



FINBIN[®]

SCANDINAVIAN DESIGN
LITTER BINS AND
RECYCLING BINS

WWW.FINBIN.FI

It all started
in 1945

FINBIN® IN BRIEF

CUSTOMER DRIVEN DESIGN FOR URBAN ENVIRONMENTS

FinBin® is a product family for furnishing of public environments. The product range covers urban furnitures: litter bins, recycling bins and other street furnitures as benches, shelters etc. FinBin® is a brand of company Lehtovuori Oy.

IT ALL STARTED IN 1945

The roots of the company date back in 1945 when a Finnish company Lehtovuori Oy were established. Company provides living environment products and solutions for furnishing interior and exterior environment. Since that the products have been strongly present in the living environments in the city

surroundings, public and commercial premises, terminals, housing areas, parks, play and sporting grounds etc. Product range covers benches, litter bins, bicycle storing systems, shelters etc.

FINBIN PRODUCTS SINCE 1995

The FinBin® story starts around 1990. The City of Helsinki put out a tender for a completely new litter bin design. The winning model represented pure Nordic design. It was designed according to customer requirements, and soon City® litter bins filled the public areas of the capital of Finland – as they still do and later also in many other cities.

The product range were soon expanded with new litter bin products combined

with good design and durable functionality. In 1995 the name FinBin® was launched when the first litter bin products were delivered to international markets. Since that the FinBin® litter bin products can be found in many locations in Europe, Middle-East and North-America. Today the FinBin brand represents Lehtovuori Oy's products for export internationally markets including also other products for urban furnishing: benches, bicycle storing, shelters etc.

The FinBin® continues its success in many markets and the same passion drives the creation of new models. Details matter: visual and environmental values, ergonomics, economy and user friendliness are all taken into account and result in optimal material and form choices.



A stronger, lighter and
more sustainable world

HIGH QUALITY

OWN MODERN FACTORY

FinBin® is a brand of company Lehtovuori Oy. Our own, unique factory sets us apart, equipped with modern production machinery which includes, laser cutting, bending and brake presses, robotic & hand-welding and automated powder-coating line.

WHAT MAKES OUR BINS EXCEPTIONALLY DURABLE?

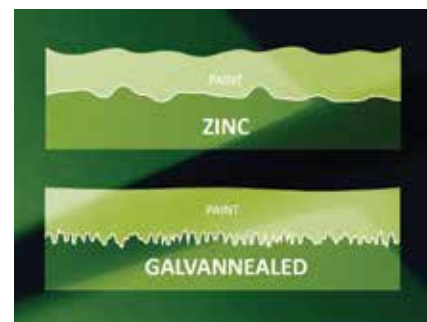
We use only internationally stanrdized steel grades. Our powder-coated bins for outdoor use are made using galvanized steel which drastically improves durability in comparison to galvanised steel, adding extra resistance

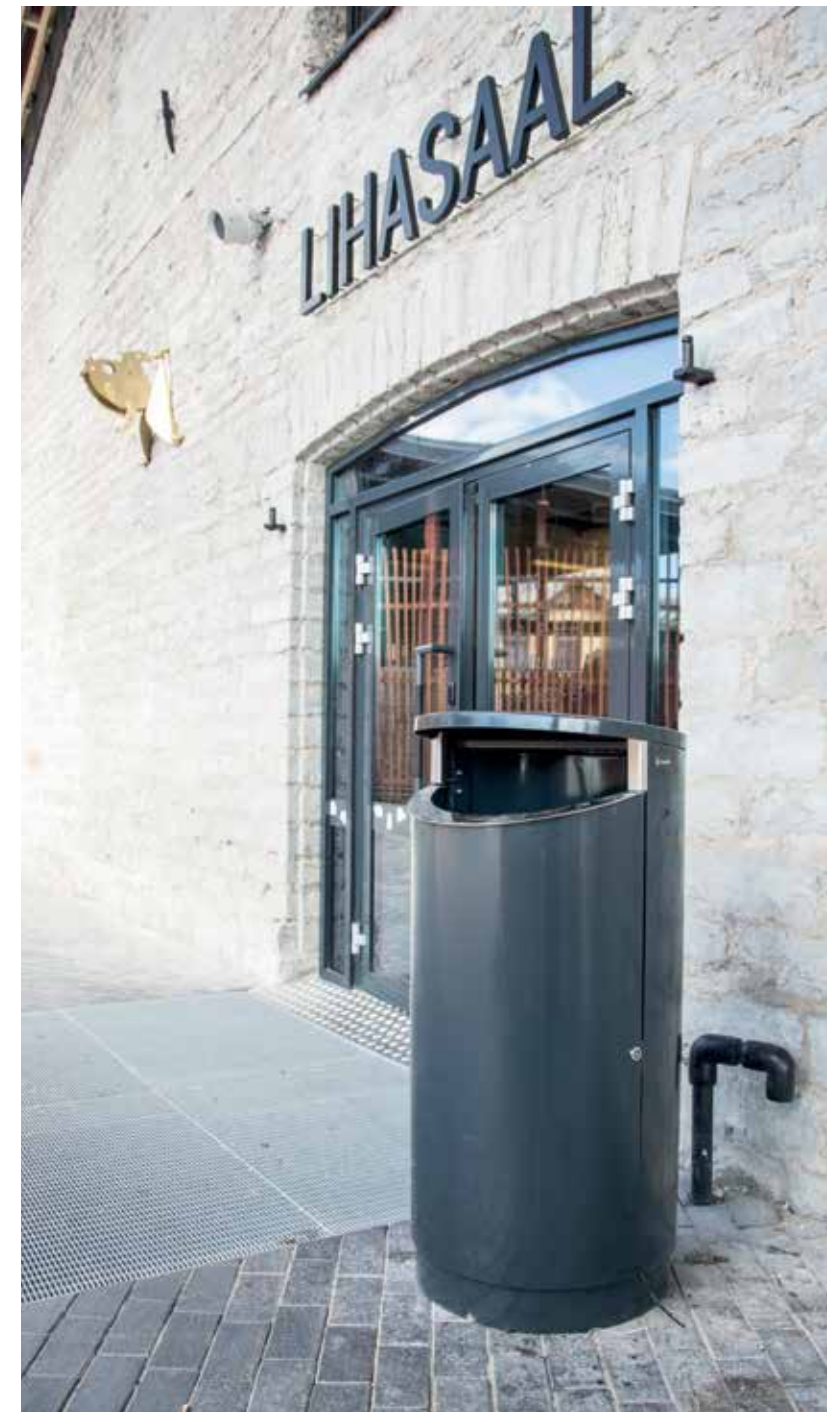
to weathering, sometimes adding decades to the product life cycle. The metal is bathed in a molten zinc bath and then processed through air knives. When heated at 500-565 degrees, the zinc causes a diffusion process which creates this unique surface.

When used in production this rough surface is perfect for manufacturing outdoor products because when painted, the microscopic crevices accept and hold paint better and produces high-quality painting results compared to galvanised steel. This unique surface gives FinBin® the competitive edge as it is perfect for painting, the paint is embedded into the deep crevices giving them the best possible finish making them more attractive. This also gives the bins their elongated product life spam as they become super resistance against corrosion and rust.

IMPROVED COMPETITIVE ADVANTAGE WITH GALVANNEALED

- A stronger product with less material
- Very good corrosion resistance
- Excellent paintability





OUTDOOR LITTER BINS

WE KEEP YOUR ENVIRONMENT CLEAN

Looking for something exquisite? Elegant FINBIN® litter bins enhance the environment and reduce littering with their discreet Nordic design. These timeless and durable bins are ideal for demanding surroundings where safety and recycling matter. Designed for both outdoor and indoor use, the FinBin range

provides the right choice for parks, streets and recreation grounds as well as for offices, passenger terminals, shopping malls and other public buildings. Different sizes, fastening options and generous selection of colours offer unlimited opportunities to furnish your environment.



CITYSOLAR & CITYPACK

CitySolar and CityPack are next-generation products for the collection of waste materials in an urban environment, one in which a large collection capacity is required on streets and in parks. CitySolar and CityPack reduces the number of required maintenance services, saves the environment and increases the cost effectiveness of emptying activities, by decreasing the required frequency of emptying.

CitySolar and CityPack equipment are ideally applicable for general waste management logistics, as the 240 litre wheeled waste containers, which are used as the inner containers of the collection equipment, can be emptied directly into the container of a waste truck or another vehicle fitted with a container tipping device.

The layout of the CitySolar and CityPack equipment can be customized, according to the environment, through the use of different colors. In addition, it is also possible to use different materials on the side panels, or even print images or textures for the panels.

CitySolar is suitable for locations where a large volume of material is collected and there is a desire to reduce the frequency of emptying. CitySolar is equipped with a solar-powered compaction unit,

which compacts the material collected in the inner container, and thus the collection capacity can be utilized effectively. The frequency of emptying can be reduced, on a number of cases, even by 80-90%. CitySolar measures the filling level of the inner container. Signal lights in the front panel of the bin indicate the filling level and when the bin needs to be emptied. Alternatively the CitySolar can be connected to Finbin@Care cloud service which provides an online platform for maintenance and management. Map based Finbin@Care cloud service shows the location info and status of the collection equipment, provides basic data for statistics and sends automatic notifications by email for the responsible service provider when the bin needs to be emptied.

CityPack is suitable for city street and parks, where a high collection capacity is required, but the compaction of the waste is not necessary, or the collection of sorted waste material, which does not need to be compacted. E.g. newspapers.

The aperture can be equipped with recycling mask to guide the recycling. CityPack can be equipped with a fill-level sensor and connected to the Finbin@Care cloud service.

Saves on emptying costs

Reduces the need for maintenance services

Keeps the environment tidy



Compaction



Less emptying



Solar-powered



Cloud service



ORIGINAL DESIGN BY YRJÖ OJANEN



DIMENSIONS



CAPACITY



APERTURE



WEIGHT



MATERIAL



MATERIAL THICKNESS

CITYSOLAR	1440*750*890 mm	standard 240 liter 2-wheel plastic container DIN EN 840	380*200 mm	150 kg	Aluminium, powder coated galvanized steel and stainless steel	Varies
CITYPACK	1440*750*890 mm	standard 240 liter 2-wheel plastic container DIN EN 840	380*200 mm	72 kg	Aluminium, powder coated galvanized steel and stainless steel	Varies

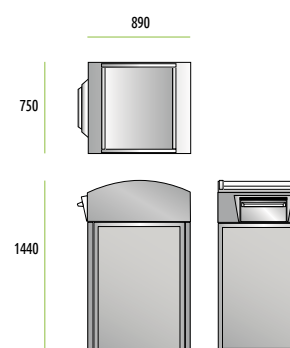
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STANDARD COLOURS
all RAL colours available



Metallic black
structure



KEY REFERENCES

- City of Solna (Sweden)
- City of Nora (Sweden)
- City of Helsinki (Finland)
- City of Hanko (Finland)
- City of Porvoo (Finland)
- Korkeasaari Zoo (Finland)

Modern
functionality

NOVUS

The Finbin® Novus litter bin serie is a stylish solution for any environment: for streets, parks, commercial facilities, indoors and outdoors. Four sizes of Novus litter bins, different fixture options and colour options makes it really flexible litter bin serie.

Novus 50, 80, 80 two-sided, 120, 200 and 200 two-sided models. The basic Novus bins can be equipped with a side ashtray tube. Integrated ashtray is available for one- and two-sided Novus 80 and 200. Available in stainless steel or powder coated galvanized steel.

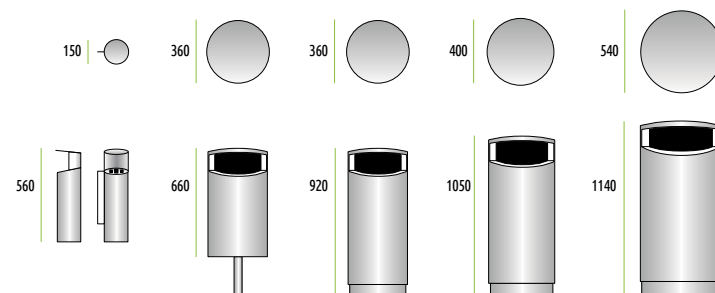
A solid body and a hinged door with a lock in basic models. Galvanized liner inside the bin. Sloped and convex top drains water away and prevent users from leaving waste on top of the bin.

ORIGINAL DESIGN BY YRJÖ OJANEN	DIMENSIONS	CAPACITY	APERTURE	WEIGHT	MATERIAL	MATERIAL THICKNESS
NOVUS 50	660*360 mm	50 l liner 35 l	290*140 mm	20 kg	galvanized steel and sst EN1.4301	2 mm
NOVUS 80 NOVUS 80 2-sided	920*360 mm 920*360 mm	80 l liner 50 l	290*140 mm	25 kg	galvanized steel and sst EN1.4301	2 mm
NOVUS 120	1050*400 mm	120 l liner 80 l	330*150 mm	32 kg	galvanized steel and sst EN1.4301	2 mm
NOVUS 200 NOVUS 200 2-sided	1150*550 mm 1170*550 mm	200 l liner 150 l	480*170 mm	58 kg	galvanized steel and sst EN1.4301	2 mm
NOVUS COMBI Ashtray	560*150 mm	6 l	75*25 mm	4 kg	galvanized steel and sst EN1.4301	1,25 mm

STANDARD COLOURS
all RAL colours available

Stainless steel
Metallic black structure
RAL 6005
RAL 6009
RAL 9005
RAL 9006
DB703 structure

All rights for changes reserved



KEY REFERENCES

- Tallinn main railway station (Estonia)
- City of Helsinki (Finland)
- Stockholm metropolitan area (Sweden)





Contemporary
design



UNIQUE

Thanks to their contemporary design, the Unique Series bins are the right choice for even the most demanding surroundings.







The standard material is stainless steel, which gives a distinguished appearance and durability – but if needed, a Unique bin can be supplied in galvanized powder coated steel.

Unique Series bins can be equipped with a recycling mask for the selective


collection of different waste fractions: e.g. paper and PET bottles.


The round shape makes Unique vandal proof and its well-planned details ensure easy use. The shape of the lid provides good protection against the rain and animals. The front door is locked and hinged.


Volcano ashtray is available with integrated litter bin. Waste aperture on the side of the bin.


	 DIMENSIONS	 CAPACITY	 APERTURE	 WEIGHT	 MATERIAL	 MATERIAL THICKNESS
UNIQUE 100	1050*400 mm	liner 56 l	260*140 mm	35 kg	galvanized steel and sst EN1.4301	2 mm
UNIQUE 140	1090*450 mm	liner 91 l	300*140 mm	41 kg	galvanized steel and sst EN1.4301	2 mm
VOLCANO ASHTRAY WITH AN INTEGRATED ASHTRAY	790*315 mm	ashtray 15 l litter bin 24 l	235*135mm	19 kg	sst EN1.4301	2 mm


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 STANDARD COLOURS
all RAL colours available


 Stainless steel


 Metallic black structure

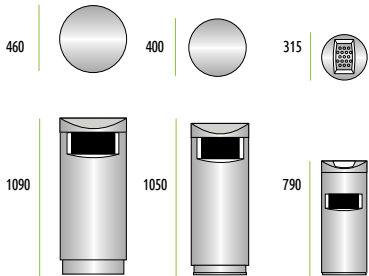
 RAL 6005

 RAL 6009

 RAL 9005

 RAL 9006

 DB703 structure



KEY REFERENCES

- Zurich Airport (Switzerland)
- Pluscity shopping center (Austria)
- Airports of Moscow (Russia)
- Gull petrol stations (New Zealand)
- Frankfurt am Main (Germany)
- City of St. Moritz (Switzerland)

Award winner
design



ELLIPSE

The shape of Ellipse represents the most innovative design in the FinBin® Litter Bin Series – and the most FinBin® fastening alternatives can be used! This award-winner was designed by Max Bruun.

The precisely measured shape and size of the aperture keeps the rain and birds out. The hinged door opens sideways, at the same time removing the top providing free access for maintenance.

Ellipse 60 and 100 can be equipped with a cigarette disposal unit. The ashtray is placed on top of the litter bin for easy access. The ash container is made in stainless steel and can be emptied by opening the front door and unhooking the container from its hook.

Solid and durable, Ellipse bins are supplied in stainless steel or powder coated galvanized steel.

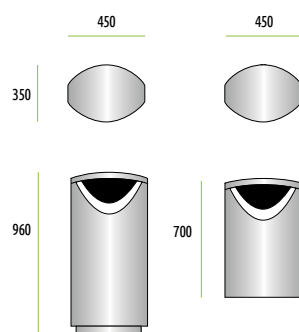


ORIGINAL DESIGN BY MAX BRUUN	DIMENSIONS	CAPACITY	APERTURE	WEIGHT	MATERIAL	MATERIAL THICKNESS
ELLIPSE 60	700*450*350 mm	liner 40 l	300*140 mm	20 kg	galvanized steel and sst EN1.4301	2 mm
ELLIPSE 100	960*450*350 mm	liner 56 l	300*140 mm	31 kg	galvanized steel and sst EN1.4301	2 mm

STANDARD COLOURS
all RAL colours available

Stainless steel Metallic black structure

All rights for changes reserved



KEY REFERENCES

- Dubai Metro (United Arab Emirates)
- Manchester Metrolink (United Kingdom)
- City of Amsterdam (The Netherlands)
- City of Amiens (France)



Timeless Scandinavian,
functional design.



CITY®

FinBin City® Series was designed by Hannu Kähönen for the City of Helsinki, Finland. FinBin® Products brought its expertise to the project as a manufacturer of the litter bin products. The product planning was based on studies carried out on how to empty a litter bin easily, safely and efficiently. At the same time, special attettion was paid to developing the product's strength against vandalism and other mechanical stress.

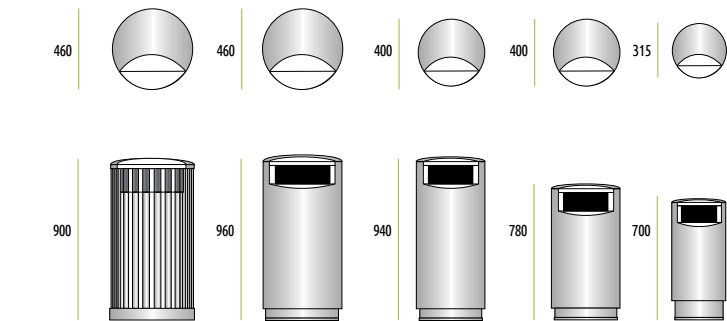
The timeless design of the FinBin® City Series fits into any surrounding. Its numerous sizes, fastening options, as well as the wide selection of colours offer an abundance of opportunities

to build a uniform look that can be repeated where necessary. Products are supplied in stainless steel or powder coated galvanealed steel.

The precisely measured shape and size of the aperture makes it easy to use and keeps the rain and birds out. The front door is hinged and locked. Inside, there is a galvanised steel liner that is easy and safe to empty.

An eye-catcher model City Castle is easy to approach and helps to keep the surroundings clean. The structure is both sophisticated and vandal proof.

All City Series litter bins except, City Castle can be equipped with an integrated ashtray or a side ashtray tube.



KEY REFERENCES

- City of Bilbao (Spain)
- City of Malmö (Sweden)
- English Garden (Munich)
- City of Helsinki (Finland)

STANDARD COLOURS
all RAL colours available

Stainless steel

Metallic black structure

RAL 6005

RAL 6009

RAL 9005

RAL 9006

DB703 structure



ORIGINAL DESIGN BY HANNU KÄHÖNEN



DIMENSIONS



CAPACITY



APERTURE



WEIGHT



MATERIAL



MATERIAL THICKNESS

	DIMENSIONS	CAPACITY	APERTURE	WEIGHT	MATERIAL	MATERIAL THICKNESS
CITY 30	580*315 mm	22 l / with an integrated ashtray 16 l	200*100 mm	13 kg	galvannealed steel and sst EN1.4301	2 mm
CITY 60 (CITY DOGGY)	700*400 mm	50 l / with an integrated ashtray 35 l	260*120 mm	26,5 kg (28 kg)	galvannealed steel and sst EN1.4301	2 mm
CITY 100	940*400 mm	62 l / with an integrated ashtray 47 l	260*120 mm	33 kg	galvannealed steel and sst EN1.4301	2 mm
CITY 140	960*460 mm	91 l / with an integrated ashtray 80 l	300*120 mm	38,5 kg	galvannealed steel and sst EN1.4301	2 mm
CITY CASTLE	900*460 mm	72 l	300*120 mm	35 kg	galvannealed steel and sst EN1.4301	1,5 / 5 mm
COMBI ASHTRAY	470*125 mm	4,5 l	25*25 mm	4,5 kg	galvannealed steel and sst EN1.4301	1,25 mm

FINBIN®
FASTENING
ALTERNATIVES



Metal and concrete bases

Ground post

Wall fixture

Plate post



		METAL BASES						CONCRETE BASES				WALL FIXTURES		POSTS		CLAMPS	
Model		City 30 Metal base	Novus 50/80 Metal base	Metal base 60/100 -120	Metal base 140-160	Ellipse 60 Metal Base	Ellipse 100 Metal Base	City 30 Novus 50 Concrete	Novus 50/80 Concrete, SST cylinder	60/100 -120 Concrete, SST cylinder	140-200 Concrete, SST cylinder	100-140 Wall Fixture	30-80 Wall Fixture	30-80 HotBin Flange Post	30-80 Hotbin Ground Post	30-80 Hotbin Plate Post	30-80 Hotbin Clamps
Measurements		Ø 280 x h. 127 mm	Ø 340 x h. 100 mm	Ø 365 x h. 100 mm	Ø 430 x h. 100 mm	w. 445 x h. 253 x d. 330 mm	w. 445 x h. 86 x d. 330 mm	Ø 280 x h. 127 mm	Ø 340 x h. 100 mm	Ø 365 x h. 82 mm	Ø 530 x h. 100 mm	w. 169 x h. 790 x d. 26,6 mm	w. 169 x h. 365 x d. 27 mm	Ø 60/ 160 x h. 900 mm	Ø 60 x h. 1200 mm	Ø 60/ 450 x h. 900 mm	* 4
City Series	30	n						n						n	n	n	n
	60			n				n		n			n	n	n	n	n
	100			n						n		n					
	140				n						n	n					
	Combi 60			n				n		n			n	n	n	n	n
	Doggy			n				n		n			n	n	n	n	n
Ellipse Series	Hotbin							n					n	n	n	n	n
	60					n		n					n	n	n	n	n
	100						n					n					
Unique Series	100			n								n					
	140				n						n	n					
Novus Series	50		n					n	n				n	n	n	n	n
	80		n					n	n				n	n	n	n	n
	120			n						n							
	160				n						n						
	200				*1						n						

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*1 integrated metal base

*2 h. 47" *3 h. 67"

*4
Ø 60,3 mm
Ø 75-85 mm
Ø 108-120 mm
Ø 130-150 mm
Ø 155-168 mm
Ø 203-219 mm
Ø 315 mm



INDOOR LITTER BINS & RECYCLING BINS



FINBIN® AROUND THE WORLD

Installations in 40 countries around the world. e.g.
City of Bilbao (Spain), English Garden (Munich, Germany),
Dubai Metro (United Arab Emirates), Manchester Metrolink
(United Kingdom), Frankfurt am Main (Germany),
City of Amsterdam (The Netherlands), City of Amiens
(France), Zurich Airport (Switzerland), Gull petrol stations
(New Zealand), Airports of Moscow (Russia)





Bermuda is a perfect example of the FinBin® classic litter bin design.

BERMUDA

This superior design is both functional and easy to use and is a perfect example of the FinBin® classic litter bin design.

The Bermuda series has been specially designed for passenger terminals, retail facilities and hotels. It can be customised into a recycling bin with coloured aperture rim stickers to accommodate for different types of waste. It integrates sophisticated design with high level safety, holding a self-extinguishing structure inside.

The Bermudas are made from stainless steel or powder coated galvanised steel. The exterior can be in stainless steel, metallic black or can be powder coated (RAL) to match existing outside environment.

The Bermuda bins have already been installed for example in dozens of international airports.



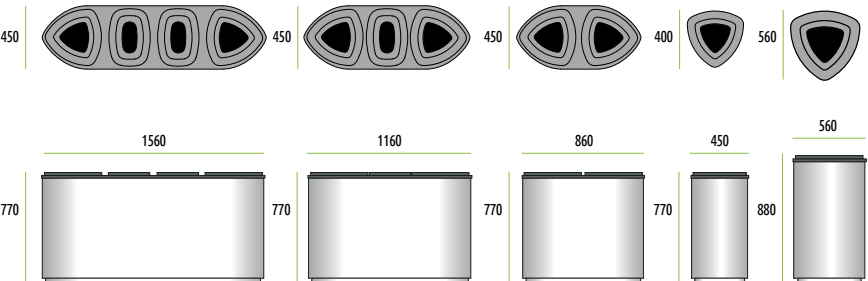
ORIGINAL DESIGN BY YRJÖ OJANEN	DIMENSIONS	CAPACITY	APERTURE	WEIGHT	MATERIAL	MATERIAL THICKNESS
BERMUDA 80	400*400*760 mm	80 l, Bag frame for 150 l refuse bag	200*200 mm	13 kg	powder coated galvanised steel and sst EN1.4016	1,25 mm
BERMUDA DOUBLE	860*450*770 mm	2*100 l, Bag frame for 150 l refuse bag	200*200 mm 210*100 mm	29 kg	powder coated galvanised steel and sst EN1.4016	1,25 mm
BERMUDA TRIPLE	1160*450*770 mm	3*100 l, Bag frame for 150 l refuse bag	200*200 mm 210*100 mm	53 kg	powder coated galvanised steel and sst EN1.4016	1,25 mm
BERMUDA QUAD	1560*450*770 mm	4*100 l, Bag frame for 150 l refuse bag	200*200 mm 210*100 mm	66 kg	powder coated galvanised steel and sst EN1.4016	1,25 mm
BERMUDA JUMBO	560*560*880 mm	200 l, Bag frame for 200 l refuse bag	300*300 mm	21 kg	powder coated galvanised steel and sst EN1.4016	1,25 mm

STANDARD COLOURS
all RAL colours available

Stainless steel

Metallic black structure

All rights for changes reserved



- KEY REFERENCES**
international airports
- Washington DC (USA)
 - Islamabad (Pakistan)
 - Astana (Kazakhstan)
 - Luton (England)
 - Helsinki (Finland)

EDGE

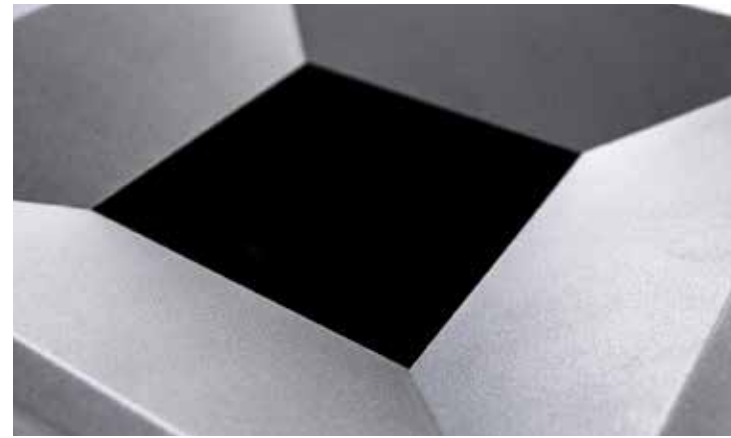
The timeless design of the Edge series is both simple and stylish and it fits into various surroundings. Edge can be found from modern environments, but also from classical places like museums. The flexible modular system offers a practical solution and a recycling station for any need.

Edge bins are available with different recycling lids, and several bins in a row form a uniform recycling station. Additional recycling labels are also available. Standard colour options of the bins are the combination of stainless steel (EN 1.4016) body and metallic black base and lid, or

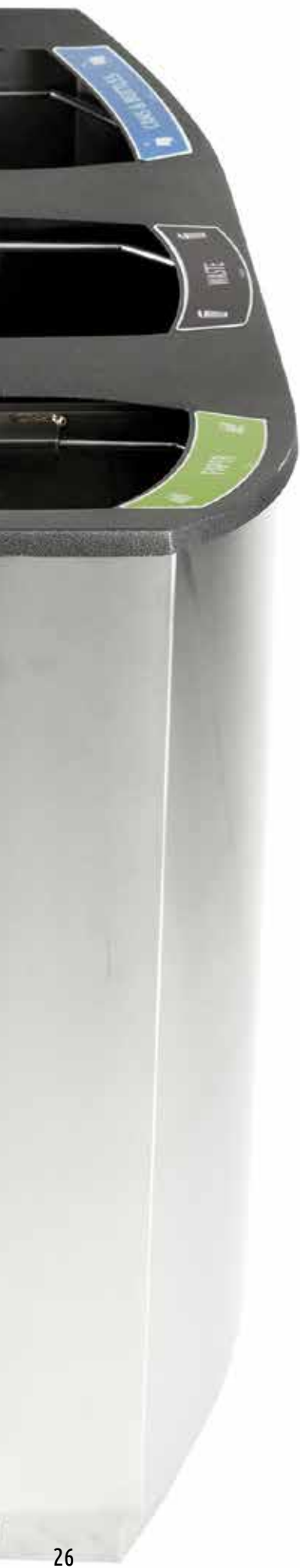
fully powder coated bin in metallic black colour. The metallic black powder coating is with a structured finishing. The Edge bin can be customized by different colours. Hinged lid and pivoted sack holder rim. Capacity of 100 l. Lid for general waste with self-extinguishing structure.

	ORIGINAL DESIGN BY HENRI SYDÄNHEIMO					
						
	DIMENSIONS	CAPACITY	APERTURE	WEIGHT	MATERIAL	MATERIAL THICKNESS
EDGE	380*380*780 mm	100 l, Bag frame for 100-150 l refuse bag	160*160 mm	15 kg	powder coated galvanised steel and sst EN1.4016	1,25 mm
All rights for changes reserved						
	STANDARD COLOURS all RAL colours available					
		Stainless steel				
		Metallic black structure				

Edge design is simple but stylish.



- KEY REFERENCES
- Tallinn Railway Station (Estonia)
 - Tallink-Silja Ferries (Estonia)
 - Cancer institute Verbeeten (The Netherlands)
 - PLC Mega shopping center (Lithuania)



Wave was originally designed for passenger terminals. The design represents movement.

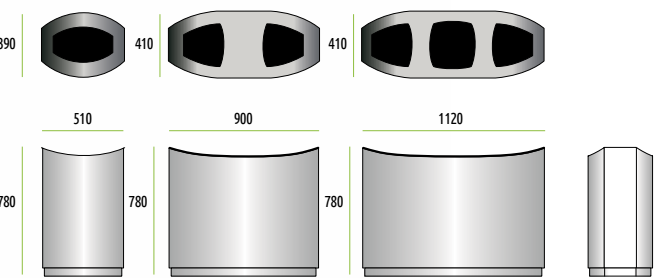
WAVE

The Finbin® Wave series is a stylish recycling bin collection, which fits many surroundings: shopping malls, airports and terminals, fairgrounds etc. Wave series has been designed for the collection of different waste fractions in public premises. The bins can be equipped with customized labels to guide the recycling.

Wave series are open top bins, which can

also be equipped with arched covers. The Wave is available in materials suitable for outdoor and indoor use. Standard colours are powder coated metallic black (both body and top) and stainless steel body with metallic black top.








The main lid is hinged, which allows easy access for maintenance. Bins are equipped with pivoted bag frames.




KEY REFERENCES


- Kansas City Airport (USA)
- Minneapolis Royal Golf Club (USA)
- Gallerian Shopping Center (Sweden)




	ORIGINAL DESIGN BY HENRI SYDÄNHEIMO					
						
DIMENSIONS		CAPACITY	APERTURE	WEIGHT	MATERIAL	MATERIAL THICKNESS
WAVE	510*390*780 mm	100 l, Bag frame for 100-150 l refuse bag	360*200 mm	21 kg	powder coated galvanised steel and sst EN1.4016	2 mm / 1,25 mm
WAVE DOUBLE	900*410*780 mm	2*100 l, Bag frame for 100-150 l refuse bag	270*260 mm	30 kg	powder coated galvanised steel and sst EN1.4016	2 mm / 1,25 mm
WAVE TRIPLE	1120*410*780 mm	3*100 l, Bag frame for 100-150 l refuse bag	240*260 mm	41 kg	powder coated galvanised steel and sst EN1.4016	2 mm / 1,25 mm

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 STANDARD COLOURS
all RAL colours available

 Stainless steel

 Metallic black structure



FURNISHING YOUR ENVIRONMENT SINCE 1945.

FINBIN[®]
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Designed and
manufactured
in Finland

