

# WasteManagement Solutions









## WASTE MANAGEMENT SOLUTIONS

**We start with this singular goal in mind: there is a perfect washing system for your operation.**

From that point forward at Comenda we work with you to piece together a system that is going to help meet the daily challenges of keeping you clean, whatever your capacity. A critical component in any washing system is how effectively **manage organic waste**. Comenda offers a wide range of integrated and stand-alone solutions for waste management. All our solutions are reliable, compact and highly technological.





**RENEWABLE ENERGY**



**COSTS OF REMOVING**



**WASTE MANAGEMENT**



**-80%**

Reduction up to **80%**

**SCRAPPING TABLES**  
Scrapping and sorting operations

WASTE

DISHWARE

Soiled tray deposit  
**DINING ROOM**  
clean dishware  
pick up

**EASY IN**  
Soiled washware loaded  
into the machine

READY FOR SERVICE

**EASY OUT**  
Clean washware  
unloaded

WASHING PROCESS

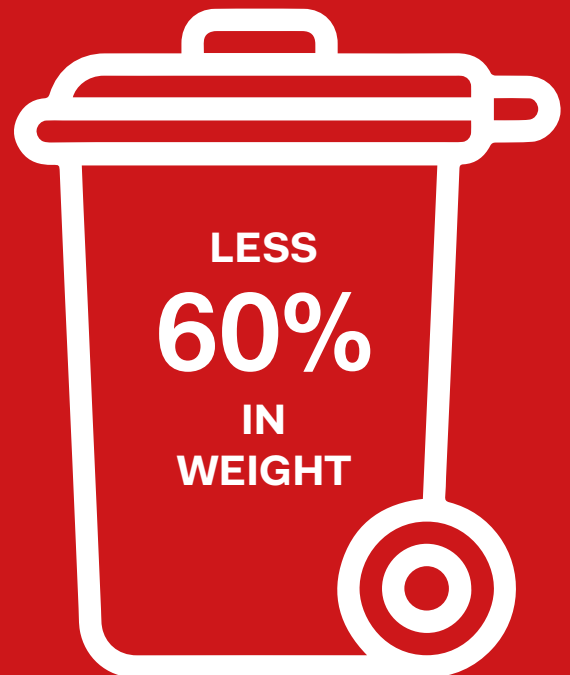
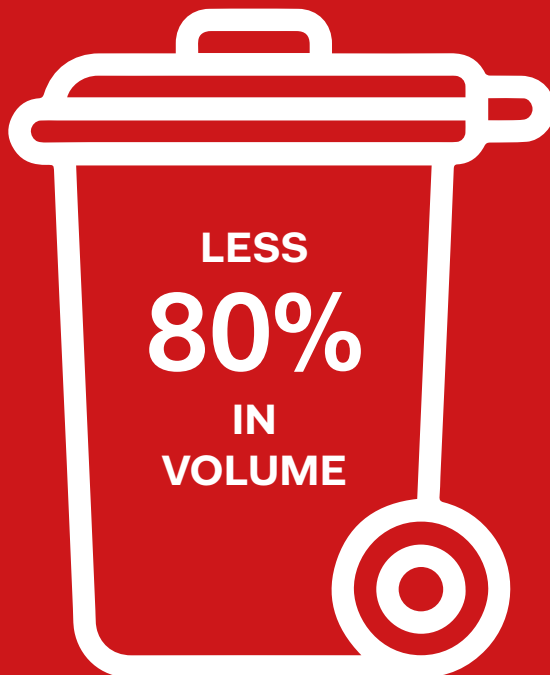
**WAREWASHING SYSTEM**



## WHY CHOOSING COMENDA WASTE MANAGEMENT SYSTEMS

Comenda waste management solutions are a must in large catering facilities like hospitals, universities and meal preparation centres.

### FOOD WASTE



**PERFORMANCE**

Capacity: over **300 Kg/h**

**ECONOMY**

less **80%** garbage bags  
less **80%** in logistics cost  
Avoids any storage  
of wet bio waste

**HYGIENE**

Self-cleaning and sanitization  
at the end of each working day

**REDUCED  
CONSUMPTION**

**90%** of water  
is recycled

**COMFORT**

No manual handling  
of food waste. Avoids bacteria  
and molds proliferation,  
eliminating bad smells

**ECOLOGY**

Waste as a resource:  
compost is the main source  
of renewable energy.

**SAFETY**

System block in case of  
accidental cover opening

**ERGONOMICS**

Avoids unnecessary repetitive  
actions reducing musculoskeletal  
discorders' risk



## TR 30 COMPACT WASTE MANAGEMENT UNIT

Comenda stainless steel compact unit includes in a single cabinet all the components needed to grind and dewater the food waste.

Easy-to-use, functional and adaptive **it avoids waste direct handling**. While the liquid component getting out of the dewater is poured into the draining system, the remaining solid part is collected in a compact, easy to remove lidded storage bin.

### BENEFITS:

- 🔄 Compact in size
- 🔄 Capacity: **300 kg/h**
- 🔄 **Hopper with magnets** to block any accidental drop of cutlery and utensils
- 🔄 Reduce consumption: **it recycles drain water** while grinding
- 🔄 **User-friendly display** with an emergency button
- 🔄 Food waste directly grinded inside the intake station







# TR 30

Compact  
unit

## GENERAL FEATURES







CAPACITY (kg/h)	DIMENSIONS (LXPXH)	CHASSIS	WEIGHT (kg)	WATER CONSUMPTION (l)	NOISE LEVEL
Up to 300 kg/h	1000x700x900 mm	AISI 304	200	8 liters/ washing cycle	79 dB(A)

## ELETRICAL AND MECHANICAL DATA

MACERATOR (kW)	IMPELLER PUMP (kW)	DEWATER (kW)	INSTALLED LOAD (kW)	POWER SUPPLY
2,2	0,75	1,1	4,4	400V/3N 50Hz

## OTHER FEATURES

WATER CONTROL	OPERATOR SAFETY	SPECIAL FEATURES	CONTROL PANEL	CONTROLS
Automatic	Emergency button, time- sensitive block system, time delayed interlock	Hood hose spray, magnet	PLC	IP65 rated waterproof display

-  PLC control panel with digital display and emergency button
-  heavy duty Grinding system in stainless steel
-  Active safety of the unit with instantaneous stop of the macerator when the hopper lid is lifted
-  Intelligent electronic sensor to detect when the waste outlet bin (16 l capacity) is full
-  Hand Hose spray for keeping the unit clean
-  Perfect fit for your warewashing system in stand alone or integrated configuration

## TR 30 CAN EASILY HANDLE:



Organic waste



Food waste



Shells



Bones



## T5 PULPER UNIT

Easy to use, T5 allows you savings on storage and handling costs. It also guarantees better working and hygiene conditions.

### BENEFITS:

- ♻️ Reduced consumption: **90% of water** is recycled, filtered and mixed with additional pure water
- ♻️ **Easy to install**
- ♻️ Perfectly fits in your washing area
- ♻️ Functionality and durability





# T5

Pulper  
unit

## GENERAL FEATURES






CAPACITY (kg/h)	DIMENSIONS (LXPXH) mm	CHASSIS	WEIGHT (kg)	WATER CONSUMPTION (l/h)	NOISE LEVEL
Up to 320 kg/h	1540x870x1610	AISI 304	455	50	75 dB(A)

## ELECTRICAL AND MECHANICAL DATA

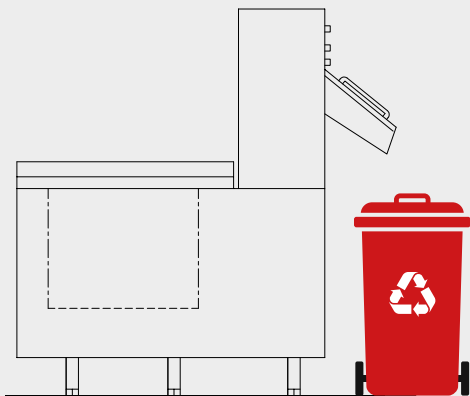
MACERATOR (kW)	WATER EXTRACTOR MOTOR (kW)	RECIRCULATION PUMP (kW)	INSTALLED LOAD (kW)	POWER SUPPLY
3,7	1,5	1,5	6,7	400V 3N

## INPUT CAPACITY

FOOD WASTE (kg/h)	MIXED/VARIOUS WASTE (kg/h)	PAPER/ CARDBOX (kg/h)
320	227	130

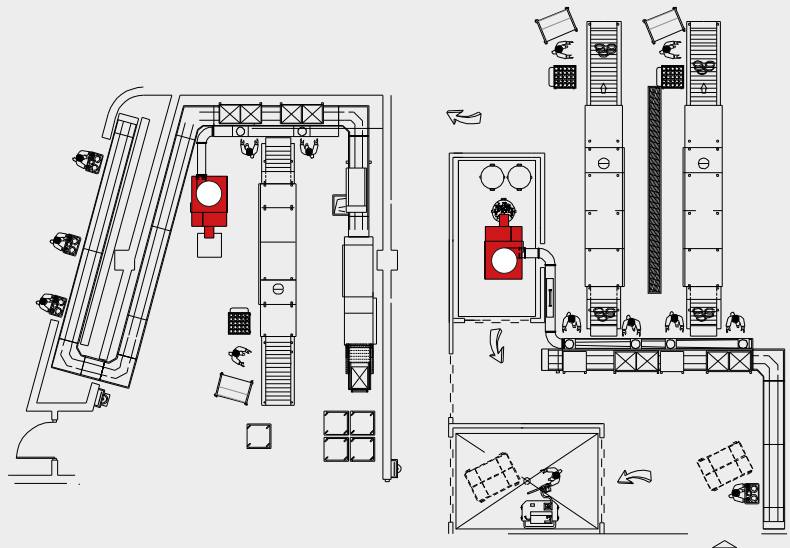
-  Sanitizing system® to garant high level of hygiene/washes and sanitizes the machine
-  Grinding tank in stainless steel
-  Magnetic silverware handler to block any accidental drop of metallic elements
-  Water level automatic control
-  Inspection hood safety micro switch

## AVAILABLE IN: STAND ALONE EXECUTION



## INTEGRATED IN YOUR WAREWHASING SYSTEM:

No matter if the waste collection area is located in the same room or not even on the same floor.





## COLLABORATIVELY COMENDA

**Just as you are in the business of serving people,  
we're in the profession of serving you.**

Our development since 1963 as a company has always championed exceptional performance, cost containment and highly energy efficient design. Close, active consultation also ensures that we generate the perfect solution for our clients.

That involves understanding the challenges our clients face on a daily basis and helping them to meet their objectives.

That's the Comenda difference and it carries on through our commitment to ongoing service and support.

We may be just one component of your overall success, but we always aim to be at the heart of your operation.





## **ECONOMY AND ECOLOGY**

ECO2 is proof that we take our approach to ecological sustainability very seriously. This is our commitment to cutting operational costs by reducing water, chemicals and energy consumption.



## CONTACT

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Comenda complies with ISO9001 quality management system and ISO14001:2015 environmental management system.





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The Spirit of Excellence