

# MULTIPRESS ECO

CLEAN, SAFE, SUSTAINABLE



The intelligent  
disposal concept  
for waste collection and compaction  
in public spaces.

PROBLEM

# CLEANLINESS MAKES THE DIFFERENCE, RIGHT?

## YOU KNOW ABOUT...

- Early morning traffic
- CO<sub>2</sub> exposure
- Overfilled bins
- Unpleasant rubbish islands
- Offensive odours



## WE ARE TACKLING IT.



## THE SOLUTION

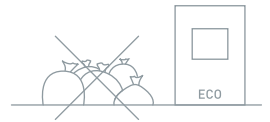
# MULTIPRESS ECO

The **MULTIPRESS ECO** is a press container with a weighing and/or identification system which makes it possible to collect and compact residual waste in public spaces. Due to large volumes of 8 to 16 m³, fewer trips by disposal vehicle are necessary – which relieves traffic and the environment.

The **MULTIPRESS ECO** offers a personalised and polluter-based waste disposal – **24 hours a day, 7 days a week**.

### ADVANTAGES FOR COMMUNITIES...

- Clean landscape
- Lower transport costs
- Fill level and fault messages
- No refuse collection vehicles
- Less traffic = less CO<sub>2</sub> emissions
- Modern system



### ADVANTAGES FOR RESIDENTS...

- Waste disposal around the clock
- Fair billing
- No flat-rate fees
- Clean living environment
- Well-maintained parks
- No offensive odours
- Increase in quality of life



**A chance for progressive communities and companies to create clean and odour-free recycling and residual waste collection points.**  
They hardly stand out in their surroundings and convey a good lifestyle.

For any requirement

# THE APPROPRIATE SOLUTION

1

**Convenient disposal and cost-saving** for residents of residential complexes.

No more full bins.

**The waste is compacted with the built-in press that utilises the volume optimally.** Having the container in residential areas or residential complexes makes **polluter-based waste disposal and billing possible.**

Municipalities and residents welcome the already proven system.



2

**Sustainable disposal.**

The **MULTIPRESS ECO** not only optimises waste separation and collection, it also relieves traffic as refuse collection vehicles for emptying individual bins disappear from the streets.

**Longer pick-up intervals save transport and logistics costs and reduce CO<sub>2</sub>.**



**A SELF-CONTAINED DISPOSAL SOLUTION THAT IS ACCESSIBLE AT ALL TIMES.**

A MULTIPRESS **ECO** replaces approx. 40, 1100 litre containers for residual waste.



3

### Space-saving systems.

More room for essentials.

The **MULTIPRESS ECO** ensures cleanliness and order as a disposal solution for companies and residential complexes that integrates perfectly into the architecture.

The most beautiful places, parks and courtyards remain attractive.



4

### Tailor-made industrial solutions for large quantities.

Fair solutions for industry and business.  
**Clean shopping centres, airports or train stations and fair disposal costs.**

The stationary weighing system, in combination with the press container, can be used constantly and saves on enormous transport costs.

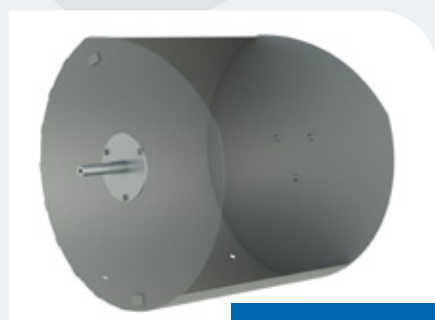


In the public sector, but also in companies and production plants, we develop ways and solutions to implement this sustainability.

Over 15 years of experience, hundreds of machines in use worldwide.

# MULTIPRESS ECO COLLECT

A system with a wide range of possibilities



MULTI DRUM 510 L

1



MULTI BOWL 120 L

2

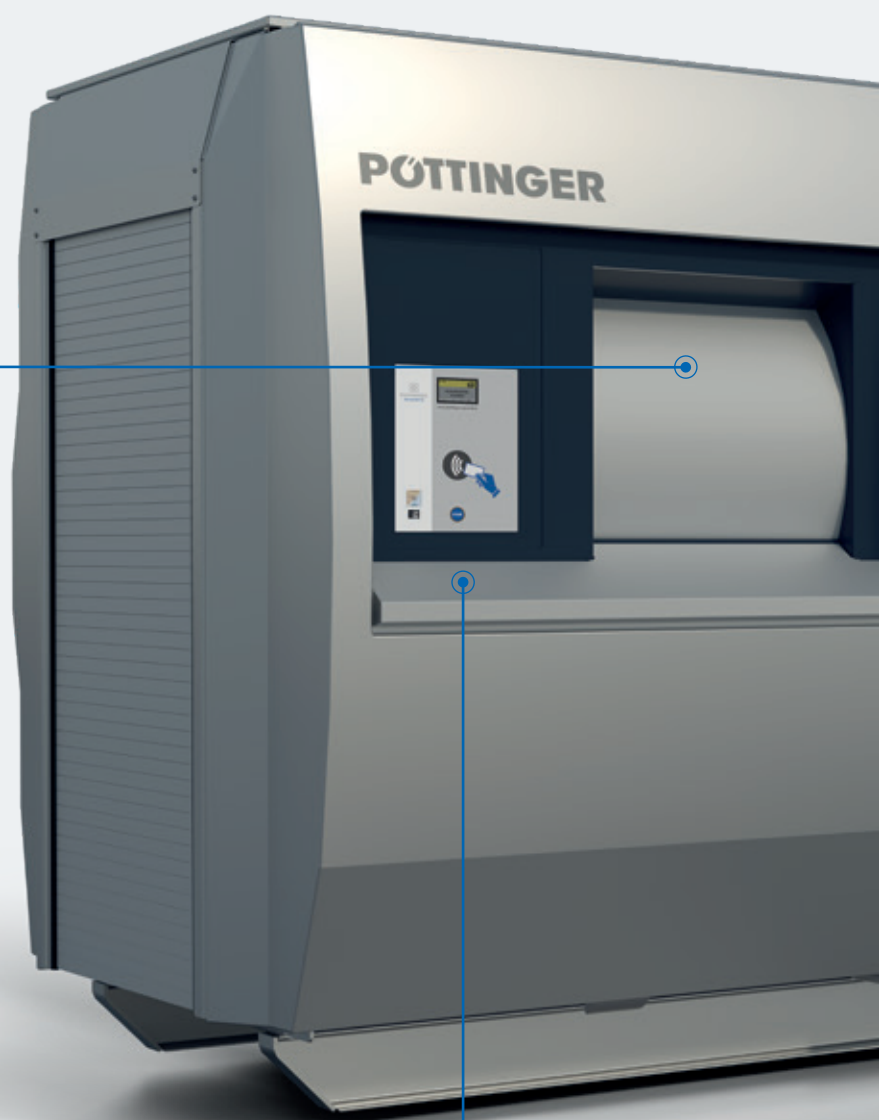


REVOLVER 35 L - 65 L - 110 L

3



4

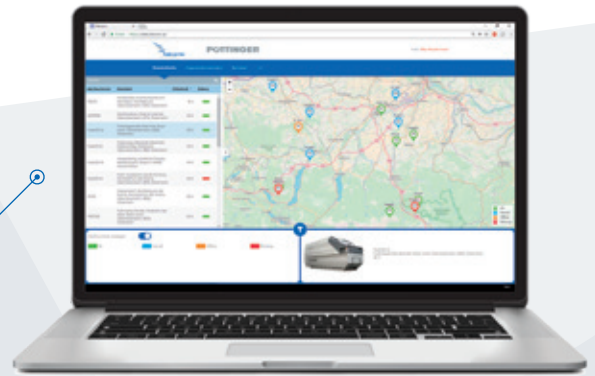


## USER IDENTIFICATION

- TRANSPONDER CARD/  
KEYFOB
- ATM CARD
- CITIZEN CARD
- RFID
- QR CODE

## BILLING

- CREDIT CARD (AUSTRIA)
- PREPAID CARD
- NFC  
(NEAR FIELD COMMUNICATION)



**falconic**

KEEP AN EYE ON EFFICIENCY

#### CUSTOMER ADMINISTRATION

All information about this can be found on page 11.

Pöttinger offers a **complete system**, consisting of a press container with integrated weighing sluice (optional volume sluice or cardboard slot), the falconic administration program, transponder cards and services.

MULTIPRESS **ECO**

# ONE SYSTEM...

A MULTIPRESS **ECO** replaces approx. 40,  
1100 litre containers for residual waste.

The **MULTIPRESS ECO** is a **closed system** and is ideally suited for installation in public places due to its ease of use.

This results in a clean landscape, free of offensive odours as the waste is also sprayed with an odour-inhibiting liquid.

The system makes it possible to detect the amount of residual waste precisely and thus a precise calculation of the fee. Increased motivation to separate waste is a logical consequence. The fill level message via mail/SMS makes it possible to plan optimal routes, saving time and money. There are also savings in transport and logistics costs due to significantly increased pick-up intervals.

We offer different stages of expansion depending on the customer's specific requirements.

We will develop an optimal solution for your disposal situation entirely suited to your needs.



ECO Roll-off container

**ROLL-OFF CONTAINER**  
(10, 12, 14, 16 m³)

for transport with hook loaders

**SKIP CONTAINER**  
(8, 10 oder 12 m³)

available for skip tipper vehicles

| ECO is available in all RAL colours



ECO Skip container

The MULTIPRESS **ECO** press containers can be used in all areas where residual waste, cardboard or plastic waste accumulates.

MULTIPRESS ECO

# MANY POSSIBILITIES



## MULTIPRESS ECO W

The MULTIPRESS ECO W is equipped **with a large weighing sluice** (510 litres) that opens and closes automatically. The ECO W makes **polluter-based billing** of the disposal costs possible via the standard **identification system** and waste weighing.



## MULTIPRESS ECO Sluice

The MULTIPRESS ECO S has a **volume sluice**, via which residual waste or plastic can be thrown in **safely**. The ECO S is equipped with an **identification system** upon request.



## MULTIPRESS ECO Carton

The collection of cardboard packaging is time-consuming and costly. **The MP ECO Carton achieves a compaction of at least 500% using the build-in press.** This replaces approx. 80, 1100 litre containers. **Up to 5000 kg of cardboard packaging** can be collected that only requires emptying once.



## MULTIPRESS ECO Underground

The ECO Underground is a **semi-underground container with an integrated weighing sluice** and a **storage capacity of 5 m³**. This replaces approx. 70 tonnes of household waste.

The user is identified, the data saved accordingly and transferred to the online management program falconic.



## MULTIPRESS ECO Bin Lift

Wherever **large amounts of residual waste** need to be disposed of and collected in refuse containers, the **stationary or mobile ECO BIN LIFT** is the **optimal solution for polluter-based disposal**.

Equipped with our proven ECO weighing technology, the waste costs incurred can be divided to the individual users.



## MULTIPRESS ECO Static

ECO STATIC is **the tailor-made solution for use in shopping centres, airports, train stations, material yards, etc.** in order to divide the waste fees incurred fairly to the individual companies.

**Permanent availability** is a significant advantage. The fact that standard press containers can be docked to the stationary ECO STATIC weighing sluice contributes to enormous savings in transport costs..

MULTIPRESS ECO

# SIMPLE OPERATION - SAFE USE

## | Identification



**Simple operation** using a transponder or credit card

Identification at the machine can be done using transponder cards or ID cards. In Austria, bank and credit cards can also be used. All further steps are shown on the display.



**Convenient filling opening**

Safe and barrier-free operation is possible even for children and people with physical impairments.

**Safe handling**

Pick-up hooks, main switches and power connections can be found behind a lockable roller door and are not publicly accessible!

**MULTIPRESS ECO**  
weighing technology

| Who weighs, wins!

Convenient and large weighing sluices with a volume of 510 litres, EU-calibrated class IV – opens and closes itself automatically – with safety bar.



ABSOLUTE  
TRANSPARENCY  
CREATES  
MOTIVATION  
TO SEPARATE  
WASTE!

Online

# SIMPLE ADMINISTRATION

via falconic

You want to specify who has access to the Multipress ECO?  
Only a certain group of people may throw in waste?  
Individual users need to be blocked?  
In addition, would you like to bill the waste disposed of  
according to the polluter-pays principle?



**With falconic, no problem!**

falconic offers you simple online management!

All machines and user data are  
available at a glance via the **falconic**  
web application.

Detailed reports can also be made  
accessible to users.  
This creates absolute transparency  
and thus the motivation to separate  
waste.

Give it a try:

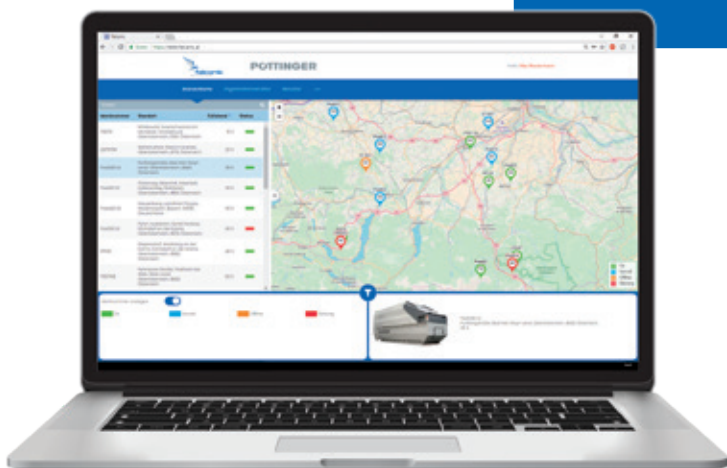


Go here for the demo version



## THE PROGRAM PROVIDES YOU WITH:

- User management
- Administration of access authorisations (e.g.: cards)
- Billing
- Downloading of logs and statistics



## Effective work organisation - centralised in one tool

Due to the integration of the **falconic** module in the press container, all relevant machine functions can be obtained and used to optimise logistics and scheduling.

**falconic** offers everything that you need to work  
even more effectively in our digital world.

# REFERENCES

## | City of Salzburg

|                        |                                |
|------------------------|--------------------------------|
| Operation:             | Salzburg municipal authorities |
| Inhabitants:           | 145.000                        |
| Connected households:  | 1.600                          |
| Discards/month:        | 8.500                          |
| Discard weight Ø:      | 3,3 kg                         |
| Machine types:         | ECO Roll-off container 14 m³   |
| Sites:                 | 7                              |
| In operation since:    | 2011                           |
| Max. distance to site: | 100 m                          |



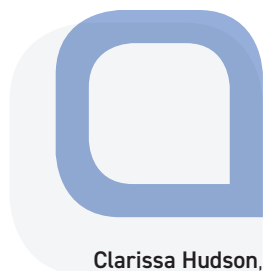
## SCS Vösendorf



SCS relies on press containers from PÖTTINGER. PÖTTINGER presses are used at eight rubbish tips or disposal centres on the SCS site, tailored to the respective disposal needs of the site. The Multipress ECOs make fair billing possible using identification and weighing.

|                        |                                    |
|------------------------|------------------------------------|
| Operation:             | Shopping City Süd, Vösendorf       |
| Connected shops:       | 450                                |
| Discards/month:        | 8.000                              |
| Discard weight Ø:      | 6,8 kg                             |
| Machine types:         | ECO Static, ECO Roll-off container |
| Sites:                 | 5                                  |
| In operation since:    | 2020                               |
| Max. distance to site: | 200 m                              |

## Residence Sindelfingen



**Clarissa Hudson,**  
Residences  
Sindelfingen GmbH



“ The residents of the residential complex were not happy with the expensive and constantly overfilled bin system. The MULTIPRESS ECO is now being used in 29 residential complexes. The 24-hour availability, savings when waste is separated and simple operation were the reasons why the containers were quickly embraced by the residents. ”

| Operation:             | Residences in Sindelfingen (Germany) |
|------------------------|--------------------------------------|
| Inhabitants:           | 60.000                               |
| Connected households:  | 3.260                                |
| Discards/month:        | 15.360                               |
| Discard weight Ø:      | 4,0 kg                               |
| Machine types:         | ECO Skip 8 m³                        |
| Sites:                 | 21                                   |
| In operation since:    | 2002                                 |
| Max. distance to site: | 100 m                                |



## Stadtwerke Brixen

| Operation:             | Stadtwerke Brixen (Italy)                          |
|------------------------|----------------------------------------------------|
| Inhabitants:           | 21.000                                             |
| Connected households:  | 10.000                                             |
| Discards/month:        | 30.000                                             |
| Discard weight Ø:      | 2,5 kg                                             |
| Machine types:         | ECO Roll-off container 10 - 14 m³, ECO Underground |
| Sites:                 | 42                                                 |
| In operation since:    | 1998                                               |
| Max. distance to site: | 200 m                                              |

# REFERENCES

## | Asfinag pilot project (public collection)

ASFINAG is appealing for people to refill water bottles and thus avoid plastic waste in its "Refill instead of throw away" summer trip campaign. Those who do not (yet) want to do without plastic bottles can dispose of them properly in the Multipress ECO.

The solution from PÖTTINGER makes safe, public collection and disposal of residual waste and plastic bottles possible and creates a clean and odour-free collection point. By compacting 5:1 on site, the container volume is utilised optimally and pick-up journeys are reduced.



|                     |                     |
|---------------------|---------------------|
| Operation:          | Asfinag, rest areas |
| Types of waste:     | PET, residual waste |
| Machine types:      | ECO Skip            |
| Sites:              | 3                   |
| In operation since: | 2021                |

Climate Protection Minister Leonore Gewessler and ASFINAG Managing Director Hartwig Hufnagl are impressed by the MULTIPRESS ECO.

## City of Klagenfurt



MULTIPRESS ECOs are part of the Smart City strategy pursued in the city of Klagenfurt. At the Benedictine market and in selected residential complexes, residual waste and waste paper can also be disposed of safely in publicly accessible places.

Full waste bins are a thing of the past as the pick-up intervals can be optimised and efficiently controlled via falconic.

|                          |                               |
|--------------------------|-------------------------------|
| Operation:               | Benediktinermarkt, Klagenfurt |
| Connected market stalls: | 60                            |
| Discards/month:          | 1.500                         |
| Discard weight Ø:        | 5,3 kg                        |
| Machine types:           | ECO Roll-off container        |
| Sites:                   | 1                             |
| In operation since:      | 2020                          |
| Max. distance to site:   | 200 m                         |



|                        |                                                    |
|------------------------|----------------------------------------------------|
| Operation:             | Residential complex, Klagenfurt                    |
| Inhabitants:           | 450                                                |
| Connected households:  | 200                                                |
| Discards/month:        | 2.000                                              |
| Discard weight Ø:      | 2,5 kg                                             |
| Machine types:         | ECO Roll-off container (cardboard, residual waste) |
| Sites:                 | 1                                                  |
| In operation since:    | 2020                                               |
| Max. distance to site: | 100 m                                              |



Hide or emphasise?  
Conceal or highlight?  
Now we have the choice.

Depending on the use and installation site, your PÖTTINGER press container can not only take up the space, but also achieve the visual effect you give it.

CAMO DESIGN is the freely designable advertising textile that covers our devices and ensures a clean look and feel – across the entire service life. A clean environment manifests itself not only in the way a device operates, but also its appearance.

Perfect integration into the cityscape

# CUSTOMISABLE DESIGN



Now you just need to decide:

Do you want to focus on the sustainability of your waste management? A nature motif would be our suggestion here. Or is pride of ownership the focus?

Then the company logo or a company advertising message is portrayed. Do you want to make a large container simply "disappear"? This is also possible. A green hedge or other neutral motifs are available.



Now get  
designing!

# PÖTTINGER

## QUALITY LABEL



### POWDER COATING

At PÖTTINGER, all components are sand-blasted and powder-coated to a high quality. This gives our products the best possible corrosion protection and a long-lasting, high-quality appearance.

**CUSTOMER BENEFIT** - Longer value retention and higher resale value.



### STABILITY DESIGN + 200%

All components that are subject to particular stresses in practice are often designed to be twice as stable as normal operation would require. Our products are therefore ready for even the toughest uses.

**CUSTOMER BENEFIT** - High availability due to minimal downtime, low repair costs.



### STRESS TESTS

Our products are rigorously tested. The product life is simulated over weeks on a specially developed test stand using state-of-the-art methods. This way, any weak points are recognised and remedied in good time.

**CUSTOMER BENEFIT** - Our customers receive innovative, high-performance products with extremely high operating reliability and thus the best prerequisite for problem-free and cost-efficient operation.



### MATERIAL FLOW OPTIMISED PRESS CHAMBER GEOMETRY

By using the latest calculation methods, we have succeeded in developing PÖTTINGER presses with optimised geometries.

**CUSTOMER BENEFIT** - This results in the best possible material flow for better filling of the containers (+20%) and thus reduced transport costs accordingly.



### INNOVATIVE DESIGN

Quality endures - this also applies to our product design. Only when the intrinsic values of our products are also experienced on the outside do our products gain the acceptance they deserve, even among end customers.

**CUSTOMER BENEFIT** - The advantage for our customers is that beautiful products are simply more enjoyable to deal with. Furthermore, the attractiveness of a PÖTTINGER brand product clearly brings more resale value.



**Camo Design**

### TEXTILE COVERINGS WITH CAMO DESIGN

Many of our products come with the option of attaching large advertising textiles. These high-quality advertising spaces offer completely new possibilities for visual communication. There are hardly any limits to the imagination.

**CUSTOMER BENEFIT** - Whether it's your own brand messages, adapting to the wishes of end customers or even matching the outer shell to regional circumstances - the products simply receive more attention and acceptance. And so, as experience shows, you get better prices.



### falconic - EVERYTHING AT A GLANCE

Get all the information about all relevant machine functions with falconic, the control module for press containers. The technology package offers everything that you need to work effectively in our networked world.

**CUSTOMER BENEFIT** - With falconic, you increase your efficiency through a perfect overview of the logistics, scheduling and maintenance of your press container and reduce your costs in this way.

## MULTIPRESS ECO

# TECHNICAL DATA

The slot of the roll-off container can be on the left or right.  
Optionally, the machine is also available with a canopy.



| ECO Roll-off-container (DIN 30722) |     | – | MP ECO 10                       | MP ECO 12 | MP ECO 14 | MP ECO 16 |
|------------------------------------|-----|---|---------------------------------|-----------|-----------|-----------|
| Container volumes                  | m³  | – | 10                              | 12        | 14        | 16        |
| Length (without rear hook)         | mm  | – | 4820                            | 5320      | 5820      | 6320      |
| Width x height                     | mm  | – | 1950 x 2480                     |           |           |           |
| Slot height                        | mm  | – | 1270                            |           |           |           |
| Tare weight                        | kg  | – | 3590                            | 3750      | 3920      | 4080      |
| Pressing force                     | kN  | – | 210                             |           |           |           |
| Motor                              | kW  | – | 6                               |           |           |           |
| Power connection                   | –   | – | 400V / 50 HZ 16A delayed-action |           |           |           |
| Duration of press process          | sec | – | 40                              |           |           |           |

The Skip is only available with a front slot and optionally with a canopy.



| ECO Skip (DIN 30720)       |     | MP ECO 8                        | MP ECO 10 | MP ECO 12 | – | – |
|----------------------------|-----|---------------------------------|-----------|-----------|---|---|
| Container volumes          | m³  | 8                               | 10        | 12        | – | – |
| Length (without rear hook) | mm  | 4200                            | 4700      | 5200      | – | – |
| Width x height             | mm  | 1950 x 2480                     |           |           | – | – |
| Slot height                | mm  | 1230                            |           |           | – | – |
| Tare weight                | kg  | 3450                            | 3650      | 3850      | – | – |
| Pressing force             | kN  | 210                             |           |           | – | – |
| Motor                      | kW  | 6                               |           |           | – | – |
| Power connection           | –   | 400V / 50 HZ 16A delayed-action |           |           | – | – |
| Duration of press process  | sec | 40                              |           |           | – | – |



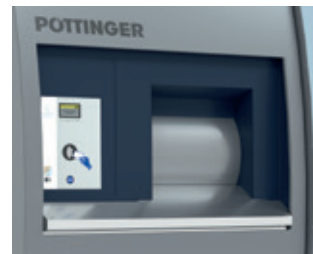
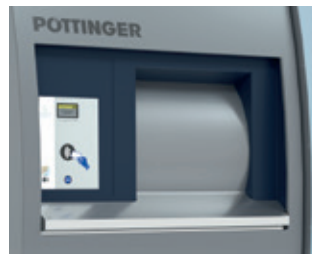
| ECO Station                |     |                                 |
|----------------------------|-----|---------------------------------|
| Container volumes          | m³  | Docking container up to 32 m³   |
| Length (without rear hook) | mm  | 1700 + docking container        |
| Width x height             | mm  | 1830 / 3200 x 2370              |
| Slot height                | mm  | 1360                            |
| Tare weight                | kg  | 2000                            |
| Pressing force             | kN  | 250                             |
| Motor                      | kW  | 5,5                             |
| Power connection           | –   | 400V / 50 HZ 16A delayed-action |
| Duration of press process  | sec | 60                              |



|                    |        |    | ECO Static ground loading | ECO Static ramp loading |
|--------------------|--------|----|---------------------------|-------------------------|
| Dimensions         | Length | mm | 6700                      | 6700                    |
|                    | Width  | mm | 3000                      | 3000                    |
|                    | Height | mm | 2700                      | 3300                    |
| Space requirements | Length | mm | 7500                      | 7500                    |
|                    | Width  | mm | 3000                      | 3000                    |
|                    | Height | mm | 2700                      | 3300                    |
| Platform height    |        | mm | 600                       | 1000 - 1350             |
| Slot height        |        | mm | 1150                      | 1000 - 1350             |

\* with MP 1.4 20 m³

Each container can be equipped with a slot sluice of your choice.

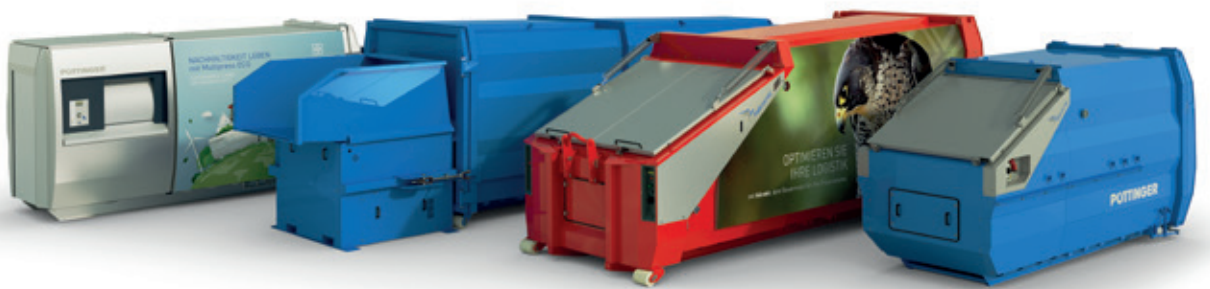


|                         |       | Weighing sluice                            | Volume sluice | Cardboard slot |
|-------------------------|-------|--------------------------------------------|---------------|----------------|
| Filling opening         | mm    | 550 x 700                                  | –             | 1000 x 120     |
| Filling chamber volumes | Litre | 510                                        | 30 / 60 / 110 | –              |
| Useful volumes          | –     | per discard<br>max. 3 pcs. 80L refuse bags | –             | –              |
| Scale                   | kg    | 1-100 (0,1 kg exact)                       | –             | –              |

| ECO BIN Lift       |        |    | * with MP 1.4 20 m³ |
|--------------------|--------|----|---------------------|
| Dimensions         | Length | mm | 2500                |
|                    | Width  | mm | 2300                |
|                    | Height | mm | 2450                |
| Space requirements | Length | mm | 10000               |
|                    | Width  | mm | 2300                |
|                    | Height | mm | 2450                |



YOUR PARTNER FOR  
**INNOVATIVE DISPOSAL  
SOLUTIONS**



Have you seen our image video?

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