

# 161 T G SP - 243 T SP



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# CARPIGIANI SOFT SERVE CONSULTING

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**CARPIGIANI SOFT SERVE CONSULTING** consultants can help you transform your idea into a successful business!



**Machine  
Configuration  
& Settings**

**Food  
Style**

**Operations  
Management**

**Mix & Recipe  
Development**



# Fundamentals and advantages





## PERFORMANCE AND QUALITY

Produce Soft Serve Gelato, Ice Creams, Sorbets and Frozen Yogurt. Thanks to the independent cylinders, in the 243 T SP it is possible to simultaneously mix products of different consistencies.



### Creamy Soft Serve Gelato

Thanks to the H-O-T system and to the type of feed (gravity or pump) it is possible to set the desired consistency for creamy ice creams, from a delicate Vanilla or a robust chocolate.



### Soft Serve Sorbets

Choose the desired consistency of the Soft Serve Sorbets, thanks to the H-O-T system and to the type of feed system used (gravity or pump).



### Frozen Yogurt

Choose the desired consistency of the Frozen Yogurt, to produce a classic frozen yogurt or a unique soft serve gelato yogurt. Thanks to the H-O-T system and to the type of feed system used (gravity or pump).



### Custom shape Gelato

Legend:  Optional ONLY upon purchase  Optional available even after purchase



# PERFORMANCE AND QUALITY



### Star Door

Allows the use of the new nozzles and the single-portion kit.



### Monoportion kit

Kit of nozzles suitable for filling small cups, cannoli and other frozen dessert monoportions.



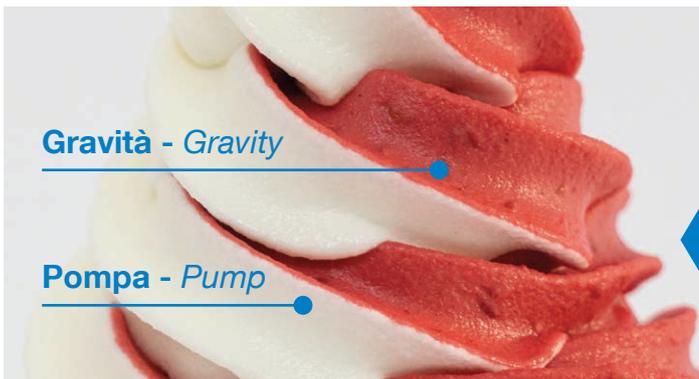
### Nozzles

Create a unique Soft Serve style by choosing and customizing the shape.



### Blender (only for 243 T SP models).

Integrated blender uses disposable spoons to conveniently and hygienically mix toppings or syrups into a soft serve cup.



Gravità - Gravity

Pompa - Pump

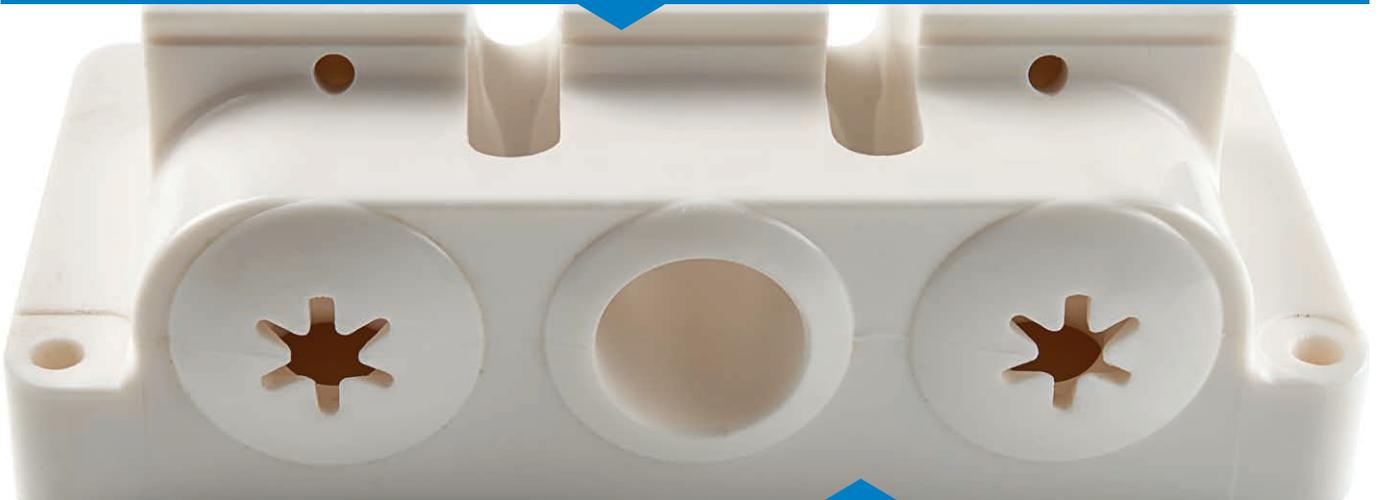
**Pump / Gravity kit (only for 243 T P SP models).** Run one pump- & one gravity- feed cylinder at the same time.



## PERFORMANCE AND QUALITY

### Winter Door (only for 243 T SP models)

Allows the use of two completely separate cylinders by inhibiting the central part. An additional flexibility that can be used, both in the washing and production phases.



### Versatile machine\* (only for 243 T SP models)

Thanks to three different functions, it is possible to choose the side on which you want to operate. Left side only or right side only in low season, both during high productivity.

\*use with the Optional Winter Door.

**Hard-O-Tronic®.** The electronic control system that allows you to change the consistency of the Soft Serve in a simple and fast way.



Legend: Optional ONLY upon purchase Optional available even after purchase



## PERFORMANCE AND QUALITY

### Choice of **MIX FEEDING SYSTEM**

**Gravity - Version G.** Ideal for a dry and compact Soft Serve with up to 40% overrun. The different diameters of the feeding tube holes naturally dose the mixture with air. It is possible to adjust the overrun even when the tank is full, using the overrun adjuster, thanks to the feeding tube holes, which are above and below the mix.



**Pump - Version P (only for 243 T SP models).** Ideal for creating dry and compact Soft Serve. Pressurized steel pump with advanced thermoplastic polymer gears. Thanks to the holes in the pump regulator, it is possible to obtain 40-80% overrun. It is possible to adjust the overrun even when the tank is full!



### **BEATER**

**Removable High efficiency beater in POM**  
Interchangeable food safe plastic blades & shaft for a soft and creamy soft serve.



### **1,35 L Direct expansion cylinder**

Optimizes the refrigeration process, speeding up freezing times and eliminating energy waste. Thanks to the new position of the feed hole, the pre-loading operation is simple and safe.



Legend:  Optional ONLY upon purchase  Optional available even after purchase



## CONVENIENCE

New solutions for maximum **convenience** during use



### Tank agitator with adjustable speed

Prevents stratification during storage and improves heat exchange during pasteurization.



### Adjustable dispensing speed

Adjustable delivery flow to meet all volume and production needs.



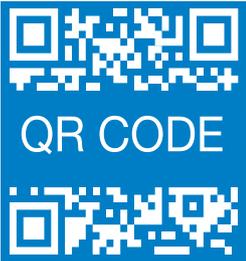
### Self Closing

Automatic lever closing system is easy to assemble & disassemble. The taps are equipped with an automatic closing system to stop the flow of product being dispensed, eliminating any waste.



## CONVENIENCE

New solutions  
**for your style**



Scan the **QR Code** on the front of the machine to access the most up to date equipment information: Instruction Manual, Carpi Care kit & Carpi Clean kit.

### **Modular programmable speed.**

Thanks to the new management of the fan motor it is possible to choose between 3 different configurations: "Max Production" which prefers the hourly production of the machine. "Silent" which automatically allows you to work with low noise "Manual" in which you can set the fixed operating speeds.



## SAVINGS

New **high-performance** electric gearmotors and condensers

Choice of **COOLING**

### **Air-cooled machine**

Thanks to the rear chimney it is possible to optimize the installation space and to place the machines side by side.

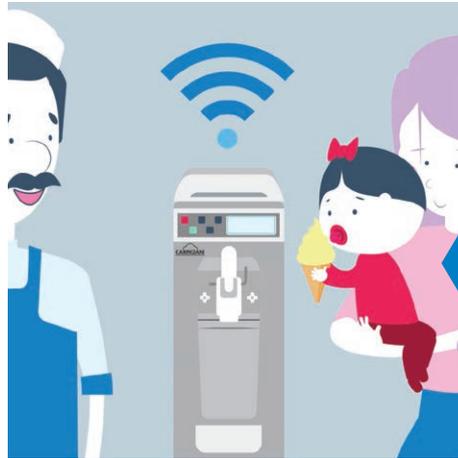
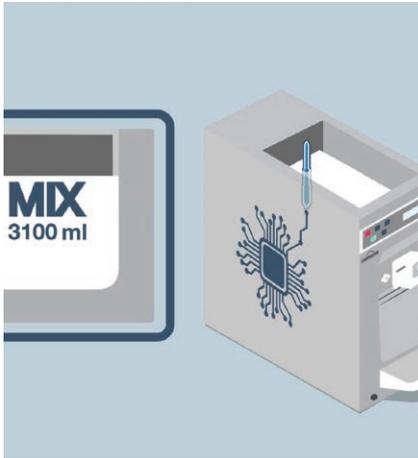


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# SAFETY

**More operational safety**  
and **more control**  
during production



**Blockchain technology (only for 161 T SP models).** Add the secure PAY PER USE sales method with Blockchain technology enabled machines. Thanks to an innovative sensor able to read the quantity of mixture in the tank with extreme precision.



**Ergonomic design**  
Reduced risk of injury, with corners even rounder where the operator works.

**Black-out and water outage.** After a power or water failure, if the temperature-time parameters guarantee that the mixture has not undergone any alteration, the machine resumes the program in progress. Otherwise, if the machine is self-pasteurizing, a pasteurization cycle is automatically started, warning the operator with a message on the display. In the case of the non self-pasteurizing version, the machine requires washing.



## TEOREMA

Guarantees facilitated assistance by providing on-line monitoring and diagnosis on a tablet, phone or PC wherever you are.



## Button lock

For added security, the display buttons can be locked to prevent accidental errors.





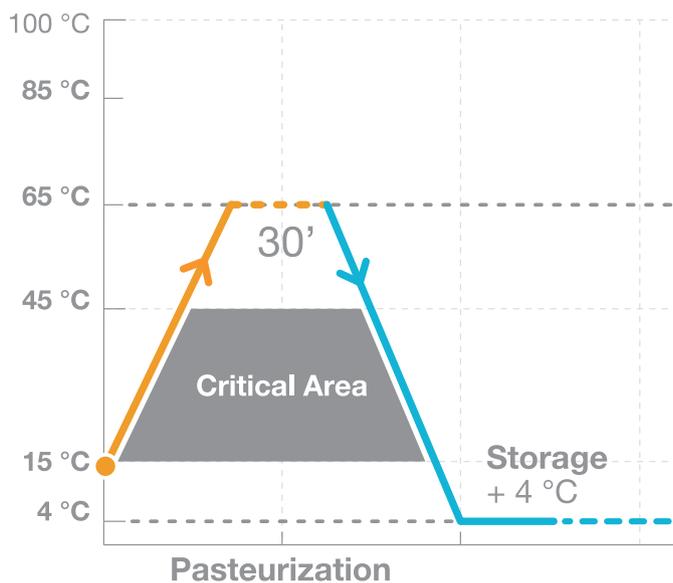
## HYGIENE

Easy cleaning,  
**guaranteed hygiene**

**Scheduled start.** Set the pasteurization, storage programs to automatically run at a convenient time for you, such as overnight and be fully functional the next day.



**Multifunctional Cleaning Button.** Possibility to activate or deactivate the pump and the beater individually or together according to cleaning needs. One of the functions is hot cleaning. By simultaneously activating the stirrer and the heating of the cylinder surface, the production grease residues are quickly dissolved.



**Standard.** With the automatic self-pasteurization system you can choose when to wash the machine up to a maximum interval of 42 days. As a further guarantee of hygienic safety, if the operator does not perform the complete cleaning at the end of the set days, the machine goes into automatic block.

**Removable pump shaft (only for 243 T P SP models).** It simplifies cleaning procedures and guarantees maximum hygiene and reliability.



### Carpi Care kit



Custom kits, designed to always keep your machine hygienically perfect.

### Carpi Clean kit



CARPIGIANI  
services

Legend: Optional ONLY upon purchase Optional available even after purchase

# MACHINE CONFIGURATION

## TANK CONFIGURATION

### CHOOSE THE PRODUCT FEED SYSTEM



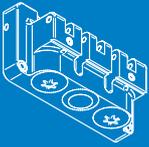
**Pump**  
(only for 243 T SP models)



**Gravity**

## BEATER & DOOR CONFIGURATION

Optional



**Winter Door**  
(only for 243 T SP models)

Optional



**Nozzles**

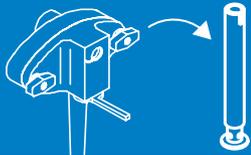
Optional



**Monoportion kit**

## ACCESSORIES CONFIGURATION

Optional



**Kit  
Pump / Gravity**  
(only for 243 T P SP models)

Optional



**Teorema**

Optional



**Blender**  
(only for 243 T SP models)

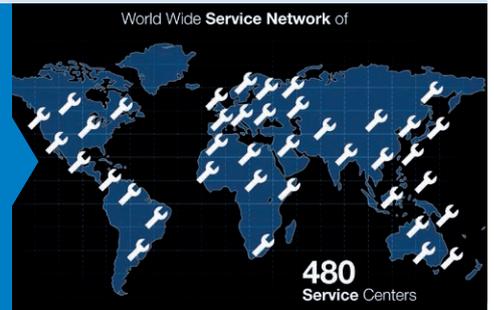
Optional



**Blockchain Technology**  
(only for 161 T SP models)

## WHO WE ARE

**Carpigiani Services.** Always by your side! The extensive Carpigiani service network is at your disposal with a widespread assistance network that guarantees a wide coverage of the territory with over 480 authorized service centers and 1500 specialized technicians around the world, for over 70 years guaranteeing a widespread, global presence. Carpigiani Services ensures rapid and professional assistance.



## WHAT WE OFFER

**Original spare parts.** Carpigiani original spare parts, manufactured in compliance with national and international food safety regulations, ensure the durability of the components and extend the life of the machine. They are the only ones able to guarantee efficiency and safety. Carpigiani original spare parts are guaranteed for 1 year.



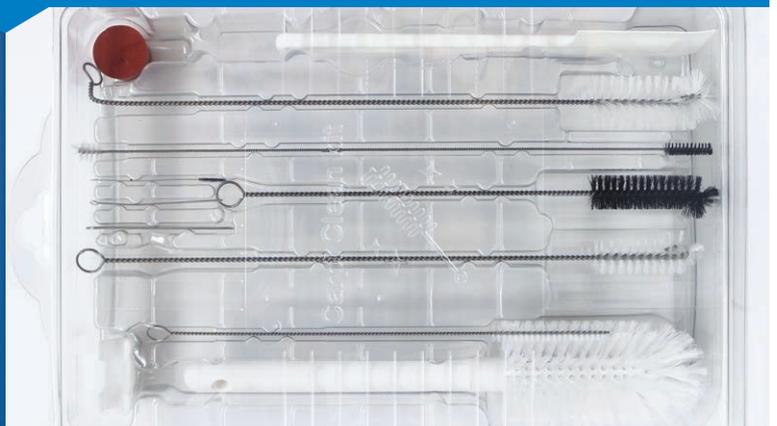
### Carpi Care kit



6 MONTHS

Periodically ask your dealer **Carpi Care kit and Carpi Clean kit.** Dedicated kit of gaskets and brushes to keep each machine hygienic & clean.

### Carpi Clean kit



## WHAT WE OFFER

**Specialized technicians.** Carpigiani technicians are professionals who are always up-to-date thanks to solid and constant training courses that guarantee high levels of competence for any inspection, maintenance, cleaning and repair intervention.



**Preventive maintenance.** Thanks to periodic checks, entrusted to certified technicians, the machine can always work in optimal conditions, preventing any downtime.

**Extended Warranty.** Operate machine in complete tranquility, thanks to the Carpigiani extended warranty. In case of needs, in fact, Carpigiani technicians are able to restore machine operation with original spare parts.



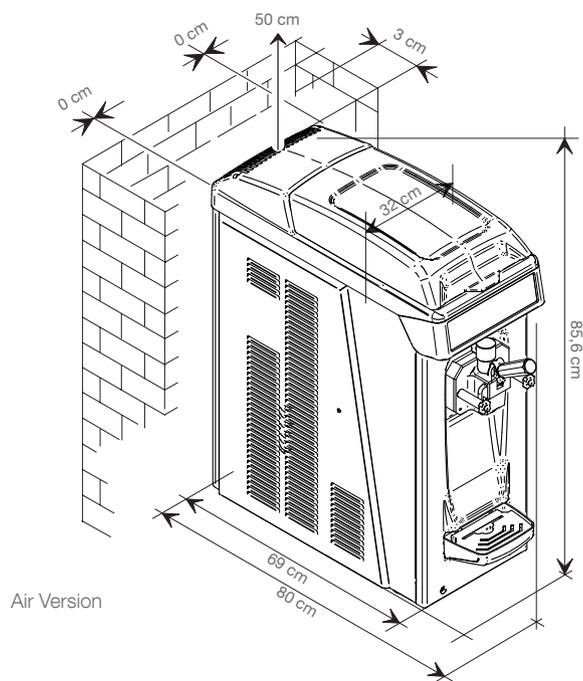
**Scheduled Cleaning.** Possibility of entrusting the periodic cleaning of the machine to expert technicians.



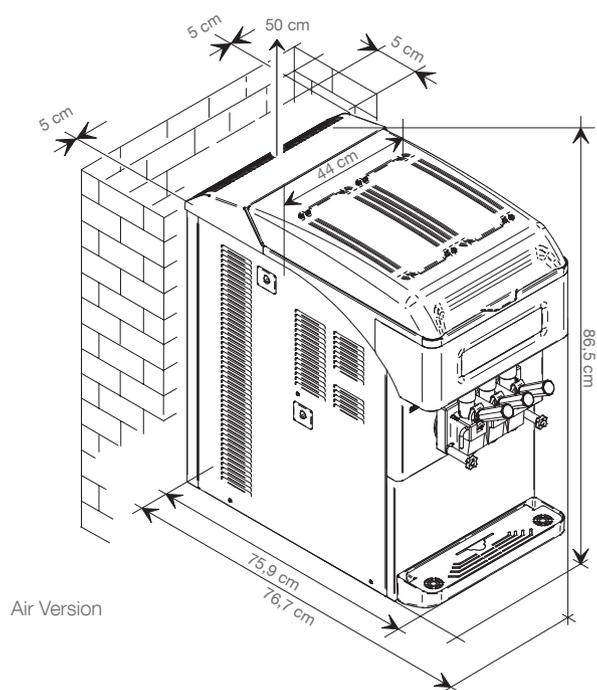
**Teorema.** Teorema Remote Control and diagnosis system for remote monitoring of machine operation. The customer can access the machine via computer, tablet or mobile device to remotely monitor operations. Teorema also facilitates the assistance service: Carpigiani technicians are alerted on the configuration parameters as if they were operating directly on the machine.



## technical data - dimensions



161 T G SP



243 T SP

# 161 T G SP - 243 T SP



|   | Flavours | Mix Delivery System | Hourly production<br>(75gr portions) | Tank Capacity<br>lt | Cylinder Capacity<br>lt | Rated Power Input<br>kW | Fuse Size<br>A | Power Supply<br>Volt Hz Ph | Cooling System | Refrigerant | Net Weight<br>kg |
|---|----------|---------------------|--------------------------------------|---------------------|-------------------------|-------------------------|----------------|----------------------------|----------------|-------------|------------------|
|  | 1        | Gravity             | 200*                                 | 5                   | 1,35                    | 2,3                     | 16             | 230/50/1**                 | Air            | R452***     | 95               |
|   | 2+1      | Pump                | 320*                                 | 5+5                 | 1,35                    | 3,0                     | 20             | 230/50/1**                 | Air            | R452***     | 190              |
|   |          | Gravity             | 268*                                 | 8+8                 |                         |                         |                |                            |                |             | 180              |

\*production capacity depends on the mix used and the room temperature \*\*other voltages and cycles available upon request  
\*\*\*alternative solutions available.

T SP are produced by Carpigiani with UNI EN ISO 9001 Certified Quality System.

All specifications mentioned must be considered approximate; Carpigiani reserves the right to modify, without notice, all parts deemed necessary.

  
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