The Somat SP-75 Pulper is one part of a Remote Pulping System, pictured as a Hi-Tank pulper with optional water flushed tray. Below the tray feed is the slurry pump. The main benefits of a Somat Remote Pulping System are Reduction and Transportation. A remote system connects food prep and scrapping areas together through a series of piping and transports food service waste to a remote extractor. The extractor removes the solids (pulp) and recirculates the water back to the grinding tanks. The pulping process provides an 8 to 1 volume reduction (up to 85%). The pulp is fed into a Somat Dehydrator for additional reduction or directly into a dumpster. A remote pulping system eliminates the need for trash cans, liners and laborers to “take out the trash”.

**CAPACITY**

1250 pounds per hour of foodservice waste mix, consisting of food scraps, plastics, milk cartons, paper, aluminum foil and cardboard.

**TECHNICAL SPECIFICATIONS**

**Pulper:**
- 30" diameter, 39.5" high polished stainless steel tank with water flushed feed tray
- Hinged lid with limit switch
- ¾" thick stainless steel slurry chamber
- 7½ HP TEFC direct drive motor
- internal junk box and cutting mechanism
- HyPoint cutting mechanism, stainless steel, consists of 1 piece security ring with 4 stationary, replaceable top cutters and impeller with 2 replaceable rotating cutters.

**Valve Package:**
- All valves required for proper operation (fresh water, tray flush and drain lines).

**Som-A-Trol Electrical Control Panel:**
- UL approved stainless steel NEMA 4 panel with all components pre-wired to internal terminal strip. Push Button control station on panel door (remote control station optional). Panel to be wall mounted with field connection to pulper mounted junction box.

**OPTIONS**
- Feed trough connection
- Feed tray cover
- Prison package
- Under dish table unit

**Special Requirements:**
- Dual water level control and motor operated valve with controls. Required if more than one pulper operating with a single Hydra-Extractor.
- Stainless Steel Dam. Required when pulper is located higher (one level minimum) than the Hydra-Extractor.

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

**FINISH**

All exterior surfaces are polished stainless steel.

_The Power to Transform WASTEFUL to SUSTAINABLE_
**SP-75 REMOTE PULPER**

**REMOTE UTILITY CONNECTION INFO**

- **E1** Pulper Drive Motor
- **P1** Feed Tray Outlet
- **E2** Slurry Pump Motor
- **P2** Drain Valve Outlet
- **E3** Return line MOV
- **P3** Return Water Outlet
- **E4** Fresh Water Solenoid
- **P4** Fresh Water Inlet
- **E5** Lid Limit Switch
- **P5** Slurry Outlet
- **E6** Junction Enclosure
- **P6** Stand Pipe

**DIMENSIONS – HIGH TANK**

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Specification</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Tank Height</strong></td>
<td>43” (1092mm)</td>
<td>525 lbs. (238kg)</td>
</tr>
<tr>
<td><strong>Length</strong></td>
<td>56” (1423mm)</td>
<td>745 lbs. (338kg)</td>
</tr>
<tr>
<td><strong>Width</strong></td>
<td>30” (762mm)</td>
<td>850 lbs. (386kg)</td>
</tr>
<tr>
<td><strong>Crated Volume</strong></td>
<td>85 cu. ft.</td>
<td></td>
</tr>
</tbody>
</table>
DIMENSIONS – UDT TANK

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Specification</th>
<th>Weight</th>
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</thead>
<tbody>
<tr>
<td>Tank Height</td>
<td>32&quot; (813mm)</td>
<td>525 lbs. (238kg)</td>
</tr>
<tr>
<td>Length</td>
<td>56&quot; (1423mm)</td>
<td>745 lbs. (338kg)</td>
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<tr>
<td></td>
<td>(Excluding</td>
<td></td>
</tr>
<tr>
<td></td>
<td>tray/trough)</td>
<td>745 lbs. (338kg)</td>
</tr>
<tr>
<td></td>
<td>(Excluding</td>
<td>850 lbs. (386kg)</td>
</tr>
<tr>
<td></td>
<td>external piping)</td>
<td></td>
</tr>
</tbody>
</table>

Crated Weight: 850 lbs. (386kg)
Crated Volume: 85 cu. ft.
SP-75
REMOTE PULPER

CUSTOMER POWER SUPPLY
(BY ELECTRICAL CONTRACTOR)
208V-3Ø-60Hz-40AMPS

460V-3Ø-60Hz-20AMPS

LOCATION
SERIAL

EMERGENCY STOP
CHUTE OVERFLOW
START BUTTON/LIGHT
STOP BUTTON/LIGHT
TIMED STOP BUTTON

SOM-A-TROL
SP-75

(16) CONDUCTORS FOR REMOTE
PUSH BUTTON AND MACHINE
CONTROLS, 18AWG OR BETTER
(BY ELECTRICAL CONTRACTOR)

CONDUCTORS FOR MACHINE
MOTORS, INCLUDES GROUND
(7) WIRES INCL. GRD., 14AWG
(BY ELECTRICAL CONTRACTOR)

CONDUIT OR CABLING REQUIRED TO
HOUSE/PROTECT CONTROL/MOTOR WIRING
ACCORDING TO JOBSITE REQUIREMENTS
(BY ELECTRICAL CONTRACTOR)

OPTIONAL REMOTED PUSH BUTTON STATION

START BUTTON/LIGHT
STOP BUTTON/LIGHT
TIMED STOP BUTTON

JUNCTION BOX
LOCATED ON
PULPER

BELDEN COMPUTER CABLE P/N 1474A
OR EQUIVALENT, (2) WSTED SHIELDED
PAIR (BY ELECTRICAL CONTRACTOR)

CONDUIT OR CABLING REQUIRED TO
HOUSE/PROTECT PUSH BUTTON WIRING
ACCORDING TO JOBSITE REQUIREMENTS
(BY ELECTRICAL CONTRACTOR)

OTHER UTILITY REQUIREMENTS

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fresh Water</td>
<td>6 gpm @ 30 psig, 3/4&quot; NPT (approximate usage 60 gph)</td>
</tr>
<tr>
<td>Drain</td>
<td>3&quot; minimum floor sink, 4&quot; recommended (with stainless steel removable basket recommended)</td>
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</tbody>
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