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SORTING OUT RECYCLABLES 07.2

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WASTE COLLECTION 07.1

WASTE COLLECTOR,
STAND MODEL



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WASTE COLLECTOR,
MOBILE



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WASTE COLLECTOR
CLAPPY



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CLOSED WASTE BINS



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SHARPS CONTAINERS
SEPTOBOX®



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WASTE BOXES halipac®



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WASTE COLLECTOR STATIONARY MODEL



! Model without casters

MS 155LT, DT 83

+ with foot pedal adjustment

Description:

- + seamless welded frame construction, stainless steel
- + waste collector made of stainless steel tube, Ø 20 mm
- + including Hammerlit grip ring HR2000
- + including PE legs (non-marking)

MODEL	ORDER CODE	DIMENSIONS				ACCESSORY**	
		WIDTH mm	DEPTH* mm	HEIGHT mm	WEIGHT kg	BOTTOM PLATE (ABS)	LID (PAGE 76)
Base model	MS 155	438	457	950	3,8	PW 102	D 60 - D 68
Hinged lid	MS 155L	438	457	963	4,4	PW 102	DT 80 - DT 88
Foot pedal	MS 155LT	438	457	963	4,9	PW 102	DT 80 - DT 88
Lid damping	MS 155LTD	438	457	963	5	PW 102	DT 80 - DT 88

*depth will increase with 25 mm in case of base model lid and with 35 mm in case of hinged lid or foot pedal lid

** please order separate & indicate colour

LID TYPE	ORDER CODE							
	WHITE	GREEN	BLUE	RED	YELLOW	BROWN	GREY	BLACK
Lid with integrated hinge top part (465 x 295 mm)	DT 80	DT 81	DT 82	DT 83	DT 84	DT 85	DT 87	DT 88
Lid with integrated holding hook (430 x 320 mm)	D 60	D 61	D 62	D 63	D 64	D 65	D 67	D 68

WASTE COLLECTORS, MOBILE



MS 265LT, DT 80+80

- Seamless welded frame construction
- 20 mm stainless steel tube construction
- Equipped with hinge to connect lid DT 80 - 88
- Equipped with Hammerlit grip ring HR 2000
- Bottom plate, material ABS
- 4 swivel casters, Ø 75 mm, with precision ball bearing, light gray rubber profile, wheels with threadguards and caster housing zinc-chromated

// OPTIONAL ACCESSORIES

- + Lid with polymer hinge DT 80 - DT 88 (removable without tools)
- + Lid with polymer hinge DT 80 - DT 88 in combination with pedal mechanism LT
- + Lid with polymer hinge DT 80 - DT 88 in combination with pedal mechanism LT and lid damping LTD
- + 4 swivel casters, 2 with brake LS 075GKS 01
- + Conductive casters LL 075AKS 01
- + Caster housing stainless steel LL 075THE 01
- + Bumpers SSG31
- + Stainless steel hooks HAKEN



MS 165LT, DT 80



MS 265LT, DT 87+80



MS 365LT, DT 83+80+81



MS 465LT, DT 82+83+80+87

NO. OF GRIP RINGS	1	2	3	4	LIDS (PAGE 76)
Hinged model	MS 165L	MS 265L	MS 365L	MS 465L	DT 80 - DT 88
With pedal mechanism	MS 165LT	MS 265LT	MS 365LT	MS 465LT	DT 80 - DT 88
With lid damping	MS 165LTD	MS 265LTD	MS 365LTD	MS 465LTD	DT 80 - DT 88
Width, mm	410	670	1000	1335	
Depth, mm	480*	480*	480*	480*	
Height, mm	950	950	950	950	
Weight, kg	6	8.5	11	13	

*Models equipped with pedal mechanism have an additional depth of 15 mm.

PUSH HANDLE WASTE COLLECTORS, MOBILE



MS 295LT, DT 80+80

- Seamless welded frame construction
- 22 mm stainless steel tube construction
- Equipped with hinge to connect lid DT 80 - 88
- Equipped with Hammerlit grip ring HR 2000
- Bottom plate, material ABS
- Bumpers **SP32**
- Stainless steel hooks **HAKEN**
- 4 swivel casters, 2 with brake, Ø 75 mm, with precision ball bearing, light gray rubber profile, wheels with threadguards and caster housing zinc-chromated

// OPTIONAL ACCESSORIES

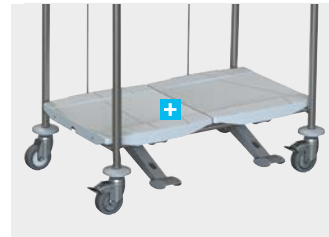
- + Lid with polymer hinge **DT 80 - DT 88** (removable without tools)
- + Lid with polymer hinge **DT 80 - DT 88** in combination with pedal mechanism **LT**
- + Lid with polymer hinge **DT 80 - DT 88** in combination with pedal mechanism **LT** and lid damping **LTD**
- + Conductive casters **LS075AKS05**
- + Caster housing stainless steel **LS 075THE 05**



MS 195LT, DT 83



MS 295LT, DT 82+80



+ Bottom plate



MS 395LT, DT 84+82+83



MS 495LT, DT 83+82+81+80

„Waste sorting at a high level!“

NO. OF GRIP RINGS	1	2	3	4	LID (PAGE 76)
Hinged model	MS 195L	MS 295L	MS 395L	MS 495L	DT 80 - DT 88
With pedal mechanism	MS 195LT	MS 295LT	MS 395LT	MS 495LT	DT 80 - DT 88
With lid damping	MS 195LTD	MS 295LTD	MS 395LTD	MS 495LTD	DT 80 - DT 88
Width, mm	490	750	1085	1420	
Depth, mm	500*	500*	500*	500*	
Height, mm	950	950	950	950	
Weight, kg	7,5	10	12,5	13,5	

*Models equipped with pedal mechanism have an additional depth of 15 mm.

SPRING SHUT WASTE COLLECTOR CLAPPY, STAINLESS STEEL

The "Clappy"-waste collector is completely different from other waste collectors. Although it has no lid, it is always closed.



MS 73-03 KF



Wire loops **MS 03** are used to secure the waste sacks and are fastened with the drill-twister hand-tool.



+ Fixing clamp **MSZ 1**
(1 set = 2 pieces)



+ Drill-twister **MS 02K**



+ Automatic brake



+ Included with bottom plate, light gray, plastic, (shock-resistant ABS)



+ With an additional locking device the collector is fixed in an open position

WALL MOUNTED CLAPPY

This version of the **spring shut collector** was created especially for wall mount applications. The carrier can be opened by means of the handle or pedal. The frame is made of stainless steel, it's sturdy, easy to clean and disinfect.



// TECHNICAL DESCRIPTION

- + **Frame** Stainless steel, seamless welded
- + **Bottom plate** (ABS)
- + **Casters** Ø 75 mm, precision ball bearing with gray non-marking rubber tread
- + **Caster housing** Zinc-chromated

! Collectors to be supplied with fixing clamp, please add therefore **KF** to the order code.

MODEL	70 LITER	70 LITER	40 LITER	40 LITER	2 x 70 LITER	2 x 40 LITER	30 LITER
4 swivel casters, brake		MS 73		MS 43			
4 swivel casters, brake, with locking device		MS 73-01		MS 43-01			
4 swivel casters, brake, with drill-twister		MS 73-02		MS 43-02			
4 swivel casters, brake, with locking device and drill-twister		MS 73-03		MS 43-03			
4 casters, brake, push handle		MS 73H		MS 43H	MS 732		MS 432
4 casters, brake, push handle, with locking device		MS 73H-01		MS 43H-01	MS 732-01		MS 432-01
4 casters, brake, push handle, with drill-twister		MS 73H-02		MS 43H-02	MS 732-02		MS 432-02
4 casters, brake, push handle, with locking device and drill-twister		MS 73H-03		MS 43H-03	MS 732-03		MS 432-03
2 swivel casters, 2 feet		MS 75		MS 45			MS 35
4 feet							MS 36
4 feet with drill-twister							MS 36-02
2 swivel casters, 2 feet, with drill-twister		MS 75-02		MS 45-02			
4 casters, 2 with brake		MS 71		MS 41			
4 casters, 2 with brake and drill-twister		MS 71-02		MS 41-02			
Wall-mounted model	MS 72		MS 42				
Wall-mounted model with drill-twister	MS 72-02		MS 42-02				
Width (mm)	585	585	540	585	1195	1195	450
Depth (mm)	340	490	340	490	490	490	350
Height (mm)	910	975	780	825	975	825	470
Weight (kg)	7,5	7,5	6,5	6,5	15	13	3
Grip ring (Width)	578	578	503	503	578	578	450

SPRING SHUT WASTE COLLECTORS CLAPPY, STAINLESS STEEL

2 SWIVEL CASTERS, Ø 75 MM, 2 LEGS



MS 75



MS 45

// OPTIONAL ACCESSORIES

+ Push handle for Clappy and Fixing clamp



+ Push handle for clappy (see also page 136)



+ Fixing clamp

4 LEGS



MS 36

4 SWIVEL CASTERS, Ø 75 MM, AUTOMATIC BRAKE



MS 43



MS 73



MS 732

4 SWIVEL CASTERS, 2 WITH BRAKE, Ø 75 MM



MS 41



MS 71



MS 712



CLOSED WASTE BINS , POWDER COATED STEEL

These waste bins combine efficiency and sturdiness in one esthetic design. They are available in **coated steel and stainless steel**.

Models MSD 107 and MSD 112 are equipped with 2 wheels at the front for **easy moving** when tilted. MSD 104 is only available as a standing model.

The pedal mechanism with **integrated noise reducing lid** damping allows easy and dirt free operation of the lid.

As the inserts are seamless and **tapered**, full bags cannot get jammed in any way. This allows easy removal.

The **flexible stainless steel back** allows bags to be fixed and above all removed with ease. This and the tapered shape of the insert considerably reduces the risk of damaging the bag during removal.

A tapered **stainless steel** insert is available for all three sizes. The sturdy construction of these waste bins, with stainless steel foot pedals, ensures durable, trouble-free usage even when subjected to a maximum of strain.



Housing RAL 7035 light gray + lid powder-coated, DB703 anthracite gray metallic

WIDTH mm	DEPTH mm	HEIGHT mm	HEIGHT OPEN mm	WHEEL Ø mm	WEIGHT kg	SIZE OF BAGS mm	CAPACITY l	ORDER CODE WITHOUT INSERT	ORDER CODE WITH INSERT
317	382	628	860		7	500 x 800	40	MSD 104P	MSD 104P/E 104
370	415	840	1120	75	10,5	575 x 1000	70	MSD 107P	MSD 107P/E 107
370	515	970	1330	75	13,5	700 x 1100	120	MSD 112P	MSD 112P/E 112

CLOSED WASTE BINS, STAINLESS STEEL



These bins are constructed in the same way as mentioned on page 138 including noise reducing lid damping system.

The outer shell and the inserts are made of high quality stainless steel which makes them resistant to cleaning detergents, solvents and disinfectants.

WIDTH mm	DEPTH mm	HEIGHT mm	HEIGHT OPEN mm	WHEEL Ø mm	WEIGHT kg	SIZE OF BAGS mm	CAPACITY l	ORDER CODE WITHOUT INSERT	ORDER CODE WITH INSERT
320	385	620	860		7,3	500 x 800	40	MSED 104	MSED 104/E 104
370	415	840	1120	75	10,6	575 x 1000	70	MSED 107	MSED 107/E 107
370	515	970	1330	75	13,5	700 x 1100	120	MSED 112	MSED 112/E 112



STEP-ON TRASH CANS

These step-on trash cans have the following features:

- Sturdy sheet metal, coated or non-rusting chrome steel
- Stable pedal rod and pedal construction
- Durable, fire-retardant, galvanized insert - Exception: 5l models with plastic inner bin
- Soft-close lid and smooth-running pedal construction



STEP-ON TRASH CANS

Capacity (l)	5	12	20	30
Height (mm)	290	400	450	680
Height, open (mm)	480	640	750	980
Diameter (mm)	200	250	290	290
Depth (mm)	280	350	400	400
Weight (kg)	1,5	2,5	3,6	5,8
STURDY SHEET METAL, COATED (WHITE)	TE 105 NI K*	TE 112 NI	TE 120 NI	TE 130 NI
NON-RUSTING CHROME STEEL	TE 105 E NI K*	TE 112 E NI	TE 120 E NI	TE 130 E NI

* plastic inner bin



SECURITY CONTAINER Multi-Safe vario 2000

For the collection of all kinds of small disposable waste.
The **Multi-Safe vario 2000** have the following features:

- The empty Multi-Safe vario 2000 can be stacked compactly to save storage space
- Equipped with grip and clearly marked filling level
- **Multi-Safe vario 2000** meets the requirements of TRBA 250, DIN EN ISO 23907 and UN3291

CAPACITY l	WIDTH mm	DEPTH mm	HEIGHT mm	PACKING UNIT* QUANTITY	MATERIAL	ORDER CODE
2,0	240	95	140	50	PP	MB 2000S

SHARPS CONTAINERS MULTI-SAFE TWIN PLUS SERIES



The waste bins from the **Multi-Safe twin plus series** are used as a safety box for the disposal of syringes, cannulas, scalpels, blood pipettes etc.

The **double closure** offers special protection:
The Multi-Safe twin plus series comes with a day cap (red lid) that allows the box to open and close again and again.
If the box is full, the red lid is simply closed and comes through. A strong pressure is pressed into the red lid and the yellow pull cord is twisted off. A subsequent opening is then no longer possible; the full container is safe to use
Transport closed. All waste containers comply with TRBA 250 and DIN EN ISO 23907.

ADHESIVE ADAPTER FOR WASTE CONTAINER

MB 3AD

The lid includes a scraping plate with various pulling and unscrewing devices integrated, allowing for the removal of needles and unscrewing of vacuum tubes, among other tasks. The waste containers of the Multi-Safe twin plus series are equipped with an adapter recess. This allows these boxes to be securely and impact-resistant attached to any smooth surface using a glue adapter.

Ø LID mm	Ø BOTTOM mm	HEIGHT mm	VOLUME	MATERIAL	PACKING UNIT/ QUANTITY	ORDER CODE
89	89	162	ca. 0,5	Polypropylen	126	MB 305S *
179 x 176	112	125	ca. 1,5	Polypropylen	94	MB 315S *
179 x 176	112	161	ca. 2,0	Polypropylen	80	MB 320S
179 x 176	112	197	ca. 2,5	Polypropylen	70	MB 325S
230	190	190	ca. 6,0	Polypropylen	40	MB 360S *

* besides TRBA 250 and DIN EN ISO 23907 also UN-approved



WASTE CONTAINER MULTI-SAFE TWIN PLUS 500

For the disposal of sharp and pointed objects of any kind (disposable syringes, needles, scalpels,...). With innovative daily and final closure by one-handed operation. Integrated stamp in the lid for safe disconnection of the insulin pen when closing and easy handling during lid assembly. Directly integrated label in 9 languages - custom label solutions are also possible. The label, with its new design, provides a clear fill level indicator, and the operating instructions can be accessed online via a QR code.



SHARPS CONTAINERS SEPTOBOX®SAFE

The sharps container **Septobox®SAFE** is a stronger version of the **Septobox®S** and UN-certified. All boxes can be fixed safely with the table adapter **MB3AD**.

// TECHNICAL DESCRIPTION

- + The lid opening can be extended step by step by breaking out the flaps, and so the lid opening has a variable use (except models MB 302SAFE and MB 307SAFE)
- + The minimum thickness of material at each spot (box and lid) is 1.7 mm
- + **Septobox®SAFE** meets the requirements of TRBA 250 and DIN EN ISO 23907

CAPACITY l	PACKING UNIT/ QUANTITY	MATERIAL	ORDER CODE
0,2	110	PP	MB302SAFE
0,7	170	PP	MB307SAFE
1,6	110	PP	MB316SAFE
2,0	80	PP	MB320SAFE
3,1	50	PP	MB331SAFE



SHARPS CONTAINERS SEPTOBOX®SAFE EUROMATIC

Septobox®Euromatic is ideal for the collection of small waste like disposable pipettes, blood tubes, scalpels, used cannulae, disposable syringes and broken glass.

One-Hand-Operation: lid opens automatically with one finger tip. For daily use it can be opened and closed for each disposal. All boxes can be fixed safely with the table adapter **MB3AD**.

// TECHNICAL DESCRIPTION

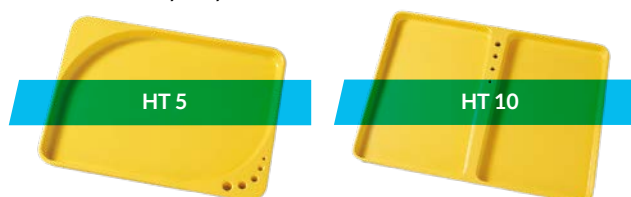
- + Grip on the side
- + Minimum material thickness 1.7 mm at each spot (box and lid)
- + Final closure is visible when top grip is in upright position
- + **Septobox®SAFE Euromatic** meets the requirements of TRBA 250, DIN EN ISO 23907 and UN

CAPACITY l	PACKING UNIT/ QUANTITY	MATERIAL	ORDER CODE
3,3	55	PP	MB330SAFEEM
4,4	50	PP	MB340SAFEEM
6,0	40	PP	MB360SAFEEM
7,0	34	PP	MB370SAFEEM

*PE = Packaging unit

SYRINGE SECURITY TRAY halitab®

Medical professionals are subject to the risk of incidents during and after injecting. **Reduce the risk of puncture injuries by using the halitab® security tray.**



DIMENSIONS			PACKING UNIT/ QUANTITY	ORDER CODE
WIDTH mm	DEPTH mm	HEIGHT mm		
260	190	21	10	HT 5
400	290	21	10	HT 10

After injection, the used needle is secured by placing it into the protective cap **by only using one hand.**

In this way the risk of injury is reduced during the injection process, and afterwards whilst disposing the used syringes.

// TECHNICAL DESCRIPTION

- + Material ABS
- + Color Yellow, RAL 1016
- + Surface Smooth and jointless

*PE = Packaging unit





WASTE BOX halipac®

According to the German directive of hospital hygiene infection prevention, hospital waste as part of **category AS180103 (previous category C)** has to be disinfected and burned.

Containing: Waste from neonatology, diagnostics, and treatment of human diseases. All sorts of waste, of which collection and disposal is special safety regulations related to infection prevention to be collected at the source in a humidity- and leak container, not able to be torn, and in a special for this designed safe packaging, without re-packing or sort transported to a central waste collection location.

halipac® is available in three models with different plastic liners:

- **HP 40** Normal polyethylene bag, suitable for **incineration** (gauge: 0.12 mm)
- **HP 41** Polypropylene bag, temperature-resistant, **for disinfection** in a vacuum steam sterilizer, in accordance with the disinfectant list of the BGA, German Health Authority (max. temp. 134° C, gauge: 0.08 mm) drawn in special cardboard (1200 g/m²)
- As **economic alternative** to halipac® HP 40 and HP 41 we recommend **HP 50** with 0.12 mm polyethylene liner inserted in a corrugated cardboard box. Compared to HP 40 and HP 41 halipac® **HP 50** doesn't reach the same high level of resistance against impact from outside moisture. The HP50 box is accredited for transport of clinical waste according to UN3291 and in compliance with the requirements of hazardous goods packaging corresponding to UN/ADR guidelines, chapter 5.1.

DIMENSIONS			CONTENT l	MATERIAL	SUITABLE FOR	WEIGHT kg	PACKING UNIT/ QUANTITY	ORDER CODE
WIDTH mm	DEPTH mm	HEIGHT mm						
300	300	500	40	Solid cardboard	Incineration	1.5	10	HP 40
300	300	500	40	Solid cardboard	Disinfection	1.5	10	HP 41
300	300	500	40	Corrugated cardboard	Incineration	0.8	10	HP 50

halipac® TROLLEYS



HP 40+HF 3LT+DT 64



HP 41+HF 2



HP 40+HF 3LT+DT 64

// TECHNICAL DESCRIPTION

- + halipac®-Trolley
Stainless steel
- + Casters 4 swivel casters, Ø 50 mm

// TECHNICAL DESCRIPTION

- + halipac®-Trolley incl. foot pedal mechanism
Stainless steel
- + Casters 4 swivel casters, Ø 75 mm

MODEL	DIMENSIONS			ORDER CODE
	WIDTH mm	DEPTH mm	HEIGHT mm	
Without pedal mechanism	325	315	585*	HF 2
With pedal mechanism	390	475	690**	HF 3LT
With pedal mechanism and lid damping	390	475	690**	HF 3LTD
Hinged lid				DT 60-68 (s. page 76)

*Height incl. halipac® **Height incl. lid and halipac®

SORTING OUT RECYCLABLES 07.2



CLOSED RECYCLING COLLECTORS



Page 144 ff.

CLOSED WASTE COLLECTORS WITH FOOT PEDAL LIDS



Page 147 ff.

RECYCLING BINS AND LIDS



Page 148

RECYCLING COLLECTORS halinorm®



Page 150

RECYCLING COLLECTORS STRAUBING PLUS



Page 151 ff.

POLYMER CONTAINERS



Page 153

CLOSED RECYCLING COLLECTORS



WSLK 110

Smooth, **easy to clean front panels** and seamless body are just some of the features this series of collectors has to offer. These carts are equipped with tilt-out bins that can be opened by using the foot pedal at the bottom.

The individual recycling bins are removable through the rear of the cart and have an approximate capacity of 50 liters (see page 148).

The open bottom construction minimizes the soiling of the collector due to incorrect waste insertion. The carts are available in different designs to meet individual requirements: As standard the body of the cart is made of stainless steel. Bins are not included. The bow handles are galvanized and powder-coated. Optional colored front panels are available on request. Stainless steel collectors are optionally also available with colored fronts, see picture on the left)



WSLK 220

// TECHNICAL DESCRIPTION

- + **Casters** 4 swivel casters, 2 with double brake, Ø 75 mm, with precision ball bearing
- + **Tread** Gray rubber profile
- + **Caster housing** Zinc-chromated
- + **Handle** GRIFF192-162EF (stainless steel look)

Optional for an additional charge:

- + Damper for WSLK flap up to 5 kg filling capacity **WSLK TD**
- + Retrofit kit WSLK TD/UM **WSLK TD/UM**

In the fire-retardant version, damping is not possible.



WSLK 330-124

// FRONT COLORS OPTIONAL

 RAL 6032 Green (1)	 RAL 5012 Blue (2)	 RAL 3020 Red (3)
 RAL 1016 Yellow (4)	 RAL 7035 Light Gray (7)	 RAL 7016 Anthracite Gray (8)

! Please provide the number next to the color name (combination of color numbers possible, example WSLK 330-124) when placing your order.

CLOSED RECYCLING COLLECTORS WSLK



WSLK 440



WSLK 330



RECYCLING BINS WSB

■ Recycling bins see on page 148.

FIRE-RETARDANT VERSION



WSLK 220F



WSLK 220F

Back: Flap closed



WSLK 220F

Back: Flap open

DESIGN	DIMENSIONS			STAINLESS STEEL	STAINLESS STEEL	STAINLESS STEEL
	WIDTH mm	DEPTH mm	HEIGHT mm		FRONTS ACCORDING TO RAL	FIRE RETARDANT VERSION
Single collector	408	490	779	WSLK 110	WSLK 110-#	WSLK 110F
Double collector	740	490	779	WSLK 220	WSLK 220-#	WSLK 220F
Triple collector	1048	490	779	WSLK 330	WSLK 330-#	WSLK 330F
Quadruple collector	1380	490	779	WSLK 440	WSLK 440-#	WSLK 440F

#=colored fronts powder-coated

■ The table provides an overview of the different order codes! The number for the color codes according to RAL can be found on page 144. Matching bins WSB 5000–WSB 5008 please order separately (see page 148).

CLOSED RECYCLING COLLECTOR WSLK



WSLK 333

„Customized solutions like the model WSLK 333 are possible at any time!“

DESIGN	DIMENSIONS			STAINLESS STEEL
	WIDTH mm	DEPTH mm	HEIGHT mm	
Triple collector	1090	550	1070	WSLK 333

! Please contact your Hammerlit Distributor!

CLOSED RECYCLING COLLECTORS WSLQ



WSLQ 110



WSLQ 220

Another version of the closed recycling collector with tilt-out bins is our model WSLQ.

This collector, which is specially designed for narrow spaces, has a depth of only 400 mm.

The bins are removable through the front panels of the cart via a new second angle of the opening mechanism. Material: Stainless-Steel.

+ Easy removal of containers from the front



WSLQ 330

DESIGN	DIMENSIONS			ORDER CODE
	WIDTH mm	DEPTH mm	HEIGHT mm	
Single collector	540	400	785	WSLQ 110
Double collector	1050	400	785	WSLQ 220
Triple collector	1535	400	785	WSLQ 330

Matching bins WSB 5000–WSB 5008 please order separately (see page 148).

CLOSED WASTE/LAUNDRY COLLECTORS WITH FOOT PEDAL LIDS



WSL 101-D



+ with open lid



+ Pull-out front panel

DESIGN	NO. OF 70-LITER-BAGS	DIMENSIONS			ORDER CODE
		WIDTH mm	DEPTH mm	HEIGHT mm	
Single collector	1	430	550	993	WSL 101-D

! Collector depth with pulled out front bin is 950 mm * Device height with open pedal lid: 1370 mm

CLOSED WASTE COLLECTORS WITH FOOT PEDAL LIDS



WSLT 110



+ Upon pressing the foot pedal, the lid opens.

These closed waste collectors are equipped with **pedal operated lids**.

For emptying bins or sorting bags, the front door can be pulled out like a drawer. These collectors are equipped with **noise absorbing lid damping**.

On request, the front doors are available in a colored, coated design at an additional charge. (RAL color)

// TECHNICAL DESCRIPTION

- + **Material** Stainless steel
- + **Casters** 4 swivel casters, 2 with double brake, Ø 75 mm, with precision ball bearing
- + **Tread** Gray rubber profile
- + **Caster housing** Zinc-chromated



WSLT 202



WSLT 110+WSB 5001



WSLT 110+WSB 5001

! Collector depth with pulled out sorting bin is 950 mm.
For combined collectors, the bins are mounted on the outside(s).

DESIGN	NO. OF 50-LITER-BINS*	NO. OF 70-LITER-BAGS	DIMENSIONS			ORDER CODE
			WIDTH mm	DEPTH mm	HEIGHT mm	
Single collector	0	1	430	550	850	WSLT 101
	1	0				WSLT 110
Double collector	0	2	825	550	850	WSLT 202
	1	1				WSLT 211
	2	0				WSLT 220
Triple collector	0	3	1200	550	850	WSLT 303
	1	2				WSLT 312
	2	1				WSLT 321
	3	0				WSLT 330
Quadruple collector	0	4	1575	550	850	WSLT 404
	1	3				WSLT 413
	2	2				WSLT 422
	3	1				WSLT 431
	4	0				WSLT 440

*Matching bins WSB 5000–WSB 5008 please order separately (see 148). * Device height with open pedal lid: 1230 mm

RECYCLING BINS AND LIDS

RECYCLING BINS (50 L)

This line of bins was specially developed for the **Hammerlit waste management system**. This system encompasses in-house transport and waste sorting. The bins are **easily cleanable in any facility**.



// SPECIAL FEATURES

- + Sturdy integrated handles
- + 2 additional integrated handles at the bottom of the bin to facilitate emptying.
- + Integrated molds to accommodate our slide system (see page 142).
- + Drainage holes on edges and handles
- + Stackable, both with and without lids
- + **Material** Polypropylene
- + **Dimensions** 305 x 445 x 515 mm (W x D x H)



LIDS

We recommend that all bins should have lids. The Hammerlit lid is made of shock-resistant antistatic polymer (ABS). The integrated handle is easy to clean and allows ergonomic handling.

Lids are available in the following two versions:



- + **Lids with integrated hook (D 60-D 68)**
The inside of the lid is equipped with a hook to allow the lid to be hanged on the bin when opened.



- + **Lids with integrated hinge (DT 60-DT 68)**
This **Hammerlit lid version** is equipped with an integrated on-piece molded hinge. This eliminates spaces in which dirt could accumulate.

L5



Unlike other similar lids in the industry, the Hammerlit lids are equipped with an **overload security device**, which prevents the hinge from breaking under stress.

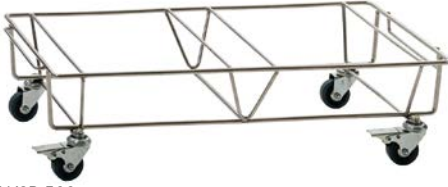
COLOR	ORDER CODE BIN	ORDER CODE LID	ORDER CODE HINGED LID	ORDER CODE BIN WITH HINGED LID
white	WSB 5000	D 60	DT 60	WSB 5060
green	WSB 5001	D 61	DT 61	WSB 5061
blue	WSB 5002	D 62	DT 62	WSB 5062
red	WSB 5003	D 63	DT 63	WSB 5063
yellow	WSB 5004	D 64	DT 64	WSB 5064
brown	WSB 5005	D 65	DT 65	WSB 5065
gray	WSB 5007	D 67	DT 67	WSB 5067
black	WSB 5008	D 68	DT 68	WSB 5068

! For optimum hygiene, we recommend the bins to be used with our transparent plastic bags (order number P 50) (see page 154)!

BIN CARRIER haliroll®, STAINLESS STEEL



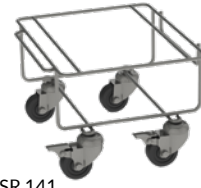
WSR 531



WSR 532



2x WSR 532 coupled



WSR 141

- With the haliroll bin carrier the Hammerlit recycling bins can be used as independent, **mobile collecting units**. The carriers can be joined together to make various units. This combination – consisting of bins and haliroll carriers – makes it possible to easily assemble a **practical collecting unit**. No tools or screws are needed to join the carriers.
- The construction enables one carrier to simply be hitched to another one.
- The **bin carrier** is made of **stainless steel wire**, extremely strong and easy to clean. It is equipped with four swivel casters, 2 with brake, Ø 50 mm, gray rubber profile and galvanized chrome-plated caster housings.



WSR 531, WSB 5000, D 60



WSR 532, WSB 5001/5002, D 61+62



WSR 533, WSB 5001/5002/5000, D 61+62+60

// INFORMATION

Each haliroll® bin carrier has a storage slot on the side to hold a lid. The stop casters are on the front.

- 1 Polymer bins and lids see page 76, labels on page 153, plastic bags P 50 on page 154.

BAUFORM	DIMENSIONS			BIN SEIZE	ORDER CODE
	WIDTH mm	DEPTH mm	HEIGHT mm		
Single carrier, without bins	260	325	185	14 l	WSR 141
Single carrier, without bins	370	340	185	50 l	WSR 531
Double carrier, without bins	670	340	185	50 l	WSR 532
Triple carrier, without bins	995	340	185	50 l	WSR 533

TROLLEY WITH PEDAL MECHANISM

Trolleys with pedal mechanism for holding 1, 2, 3, or 4 waste containers from the WSB 5000 series.



WSBF 1LT



WSBF 2LT

// TECHNICAL DESCRIPTION

- + **Material** Stainless steel
- + **Castors** 4 swivel casters, 2 with double brake, Ø 75 mm, with precision ball bearing
- + **Tread** Gray rubber profile
- + **Caster housing** Zinc chromated

BAUFORM	DIMENSION			ORDER CODE WITH LID DAMPING
	WIDTH mm	DEPTH mm	HEIGHT mm	
Single collector	400	500	720	WSBF 1LTD
Double collector	765	500	720	WSBF 2LTD
Triple collector	1115	500	720	WSBF 3LTD
Quadruple collector	1465	500	720	WSBF 4LTD

Lids and waste collectors see page 148! Please order separately.

RECYCLING COLLECTORS halinorm®



WSN 1300



WSN 1400



WSN 1500

- The basic models of the halinorm® series differ in size and the number of containers
- Two (300 x 400 mm) containers can be used instead of one (600 x 400 mm) container
- 4 swivel casters, 2 with double brake



WSN 2100



WSN 2200



WSN 2300



WSN 2400



WSN 2500



WSN 4100



WSN 4200



WSN 4300



WSN 4400



WSN 4500

// INFORMATION

All containers have to be ordered separately.
The labels and containers shown in the illustration are not included with the collectors (see page 153 for label ordering information).
When placing an order, please specify the color of the containers.

„Standard models are equipped with upper frames and cover plates.“

CONTAINER DIMENSIONS mm	DIMENSIONS OF COLLECTOR			NO. OF POLYMER CONTAINERS		ORDER CODE
	WIDTH mm	DEPTH mm	HEIGHT mm	HEIGHT 325 mm	HEIGHT 220 mm	
Size 1 300 x 400	390	455	1160	1x WSNK 343-#	2x WSNK 342-#	WSN 1300
	390	455	1070		3x WSNK 342-#	WSN 1400
	390	455	1025	2x WSNK 343-#		WSN 1500
Size 2 400 x 600	490	645	1370	3x WSNK 463-#		WSN 2100
	490	645	1270	2x WSNK 463-#	1x WSNK 462-#	WSN 2200
	490	645	1160	1x WSNK 463-#	2x WSNK 462-#	WSN 2300
	490	645	1070		3x WSNK 462-#	WSN 2400
	490	645	1025	2x WSNK 463-#		WSN 2500
Size 3 2x 300 x 400 (not illustrated)	700	455	1370	6x WSNK 343-#		WSN 3100
	700	455	1270	4x WSNK 343-#	2x WSNK 342-#	WSN 3200
	700	455	1160	2x WSNK 343-#	4x WSNK 342-#	WSN 3300
	700	455	1070		6x WSNK 342-#	WSN 3400
	700	455	1025	4x WSNK 343-#		WSN 3500
Size 4 2x 400 x 600	895	645	1370	6x WSNK 463-#		WSN 4100
	895	645	1270	4x WSNK 463-#	2x WSNK 462-#	WSN 4200
	895	645	1160	2x WSNK 463-#	4x WSNK 462-#	WSN 4300
	895	645	1070		6x WSNK 462-#	WSN 4400
	895	645	1025	4x WSNK 463-#		WSN 4500

Please replace the placeholder -# in the order code of the boxes with the color code from 0 to 7 (see page 153).

RECYCLING COLLECTORS STRAUBING PLUS, STAINLESS STEEL



The **Straubing plus** series offers a variety of possibilities.

These carts are available from single up to quadruple wide units. Every unit has slides to accommodate one 50 liter bin.

An optional grip ring assembly for holding bags and nets can also be added. These assemblies are equipped with hinged lids and the Hammerlit HR 2000 grip ring. Since these assemblies can be added and removed easily, the units can be re-configured at will to suit your changing needs.

Bag and net holder assemblies are also available for mounting on the face side of the units.

As an option, the carts can be equipped with an optional **foot pedal mechanism and lid damping** (cf. page 66).

- All models consist of stainless steel frames , 4 swivel casters, 2 with brake, Ø 75 mm, precision ball bearing, gray rubber profile and corner bumpers

// INFORMATION

Matching lids, containers, bins and adhesive labels for lids see page 148 and 153. Please order separately!

BOTTOM PLATES*

The collectors shown in the below mentioned table are without bottom plate. All collectors are also available with a removable antistatic white bottom plate (ABS).



*Bottom plates not available in combination with pedal mechanism.

DESIGN	DIMENSIONS			ORDER CODE WITH NUMBER OF POLYMER BINS				
	WIDTH mm	DEPTH mm	TOTAL HEIGHT mm	WITHOUT	ONE	TWO	THREE	FOUR
Single collector	515	490	940*	WSP 100	WSP 110			
Wall-mounted collector	450	380	290	WSP 109	WSP 119			
Double collector	850	490	940*	WSP 200	WSP 210	WSP 220		
Triple collector	1190	490	940*	WSP 300	WSP 310	WSP 320	WSP 330	
Quadruple collector, linear	1530	490	940*	WSP 400	WSP 410	WSP 420	WSP 430	WSP 440
Fivefold collector	1880	490	940*	WSP 500	WSP 510	WSP 520	WSP 530	WSP 540
Sixfold collector	2210	490	960**	WSP 600	WSP 610	WSP 620	WSP 630	WSP 640

*Height incl. push handle: 870 mm; **Height incl. push handle: 890 mm

■ Lids and bins see page 148! Please order separately!

RECYCLING COLLECTORS STRAUBING PLUS, STAINLESS STEEL



Added versatility to the **Straubing plus** line can be achieved by combining it with our WSA collectors.

All single, double, three- and fourfold collectors can be equipped with this add-on unit at each side.

MODEL	ORDER CODE
Add-on collector unit for 1 container WSNK 341, WSNK 342, WSNK 343	WSA 13

+ Add-on collector unit WSA 13

! Lids and bins see page 147! Please order separately.



+ Cut-out openings

Every bay of the **Straubing plus** collector is covered by a **hinged lid**. These are available in a wide range of colors (see page 76). Please order the lids separately.

The lids are **easily cleanable** due to their smooth surface. All lids can also be ordered **with cut-out openings** in **circular or oval** shape, to accommodate specific types of waste.

These cut-out openings offer the following advantages:

- The lid does not have to be lifted to dispose of items
- The opening has the approximate shape and size of the goods to be disposed of (e.g. oval for paper and round for bottles), in addition to the color coding and labeling of the lids, this provides extra security for efficient waste sorting

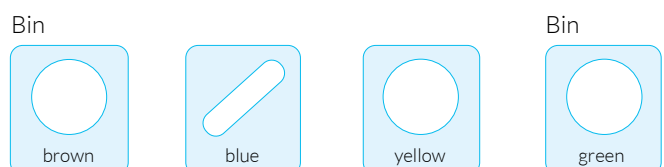
For some types of waste, for example flowers or miscellaneous waste, a cut-out opening of this kind is neither recommended nor practical. For such applications, we recommend a hinged lid without opening.

The number of grip rings is calculated by deducting the number of bins from the total number of bays. E.g. the fivefold collector with two bins has 3 grip rings.

! Please specify the next details in your order:

- Colors of lids
- Shape of opening
- Arrangement of lids
- Colors of containers

We recommend to include a small sketch (e.g. **Quadruple collector WSP 420**)





POLYMER CONTAINERS

POLYMER CONTAINERS FOR halinorm® SYSTEM AND STRAUBING PLUS

Five different sizes of containers are available in a variety of heights, widths and depths.

There is also a choice of **6 colors** and adhesive labels available for different categories of waste.

Matching lids for polymer containers are available in a gray color:

Lid 300 x 400 mm: **WSND34**, hinged lid **WSND34S**

Lid 400 x 600 mm: **WSND46**, hinged lid **WSND46S**

DIMENSIONS				ORDER CODE FOR EACH COLOR						
WIDTH mm	DEPTH mm	HEIGHT mm	CAPACITY l	WHITE (0)	GREEN (1)	BLUE (2)	RED (3)	YELLOW (4)	GRAY (7)	
300	400	125	12						WSNK 3417	
300	400	220	21	WSNK 3420	WSNK 3421	WSNK 3422	WSNK 3423	WSNK 3424	WSNK 3427	
300	400	325	31	WSNK 3430	WSNK 3431	WSNK 3432	WSNK 3433	WSNK 3434	WSNK 3437	
400	600	220	45	WSNK 4620	WSNK 4621	WSNK 4622	WSNK 4623	WSNK 4624	WSNK 4627	
400	600	325	66	WSNK 4630	WSNK 4631	WSNK 4632	WSNK 4633	WSNK 4634	WSNK 4637	

ADHESIVE LABELS Size 160 x 40 mm, adhesive.

COLOR	TEXT	ORDER CODE	COLOR	TEXT	ORDER CODE	COLOR	TEXT	ORDER CODE
white	Glass	EKN 10	white	Aluminum	EKN 31	green	Glass	EKN 101
white	Brown glass	EKN 11	white	Misc. waste	EKN 40	blue	Paper	EKN 422
white	Green glass	EKN 12	white	Flowers	EKN 41	yellow	Plastic	EKN 204
white	Clear glass	EKN 13	white	Paper	EKN 42	brown	Biodegradables	EKN 455
white	Colored glass	EKN 14	white	I. V. bags	EKN 19	gray	Misc. waste	EKN 407
white	Plastic	EKN 20	white	Biodegradables	EKN 45	white	Green point	EKN DSD
white	Foils	EKN 21	white	Waste	EKN 43			
white	Metal	EKN 30	white	Compost	EKN 48	white ∅	Green point	EKB DSD
white	Refundables	EKN 39	white	Batteries	EKN 38			

! Custom labeling available

DOLLY FRAMES, STAINLESS STEEL

WSN 146+WSNK 4630



WSN 234+WSNK 3420



TWGK1



// TECHNICAL DESCRIPTION

- + Casters 4 swivel casters, 2 with double brake, ∅ 75 mm, gray rubber profile
- + Caster housing Zinc-chromated
- + for the easy transport of plastic containers WSNK (see above)

TWGK1

Transport roller for water crates, suitable for 12x 1 liter PET bottle crates or 12x 1 liter glass bottle crates.

DOLLY FRAMES SUITABLE FOR POLYMER CONTAINERS	ORDER CODE FOR 1 CONTAINER	1 CONTAINER WIDTH mm	ORDER CODE FOR 2 CONTAINERS	2 CONTAINER WIDTH mm	ORDER CODE FOR 3 CONTAINERS	3 CONTAINER WIDTH mm	DEPTH mm	HEIGHT* mm
WSNK 342 or WSNK 343	WSN 134	310	WSN 234	620	WSN 334	930	410	140
WSNK 462 or WSNK 463	WSN 146	410	WSN 246	820	WSN 346	1230	610	140

*Without container *Load capacity WSN: 100kg

RECYCLING COLLECTORS haliwert, STAINLESS STEEL



HLW 920 F



HLW 317 F

// TECHNICAL DESCRIPTION

- + **Frame** Collector carrier
- + **Casters** 4 swivel casters, Ø 50 mm, gray rubber profile
- + **Caster housing** Zinc-chromated

// INFO

Delivery without labels. Please order separately. (see page 153)

BINS CAP. OF BINS l	NO. OF BINS	DIMENSIONS		HEIGHT WITHOUT LID mm	HEIGHT WITH LID mm	HEIGHT OPEN LID mm	BINS AND LIDS LIGHT GRAY	
		WIDTH mm	DEPTH mm				ORDER CODE WITHOUT HINGED LID	ORDER CODE WITH HINGED LID
9	2	410					HLW 9207 F	HLW 9217 F
	3	550	365	385	425	600	HLW 9307 F	HLW 9317 F
	4	740					HLW 9407 F	HLW 9417 F
14	2	450					HLW 207 F	HLW 217 F
	3	630	390	455	505	700	HLW 307 F	HLW 317 F
	4	840					HLW 407 F	HLW 417 F

ALTERNATIVE BINS CAP. OF BINS l	NO. OF BINS	DIMENSIONS		HEIGHT WITHOUT LID mm	HEIGHT WITH LID mm	HEIGHT OPEN LID mm	BINS AND LIDS LIGHT GRAY	
		WIDTH mm	DEPTH mm				ORDER CODE WITHOUT HINGED LID	ORDER CODE WITH HINGED LID
9	1	170	275	265	315	475	WSB 5097H	WSB 5197H
14	1	200	325	330	390	585	WSB 4047H	WSB 4147H

ACCESSORIES FOR SORTING OUT RECYCLING MATERIAL

PLASTIC BAGS - POLYETHYLENE, COVERED COLORING

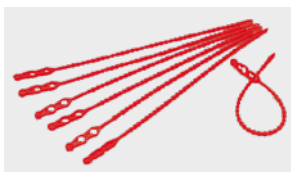
SIZE WIDTH x DEPTH mm	GAUGE mm	UNIT/ Pckg.	ORDER CODE FOR EACH COLOR							
			GREEN	BLUE	RED	YELLOW	BROWN	GRAY	BLACK	
450 x 500	0,04	1000	P 2 BLAU							
400 x 600	0,06	500	P 3 BLAU							
500 x 800	0,06	250	P 4 BLAU				P 4 ROT			
580 x 1000	0,06	250	P 12 BLAU							
600 x 1000	0,05	250	P 71	P 72	P 73	P 74	P 75	P 77	P 78	
700 x 1100	0,06	250	P 20 BLAU							
630 x 800	0,02	720	transparent for WSB 5000 ff						P 50	
600 x 1000	0,08	200	PS 12-05 transparent with printing „Wäsche mit erhöhter Infektionsgefährdung“							



Plastic bags



Drill-twister MS 02K
Wire loops MS 03



All-plastic fasteners
MS 04 ROT

! Drill-twister and wire loops see page 136, sorting nets see page 93!