

04/2014

# **Mod: GMM/500I**

**Production code: P402 30470 (PTF IG500/N)**



**Diamond**  
catering equipment

*Cylindrical cooking pot with cylindrical container designed to be positioned in passageways or in tight spaces where sharp edges or corners may create problems, making it possible to work comfortably from different angles.*

## TECHNICAL FEATURES

### Cooking tank

- Cooking tank with bottom in AISI 316 polished stainless steel thickness from 2mm to 4mm and walls in AISI 304 stainless steel

### Jacket (indirect heated version)

- Jacket with bottom and walls in AISI 304 stainless steel

### Lid

- Normal version: balanced lid in AISI 304 stainless steel with heat resistant handle
- Autoclave version: balanced lid in AISI 304 stainless steel with heat resistant handle, alimentary silicon gasket, hermetic sealing clamps and safety valve at 0,05 Bar

### Support frame and panels

- Stainless steel frame
- Thermal insulation assured by high density rock fibre
- Panels in AISI 304 stainless steel, fine satin finish

### Heating system

#### Direct Gas versions

- Heating by means of AISI 304 stainless steel high efficiency tube burners
- Ignition by means of manual piezo-electric lighter and pilot flame
- Valve-controlled safety tap with thermocouple
- Venting grid
- Set of jets for different types of gas

#### Indirect Gas versions - with Jacket

- Heating by means of AISI 304 stainless steel high efficiency tube burners
- Ignition by means of manual piezo-electric lighter and pilot flame
- Valve-controlled safety tap with thermocouple
- Safety thermostat with burners block to overheating or lack of water
- Venting filter
- Set of jets for different types of gas
- Jacket water level control taps max/min with option of automatic filling
- Jacket pressure control by means of weight-loaded safety relief valve calibrated at 0,5 bar, vacuum valve and pressure gauge

#### Indirect Electric versions - with Jacket

- Heating by means of INCOLOY heating elements with adjustable power regulator
- Safety thermostat to prevent overheating and keeps the equipment from operating without water
- Jacket water level control taps max/min with option of automatic filling
- Jacket pressure control by working pressure switch and weight-loaded safety relief valve calibrated at 0,5 bar, vacuum valve and pressure gauge
- Standard power supply 3N - 400V - 50Hz

#### Indirect Steam versions - with Jacket

- Heating by means of steam (from user's plant line) with a throttle valve allowing a gradual steam inlet
- Jacket pressure control by means of weight-loaded safety relief valve calibrated at 0,5 bar, vacuum valve and pressure gauge

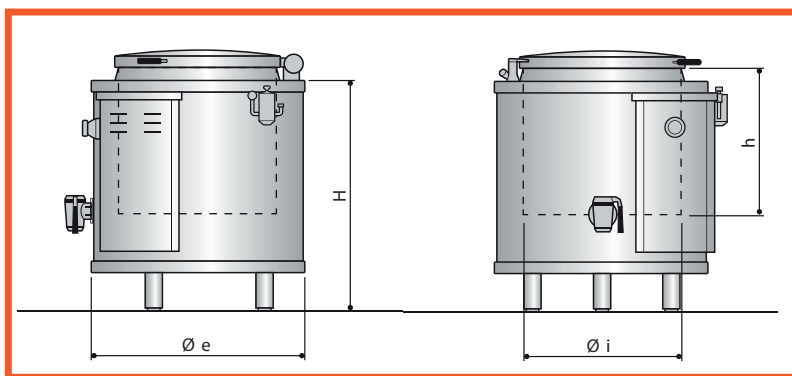


| PTF                                                        | V/N | IE/N | GD/N | IG/N | V/A | IE/A | GD/A | IG/A |
|------------------------------------------------------------|-----|------|------|------|-----|------|------|------|
| Jacket safety valve                                        | •   | •    | -    | •    | •   | •    | -    | •    |
| Water tap                                                  | •   | •    | •    | •    | •   | •    | •    | •    |
| Tank drain tap                                             | •   | •    | •    | •    | •   | •    | •    | •    |
| Tank drain grid                                            | •   | •    | •    | •    | •   | •    | •    | •    |
| Venting grid                                               | -   | -    | •    | •    | -   | -    | •    | •    |
| Valve-controlled safety tap with thermocouple              | -   | -    | •    | •    | -   | -    | •    | •    |
| Tank safety valve                                          | -   | -    | -    | -    | •   | •    | •    | •    |
| Lid with closing clamp and gasket                          | -   | -    | -    | -    | •   | •    | •    | •    |
| Safety thermostat                                          | -   | •    | -    | •    | -   | •    | -    | •    |
| Pressure switch                                            | -   | •    | -    | *    | -   | •    | -    | *    |
| Automatic jacket water load + water solenoid valve + probe | -   | *    | -    | *    | -   | *    | -    | *    |
| Automatic temperature control                              | *   | *    | *    | *    | *   | *    | *    | *    |
| Timer with buzzer                                          | *   | *    | *    | *    | *   | *    | *    | *    |
| Colander pasta basket                                      | *   | *    | *    | *    | *   | *    | *    | *    |
| Mixer fixed at lid                                         | *   | *    | *    | *    | *   | *    | *    | *    |
| Separated mixer on tank                                    | *   | *    | -    | -    | *   | *    | -    | -    |
| Separate mixer on trolley                                  | *   | *    | *    | *    | *   | *    | *    | *    |

• standard

\* optional

- no



| MODEL                     | Capacity<br>liter | Pan Dimensions<br>Ø e x H mm | Tank Dimensions<br>Ø i x h mm | Power (kW) |          | Consumption      |                    |                    |               |
|---------------------------|-------------------|------------------------------|-------------------------------|------------|----------|------------------|--------------------|--------------------|---------------|
|                           |                   |                              |                               | Gas        | Electric | L. P. G.<br>kg/h | Nat. Gas H<br>m³/h | Nat. Gas L<br>m³/h | Steam<br>kg/h |
| PTF V100/N - PTF V100/A   | 100               | Ø850x900                     | Ø600x420                      | -          | -        | -                | -                  | -                  | 60            |
| PTF V150/N - PTF V150/A   | 150               | Ø850x900                     | Ø600x540                      | -          | -        | -                | -                  | -                  | 65            |
| PTF V200/N - PTF V200/A   | 200               | Ø1000x900                    | Ø760x500                      | -          | -        | -                | -                  | -                  | 85            |
| PTF V300/N - PTF V300/A   | 300               | Ø1200x900                    | Ø960x500                      | -          | -        | -                | -                  | -                  | 100           |
| PTF V500/N - PTF V500/A   | 500               | Ø1300x100                    | Ø1060x600                     | -          | -        | -                | -                  | -                  | 115           |
| PTF IE100/N - PTF IE100/A | 100               | Ø850x900                     | Ø600x420                      | -          | 12       | -                | -                  | -                  | -             |
| PTF IE150/N - PTF IE150/A | 150               | Ø850x900                     | Ø600x540                      | -          | 16       | -                | -                  | -                  | -             |
| PTF IE200/N - PTF IE200/A | 200               | Ø1000x900                    | Ø760x500                      | -          | 24       | -                | -                  | -                  | -             |
| PTF IE300/N - PTF IE300/A | 300               | Ø1200x900                    | Ø960x500                      | -          | 36       | -                | -                  | -                  | -             |
| PTF IE500/N - PTF IE500/A | 500               | Ø1300x100                    | Ø1060x600                     | -          | 48       | -                | -                  | -                  | -             |
| PTF GD100/N - PTF GD100/A | 100               | Ø850x900                     | Ø600x420                      | 24         | -        | 1,86             | 2,48               | 2,46               | -             |
| PTF GD150/N - PTF GD150/A | 150               | Ø850x900                     | Ø600x540                      | 24         | -        | 1,86             | 2,48               | 2,46               | -             |
| PTF GD200/N - PTF GD200/A | 200               | Ø1000x900                    | Ø760x500                      | 39         | -        | 2,42             | 3,25               | 3,78               | -             |
| PTF GD300/N - PTF GD300/A | 300               | Ø1200x900                    | Ø960x500                      | 39         | -        | 2,42             | 3,25               | 3,78               | -             |
| PTF GD500/N - PTF GD500/A | 500               | Ø1300x100                    | Ø1060x600                     | 55         | -        | 4,62             | 6,21               | 7,21               | -             |
| PTF IG100/N - PTF IG100/A | 100               | Ø850x900                     | Ø600x420                      | 24         | -        | 1,74             | 2,74               | 2,3                | -             |
| PTF IG150/N - PTF IG150/A | 150               | Ø850x900                     | Ø600x540                      | 24         | -        | 1,74             | 2,74               | 2,46               | -             |
| PTF IG200/N - PTF IG200/A | 200               | Ø1000x900                    | Ø760x500                      | 39         | -        | 2,42             | 3,25               | 3,78               | -             |
| PTF IG300/N - PTF IG300/A | 300               | Ø1200x900                    | Ø960x500                      | 48         | -        | 3,47             | 4,66               | 5,41               | -             |
| PTF IG500/N - PTF IG500/A | 500               | Ø1300x100                    | Ø1060x600                     | 55         | -        | 4,62             | 6,21               | 7,21               | -             |

V: steam

IE: indirect el.

GD: direct gas

IG: indirect gas

A: autoclave

N: normal