



HE6-GT

SECONDARY HYDRA-EXTRACTOR



The **Somat Model HE6-GT Secondary Hydra Extractor** is designed to operate in series with the Somat HE-6 or HE-9 Hydra-Extractor. Standard features include a 2 HP drive motor, automatic rinse system, and discharge chute with limit switch. During normal operation, a pulping system will discharge wastewater containing suspended solids which will impact the wastewater collection system, particularly in-ground grease traps. These solids will settle to the bottom of grease traps, decreasing effectiveness and increasing maintenance costs. The HE6-GT receives the wastewater flow from the primary extractor and removes most of the remaining solids. Reducing the number of solids in the waste water extends the volume of the trap. Reducing the solids allows the service cycle of the trap to be limited by grease collection and not solids accumulation.

CAPACITY

400 gallons per hour of pulping waste water.

TECHNICAL SPECIFICATIONS

Hydra-Extractor:

- 2 HP TEFC drive motor
- 50:1 gear reducer
- Rigid stainless-steel weldment and head assembly
- Aluminum stand
- 6" stainless steel auger with nylon brush edge
- Reinforced stainless steel screens with .023" holes
- Automatic shutdown timer
- Automatic rinse system
- 17" Discharge chute with safety switch

Valve Package:

All valves required for proper operation (automatic rinse system).

Som-A-Trol® (Electrical Control Panel):

UL approved, includes all necessary electrical components prewired to a terminal strip in a NEMA 4 stainless steel enclosure. Control of the HE6-GT is incorporated within the control scheme of other components in the Somat Pulping System.

OPTIONS

- Extended discharge chute
- Hinged chute
- Extended stand
- Pulp level detector

VOLTAGE OPTIONS

- 208/60/3
- 230/60/3
- 460/60/3
- International options available, consult factory

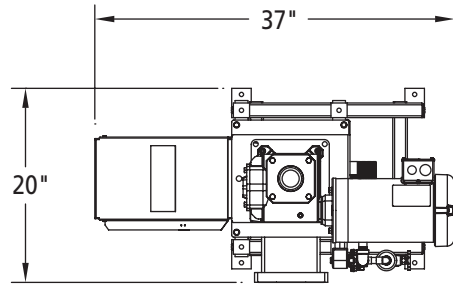
FINISH

All exterior surfaces are stainless steel

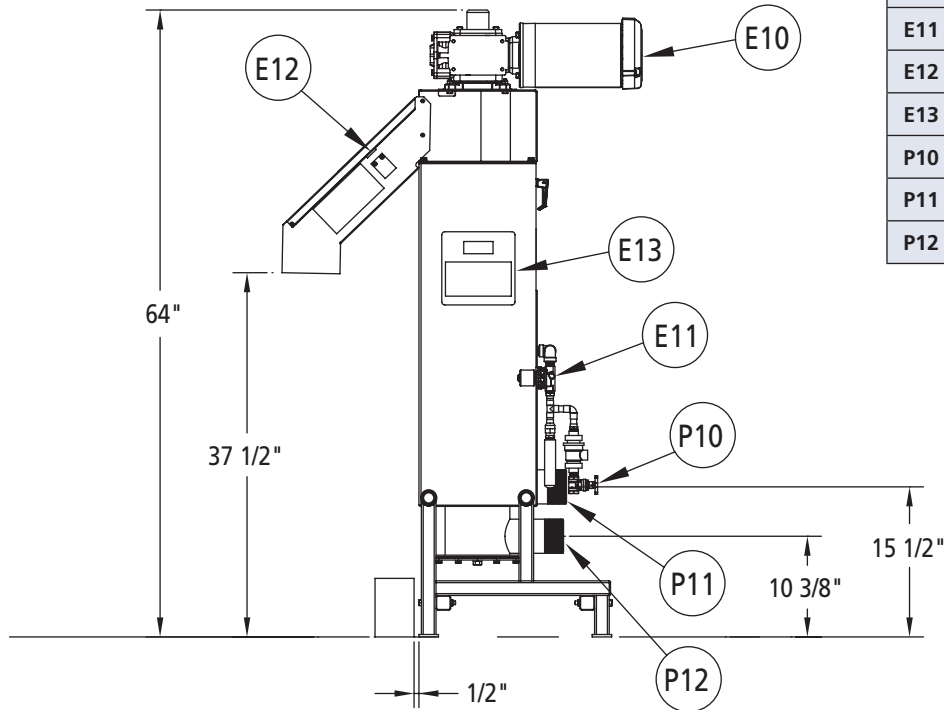
The Power to Transform WASTEFUL to SUSTAINABLE

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PLAN VIEW OF HE6-GT EXTRACTOR



| UTILITY CONNECTIONS | |
|---------------------|-------------------------------|
| E10 | Press Drive Motor |
| E11 | Fresh Hot Water Solenoid |
| E12 | Chute Limit Switch |
| E13 | Junction Box |
| P10 | Press Rinse (Hot Fresh Water) |
| P11 | Wastewater Outlet |
| P12 | Wastewater Inlet |

ELEVATION VIEW OF HE6-GT EXTRACTOR

| DIMENSIONS | | | |
|------------|-------------------------------|------------------|------------------|
| Height | 64" (1626mm) | Equipment Weight | 400 lbs. (181kg) |
| Length | 37" (940mm) (including chute) | Operating Weight | 450 lbs. (204kg) |
| Width | 20" (508mm) | Crated Weight | 500 lbs. (227kg) |
| | | Crated Volume | 46 cu. ft. |

| OTHER UTILITY REQUIREMENTS | |
|----------------------------|---|
| Fresh Hot Water | 4 gpm @ 45 psig, 1/2" NPT for clean out cycle only (approximately 40 gallons per cycle) |
| Drain | 4" minimum floor sink, with stainless steel removable basket recommended |

In line with its policy to continually improve its products, Somat reserves the right to change materials and specifications without notice.