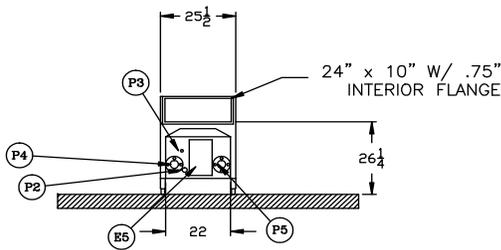
# SP-60S Remote Pulping System

## ST Specs / Tray Options



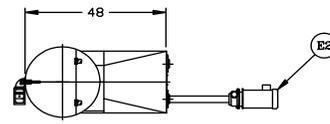
SP-60S-HT W/TRAY ADAPTER

ELEVATION VIEW



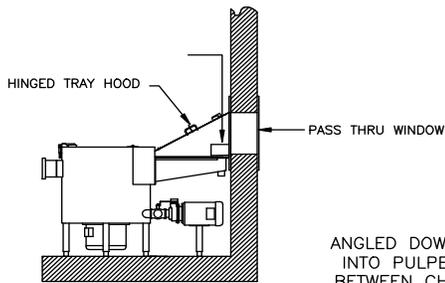
SP-60S-HT W/TRAY ADAPTER

FRONT VIEW

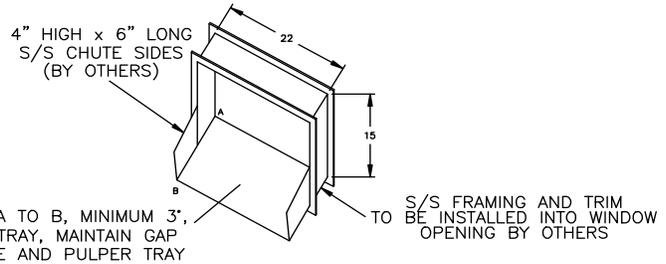


SP-60S-HT W/TRAY ADAPTER

PLAN VIEW



OPTIONAL TRAY HOOD  
AND PASS THRU WINDOW



TYPICAL PASS THRU WINDOW DETAIL

### Utility Connections

<b>E1- Pulper Drive Motor</b>	<b>P1- Drain Valve Outlet (MOV)</b>
<b>E2- Slurry Pump Motor</b>	<b>P2- Return Water Outlet</b>
<b>E3- N/A</b>	<b>P3- Fresh Water Inlet</b>
<b>E4- N/A</b>	<b>P4- Slurry Outlet</b>
<b>E5- Junction Enclosure</b>	<b>P5- Return Water Inlet</b>

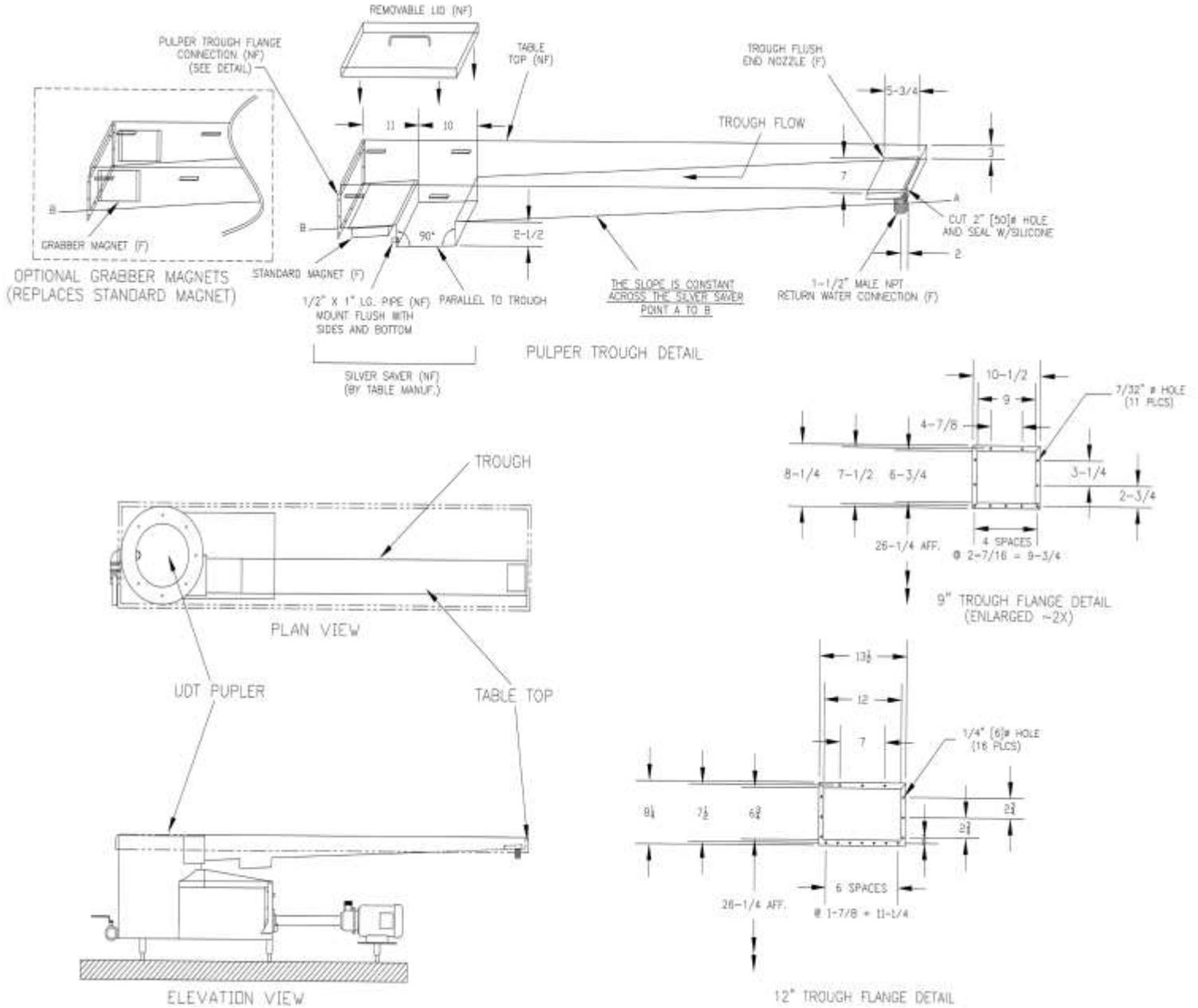
### Dimensions

<b>Height: 35.5" (902mm)</b>	<b>Equipment weight: 410# (186kg)</b>
<b>Length: 53.5" (1359mm)</b>	<b>Operating weight: 530# (241kg)</b>
<b>Width: 25.5" (648mm)</b>	<b>Crated weight: 756# (343kg)</b>
	<b>Crated volume: 80 Cu. Ft. (2.8 Cu Meters)</b>



SP-60S Remote Pulping System

UDT Specs / Trough Options



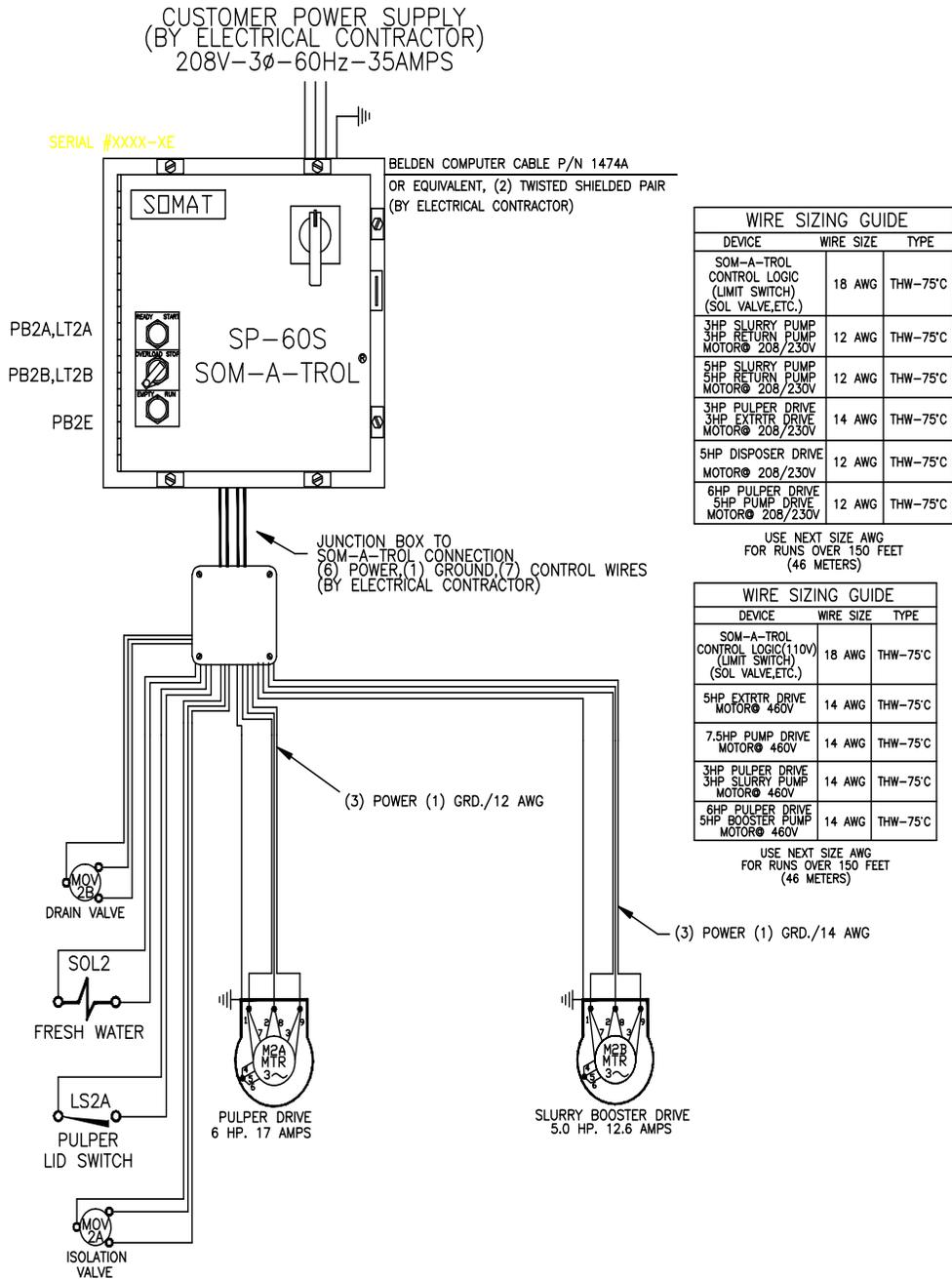
Dimensions

<b>Height:</b> 33.75" (858mm)	<b>Equipment weight:</b> 410# (186 kg)
<b>Length:</b> 49" (1359mm)	<b>Operating weight:</b> 530# (241 kg)
<b>Width:</b> 25.5" (648mm)	<b>Crated weight:</b> 756# (343 kg)
	<b>Crated volume:</b> 80 Cu. Ft. (2.8 Cu Meters)



# SP-60S Remote Pulping System

## Utility Specs



### Other Utility Requirements:

Fresh Water—12GPM @ 30 psig, 1/2" NTP (Approximate usage, 60-120gph)

Drain—3" minimum floor sink with stainless steel removable basket recommended