

THE GREEN MACHINE

F O O D W A S T E P R O C E S S O R



TECHNICAL SPECIFICATION

- ◆ STAINLESS STEEL (AISI 304) VERTICAL FRAMEWORK
- ◆ DIMENSIONS: (WxDxH mm): 650x700x1940 WEIGHT: 250 KG.
- ◆ MACERATOR: KW 2,2 (3 HP) - 1430 R.P.M.
- ◆ IMPELLER PUMP: KW 0,75 (1 HP) - 2800 R.P.M.
- ◆ PUMP GEARBOX RATIO: 7:1
- ◆ DEWATERER : KW 1,1 (1,5 HP) - 930 R.P.M.
- ◆ TOTAL POWER SUPPLY: 4,05 KW
- ◆ ELECTRICAL SUPPLY: 400 V 50 HZ
- ◆ PLC CONTROL PANEL WITH EMERGENCY BUTTON
- ◆ VACUUM THERMOFORMED FEED HOPPER (ABS BLACK EMBOSSED) EQUIPPED WITH 2 MAGNETS TO BLOCK ANY ACCIDENTAL DROP OF FERROUS METALLIC ELEMENTS
- ◆ GRINDING SYSTEM IN STAINLESS STEEL (AISI 420) FOR LONG-LASTING LIFETIME
- ◆ ACTIVE SAFETY OF THE UNIT WITH INSTANTANEOUS STOP OF THE MACERATOR WHEN THE HOPPER LID IS LIFTED
- ◆ HAND HOSE SPRAY FOR KEEPING THE UNIT CLEANED
- ◆ IP55 COMPLIANCE
- ◆ UNIT CAPACITY: 650 KG PER HOUR. 1500 UP TO 2000 COVERS PER SITTING. ALL CAPACITIES ARE APPROXIMATE AND MAY VARY DEPENDING ON THE MIX OF WASTE TYPE

ENVIRONMENTAL FRIENDLY UNIT

Through centrifugal action, the TGMi waste station forces out the excess liquid from the ground waste. This "grey water" is fed directly to the drain while the dewatered solid waste is collected in small, easily managed bin, ready for onward processing.

FEATURES AND BENEFITS

The TGMi CHI-V300 unit is designed to reduce the volume from organic waste and food waste up to 80/90%.

Thanks to the ultra fine mesh of its screen filter it allows the collection of greater waste levels and improving at the same time the quality of the "grey water" (less suspended solids). The unit has a self cleaning operation controlled by the PLC (LOGO Siemens) which undertakes a thorough cleaning process that no food and grease stays in the unit, reducing the labour time required to operate it. The cleaning operation can be also activated by the staff at the end of each shift working or when required. The unit is equipped with a safety sensor which prevents the running of the unit if the waste outlet chute is removed.

The TGMi vertical waste station is designed to process food leftovers of any kind and biodegradable and recyclable items in large quantities. Model CHI-V300 can handle difficult waste including fish skins, cauliflower stalks and small meat bones. Large bones cannot be processed by the unit. The unit is designed to operate in continuous feed working cycle where the high capacity of the waste bin is easier to handle.

CONNECTIONS

- cold and hot water inlet line: 3/4"
- minimum pressure 2,5 bar
- overflow drain line required
- drainage line required: Ø 50 mm.
- electrical socket outlet: 3P+Earth - 16 AMP

APPLICATION

The TGMi CHI-V300 is designed for use in large Restaurants, Hotels, Hospitals and Supermarkets with difficult types of waste.



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