



CATALOGUE OF PRODUCTS

Meva a.s. Division Bezděkov

2016 

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Dear customers,

we have prepared a new catalogue that reflects the extending range of our products. In this catalogue, we focused on better arrangement of information about basic production range and optional accessories that could meet exactly your individual requirements. We are purely Czech engineering company employing over 300 workers in the region.

Pillars of our company are:

- own development
- own production
- own distribution chain

Tradition of engineering production, investment in technologies and high level of workmanship guarantee quality of the brand Meva. The production range follows market requirements for all the time of our existence and we endeavour to comply with your particular needs.

Only thanks to these aspects, we share the European market for almost 120 years and believe that our brand name will also be successful in future.

All important information about the production range and offered services can be found on our web pages www.meva.eu and www.podzemni-kontejnery.cz.

In case you need to know anything more, do not hesitate to contact our experienced sales team of Meva a.s., division Bezděkov that is ready to assist you.

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Opening hours: Mon–Fri 6 AM–4 PM.



...we help to create clean world

MEVA EXPORT






...we deliver our products to 40 countries of the world

1/ BINS AND CONTAINERS FOR MUNICIPAL WASTE



PRODUCTION PROGRAMME **GARBAGE TROLLEYS 660–3300 LITRES**






TECHNICAL PARAMETERS	Type	1106	1116	1107	1117	1280	1100
	EN ISO	EN 840-2	EN 840-2	EN 840-2	EN 840-2	–	EN 840-2
	Volume (l)	660	660	770	770	800	1100
	Loading capacity to the standard (kg)	265	265	310	310	320	440
	Dimensions A x B x C (mm)	1370 x 780 x 1300	1260 x 790 x 1220	1370 x 780 x 1400	1260 x 790 x 1340	1250 x 860 x 1260	1370 x 1080 x 1310
BASIC OPTIONAL EQUIPMENT	 /  / 	210 / – / 168	210 / – / 168	210 / – / 168	210 / – / 168	60 / 56 / –	156 / 140 / 95
	DIN – pins	●	○	●	○	○	●
	Central brake	○	–	○	–	–	○
	Foot opening	○	–	○	–	–	○
	Crest latch	●	●	●	●	○	●
	Metal lid	●	–	●	–	●	● / ALU
	Plastic lid	○	○	○	○	–	○
	Forklift truck adapter	○	○	○	○	○	○
	Arrest of open lid	–	–	–	–	●	–
	Varnishing	○	○	○	○	○	○
SPECIAL OPTIONAL EQUIPMENT	oil-proof version	○	○	○	○	○	○
	reinforced construction	○	–	○	–	–	○
	special wheels	○	○	○	○	○	○
	towing mechanism	○	○	○	○	○	○
	stands instead of wheels	–	–	–	–	–	–
	colored lid	○	○	○	○	○	○
	lid lock	○	○	○	○	○	○
	lid for sorted waste	○	○	○	○	○	○
	plastic logo stamping	○	○	○	○	○	○
	screwable plug	○	○	○	○	○	○

● yes ○ optional – not available

PRODUCTION PROGRAMME **GARBAGE TROLLEYS 660–3300 LITRES**



TECHNICAL PARAMETERS	Type	1120	1132	1136	1162	DU3.3	11191 / 1119
	EN ISO	EN 840-2	EN 840-3	EN 840-3	–	–	EN 840-2
	Volume (l)	1100	1100	1100	1100	3300	830 / 940
	Loading capacity to the standard (kg)	440	440	440	440		330 / 375
	Dimensions A x B x C (mm)	1260 x 980 x 1340	1370 x 1010 x 1420	1370 x 1010 x 1420	1220 x 1150 x 1230	2030 x 1820 x 1440	1010 x 995 x 1440 / 1670
BASIC OPTIONAL EQUIPMENT	 /  / 	156 / – / 100	48 / 60 / 38	156 / – / 105	48 / – / 72	16 / – / –	168 / – / 112
	DIN – pins	○	●	●	–	–	○
	Central brake	–	○	○	–	–	–
	Foot opening	○	○	○	○	–	○
	Crest latch	●	○	○	–	–	●
	Metal lid	–	●	●	○	●	–
	Plastic lid	●	–	–	●	–	○
	Forklift truck adapter	○	○	○	○	–	○
	Arrest of open lid	–	●	●	–	●	–
	Varnishing	○	○	○	○	–	○
SPECIAL OPTIONAL EQUIPMENT	oil-proof version	○	○	○	○	○	○
	reinforced construction	–	○	○	–	–	–
	special wheels	○	○	○	○	○	○
	towing mechanism	○	○	○	–	–	○
	stands instead of wheels	–	–	–	○	–	–
	colored lid	○	○	○	○	○	○
	lid lock	○	○	○	○	○	○
	lid for sorted waste	○	○	○	○	○	○
	plastic logo stamping	○	○	○	○	○	○
	screwable plug	○	○	○	○	–	○

● yes ○ optional – not available

TROLLEYS 660 / 770 LITRES



Type: 1107H2VP

Type: 1106H2VP



- suitable for restricted areas
- passage through 80 cm wide door



Surface:
hot dip galvanized
to EN ISO 1461



Metal sheet thickness:
shell 1.25 mm
bottom 1.5 mm



Volume:
660 / 770 l



Loading capacity:
min. 320 kg

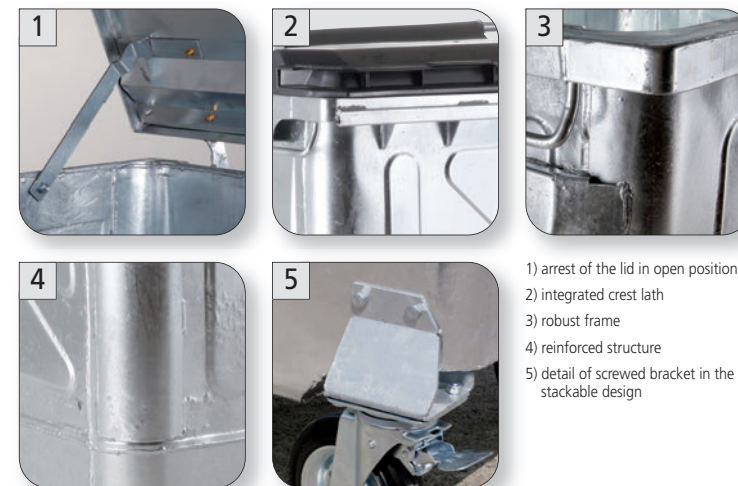


Weight:
approx. 80 / 85 kg
acc. to the type



4 swivelling wheels
(2 with brakes)

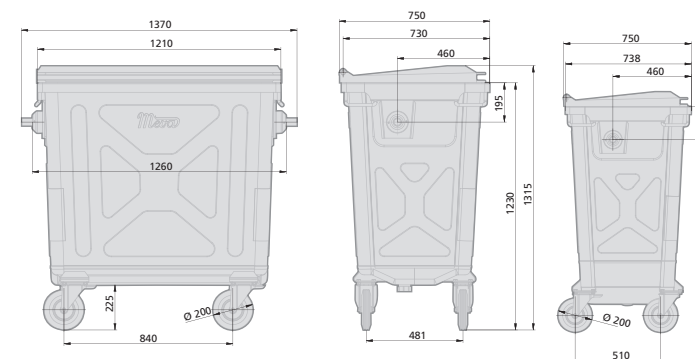
Technical solution – constructional details



- 1) arrest of the lid in open position
- 2) integrated crest lath
- 3) robust frame
- 4) reinforced structure
- 5) detail of screwed bracket in the stackable design

Type: 1106 / 1107

- Designed for collection of solid household and industrial waste.
- Low weight and optimal depth of the trolley facilitates manipulation in restricted areas and enables passage through house door with usual width of 80 cm.
- Dimensions correspond to EN 840-2, surface treatment by hot dip galvanized to EN ISO 1461.
- Integrated crest lath combined with dumping pin.
- Upon special request the trolleys can be equipped with lid locks, central brakes, foot opening, plastic stamping of a logo or text, oil-proof design, adaptation for manipulation with a forklift truck, etc.



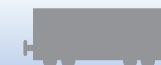
TO EN 840-2



Loading method:
stacking 6-7 pcs



210 pcs



- pcs



168 pcs

TROLLEYS 660 / 770 LITRES



Type: 11171

Type: 1116



- suitable for restricted areas
- passage through 80 cm wide door



Surface:
hot dip galvanized
to EN ISO 1461



Metal sheet thickness:
shell 1.25 mm
bottom 1.5 mm



Volume:
660 / 770 l



Loading capacity:
min. 320 kg

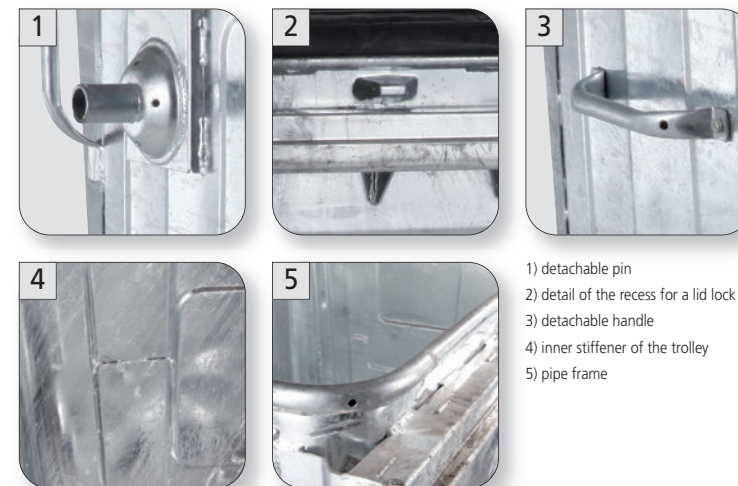


Weight:
approx. 80 / 85 kg
acc. to the type



4 swivelling wheels
(2 with brakes)

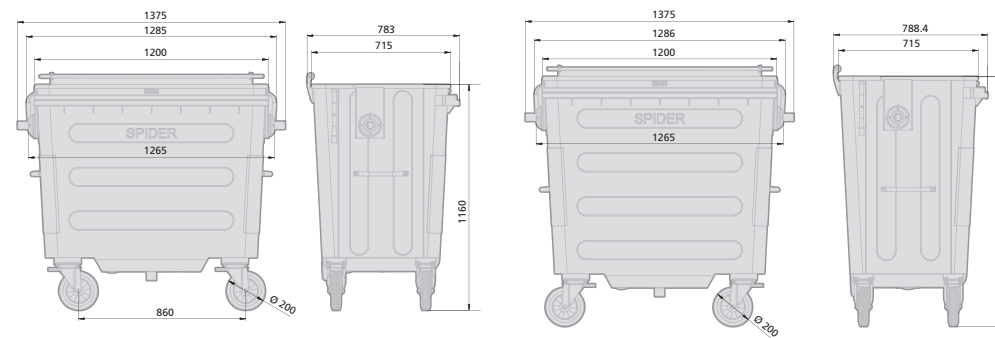
Technical solution – constructional details



- 1) detachable pin
- 2) detail of the recess for a lid lock
- 3) detachable handle
- 4) inner stiffener of the trolley
- 5) pipe frame

Type: 1116 / 1117

- Designed for collection of solid household and industrial waste.
- Low weight and optimal depth of the trolley facilitates manipulation in restricted areas and enables passage through house door with usual width of 80 cm.
- Dimensions correspond to EN 840-2, surface treatment by hot dip galvanized to EN ISO 1461.
- Integrated crest lath combined with tilting pin.
- Upon special request the trolleys can be equipped with lid locks, central brakes, foot opening, plastic stamping of a logo or text, oil-proof design, adaptation for manipulation with a forklift truck, etc.



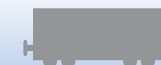
TO EN 840-2



Loading method:
stacking 6-7 pcs



210 pcs



- pcs



168 pcs

TROLLEYS 800 LITRES



Type: 1282

Type: 1280



• high-quality design



Surface:
hot dip galvanized
to EN ISO 1461



Metal sheet thickness:
shell 1.5 mm
lid 1.8 mm



Volume:
800 l



Loading capacity:
320 kg

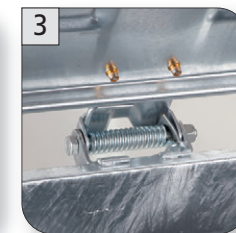
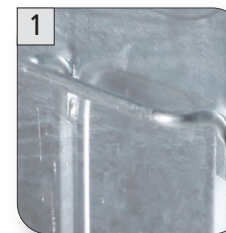


Weight:
approx. 100 kg



4 swivelling wheels
(of this, 1 with brake,
1 with direction arrestment)

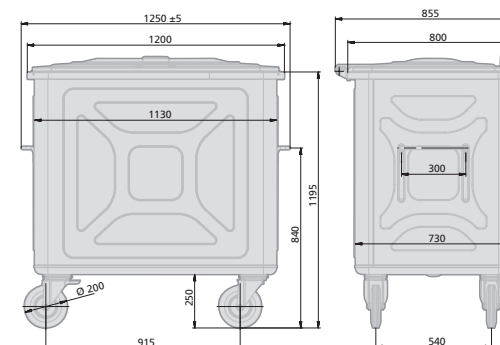
Technical solution – constructional details



- 1) supporting component
- 2) stamped lid with logo
- 3) detail of a spring facilitating manipulation with the lid

Type: 1280 / 1282

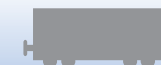
- Designed for collection of household and industrial waste.
- Thanks to its dimensions and design of the flat lid, these types are suitable, above all, for manipulation in restricted areas.
- The lids can be adapted for collection of sorted waste or upon the customer's request, incl. colour shades of the lid and stickers with texts.
- Upon special order, the trolleys can be completed with locking of the lid, oil-proof design, modification for manipulation with forklift trucks, plastic lid, or modify the design of the lifting attachment acc. to the type of the dumping equipment.
- A user's plastic logo can also be stamped on the lid.



Loading method:
stacking 2 pcs



60 pcs



56 pcs



– pcs

TROLLEYS 830 / 940 LITRES



Type: 11191

Type: 1119

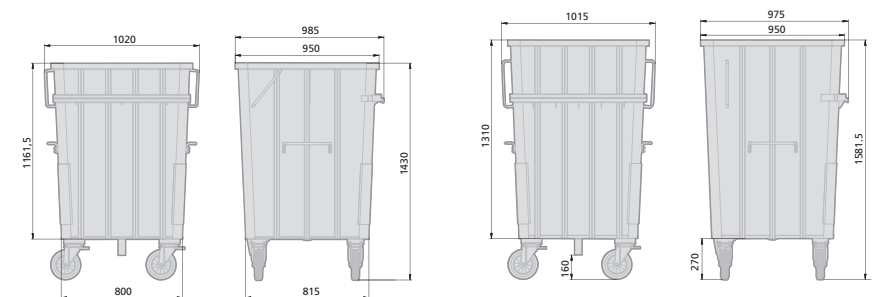
Technical solution – constructional details



- 1) crest lath
- 2) screwed side handle
- 3) welded side handle

Type: 11191 / 1119

- Special model.
- Small footprint dimensions.
- Suitable for collection of household waste in residential houses.
- Lightweight lid.
- Stackable design.
- Discharge using a crest lath.



- special models for residential houses



Surface:
hot dip galvanized
to EN ISO 1461



Metal sheet thickness:
1.5 mm



Volume:
830 / 940 l



Loading capacity:
330 / 375 kg



Weight:
95 / 100 kg



4 swivelling
wheels
(2 with brakes)



Loading method:
stacking 4 pcs



168 pcs



– pcs



112 pcs

TROLLEYS 1100 LITRES



Type: 1100H2VP



- desirable in industry
- wide accessories



Surface:
hot dip galvanized
to EN ISO 1461



Metal sheet thickness:
shell 1.25 mm
bottom 1.5 mm



Volume:
1100 l



Loading capacity:
440 kg



Weight:
approx. 110 kg
acc. to the type



4 swivelling wheels
(2 with brakes)

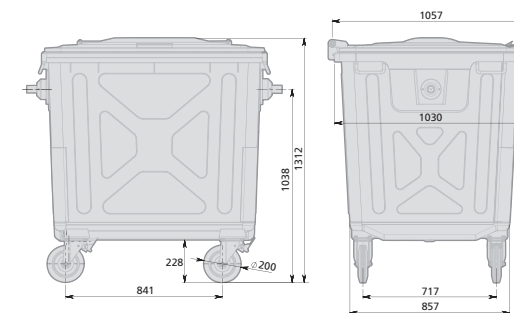
Technical solution – constructional details



- 1) molded lid
- 2) integrated crest lath
- 3) robust frame
- 4) reinforced structure
- 5) stamped customer's logo

Type: 1100

- Suitable for collection, manipulation and sorting of household and industrial waste.
- Resistance to mechanical wearing increased by molding.
- Easy replacement of the lid made of recycled material (Duraflex) in optional colour shade or made of galvanized or aluminium sheets.
- The trolleys are stackable; this reduces costs for transport and storage.
- A covered discharge hole in the bottom for easy cleaning of the trolley inside.
- Optional completion of the trolley with central brake, locking of the lid, foot opening, crest lath, oil-proof design or modification for manipulation with a forklift truck.



TO EN 840-2



Loading method:
stacking 2 pcs



156 pcs



140 pcs



95 pcs

TROLLEYS 1100 LITRES



• modern design



Surface:
hot dip galvanized
to EN ISO 1461



Metal sheet thickness:
shell 1.25 mm
bottom 1.5 mm



Volume:
1100 l



Loading capacity:
440 kg

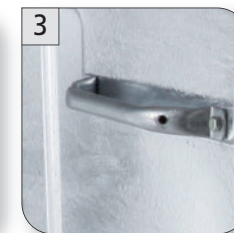


Weight:
110 / 135 kg
acc. to the type



4 swivelling wheels
(2 with brakes)

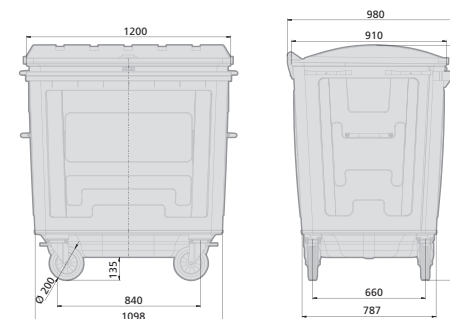
Technical solution – constructional details



- 1) detachable pin
- 2) detail of the recess for a lid lock
- 3) detachable handle
- 4) inner stiffener of the trolley
- 5) pipe frame

Type: 1120

- Suitable for collection, manipulation and sorting of household and industrial waste.
- Resistance to mechanical wearing increased by molding.
- Easy replacement of the lid made of recycled material (Duraflex) in optional colour shade.
- The trolleys are stackable; this reduces costs for transport and storage.
- A covered discharge hole in the bottom for easy cleaning of the trolley inside.
- Optional completion of the trolley with central brake, locking of the lid, foot opening, crest lath, oil-proof design or modification for manipulation with a forklift truck.
- The design of molding is suitable for large-area advertisement.



TO EN 840-2



Loading method:
stacking 2 pcs



156 pcs



-



100 pcs

INDUSTRIAL ALTERNATIVES 1100 LITRES



Type: 1100H2V1REM25



• lightweight and strong lid

TO EN 840-3

Technical solution – constructional details



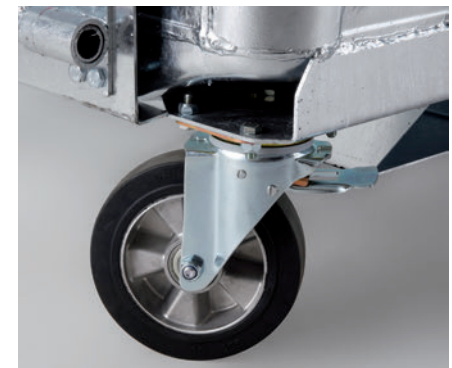
TÜV-certified pole



Reinforced pin design



Robust hitch



Load wheel



Surface:
hot dip galvanized
to EN ISO 1461



Metal sheet thickness:
1.25–1.5 mm

BASIC OPTIONAL EQUIPMENT – FLAT LID

TO EN 840-2



Central brake



Lid foot opening



Arrest of the lid in open position



Forklift truck adapter



Crest lath



Design of the lid: zinc coated / plastic / Aluminium
- plastic lids by Duraflex, Europlast, Sulo, Ese, Otto



Modifications of the lid for sorting



A sample of varnishing
- alternative with plastic lid for sorting of waste



TROLLEYS 1100 LITRES



- the most sold model
- the best price



Surface:
hot dip galvanized
to EN ISO 1461



Metal sheet thickness:
standard 1 to 3 mm
reinforced 1.25 to 3 mm



Volume:
1100 l



Loading capacity:
440 kg

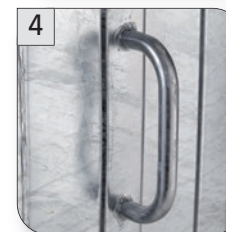
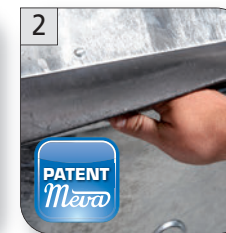
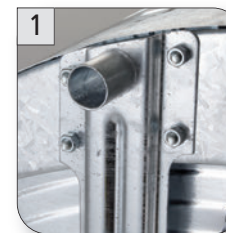


Weight:
110 / 135 kg
acc. to the type



4 swivelling
wheels
(2 with brakes)

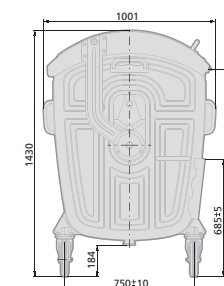
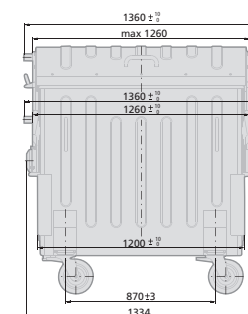
Technical solution – constructional details



- 1) screwed lever
- 2) safety and odour retaining rubber
- 3) reinforced frame structure
- 4) reinforced chassis

Type: 1132

- Suitable for collection of municipal and industrial waste.
- Optional varnishing of trolleys.
- Optional central brake, locking of the lid, foot opening, crest lath, oil-proof design, modification for manipulation with a forklift truck.
- Lids are customised for collection of sorted waste, including colour combinations and stickers with texts.
- Optional plastic stamping of the user's logo.



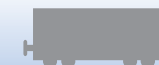
TO EN 840-3



Loading method:
stacking 2 pcs



48 pcs



60 pcs



38 pcs

TROLLEYS 1100 LITRES

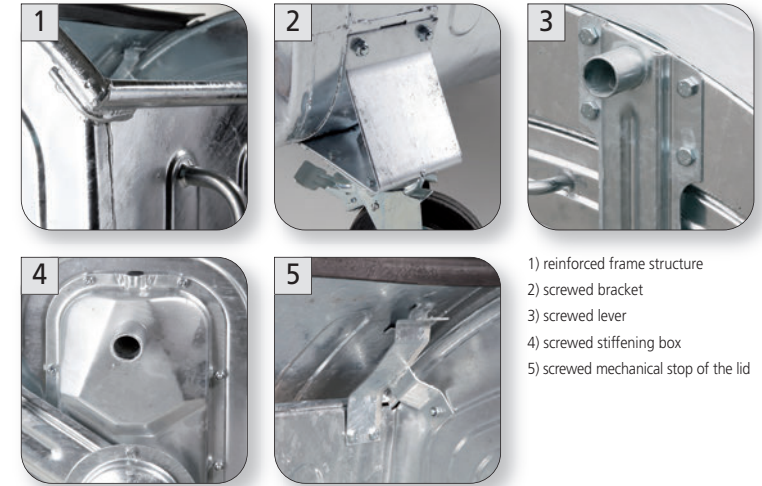


- stackable version for export
- considerable saving of transport costs



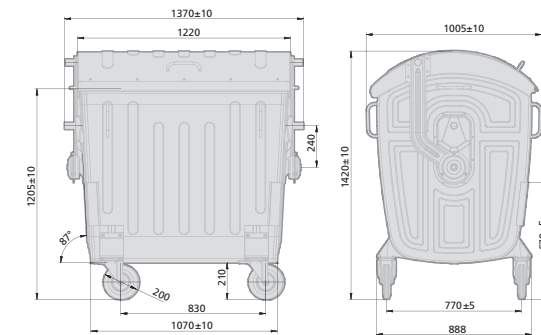
TO EN 840-3

Technical solution – constructional details



Type: 1136

- Utility, dimensional and technical parameters identical with type 1132.
- The trolley design enables stacking and therefore it can be transported economically on long distances.



Surface:
hot dip galvanized
to EN ISO 1461



Metal sheet thickness:
standard 1 to 3 mm
reinforced 1.25 to 3 mm



Volume:
1100 l



Loading capacity:
440 kg



Weight:
110 / 135 kg dle typu



4 swivelling wheels
(2 with brakes)



Loading method:
stacking per 5–6 pcs



156 pcs



– pcs



105 pcs

INDUSTRIAL ALTERNATIVES 1100 LITRES



Type: 114702



- high loading capacity and resistance

TO EN 840-3



Surface:
hot dip galvanized
to EN ISO 1461

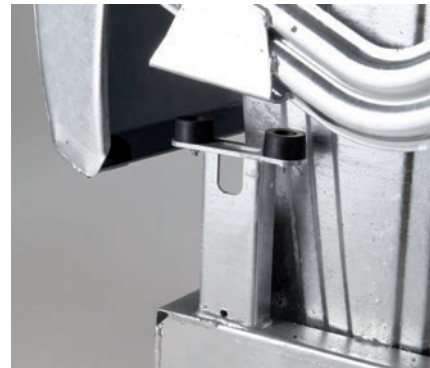


Metal sheet thickness:
1.25–1.5 mm

Technical solution – constructional details



Reinforced container



Mechanical stop of the lid



Oil-tight brass plug



TÜV-certified pole



Load wheels

BASIC OPTIONAL EQUIPMENT – ROUND LID

TO EN 840-3



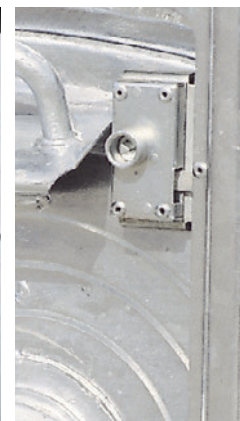
Central brake



Lid foot opening



Lid chain lock / triangular



Forklift truck adapter



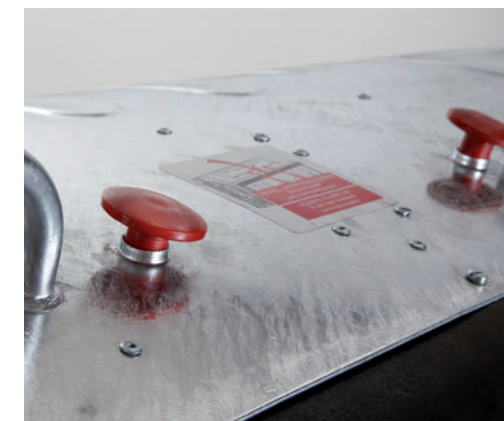
Crest lath



Design "lid in the lid"
- alternatives metal / plastic



Modifications of the lid for sorting of waste
- paper / glass / plastic / tetrapack
- varnishing of the lid or whole trolley in RAL shades on request



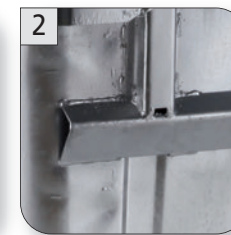
Children's safety lock
- to EN 840-6

DU TROLLEYS 1100 / 3300 LITRES



Type: 11620

Technical solution – constructional details



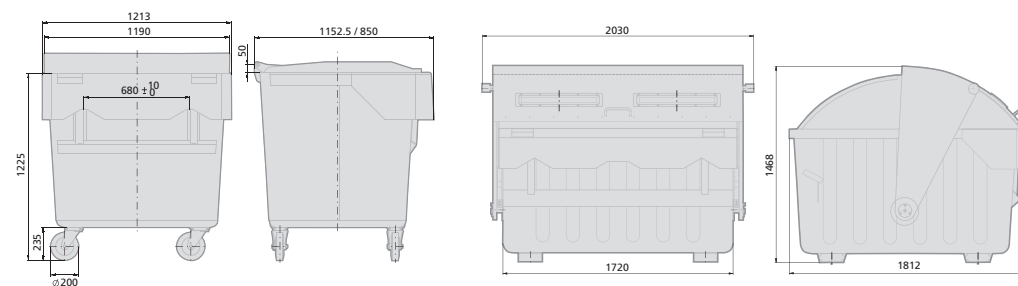
- 1) foot opening of the lid
- 2) robust frame
- 3) mechanical stop of the trolley DU3.3 lid



Type: DU3.3

Type: 1162 / DU3.3

- The trolleys are designed for very progressive system of collection of municipal waste by one operator of the collection vehicle.
- The structure is very robust, reinforced by a peripheral frame with built-in handles for easy manipulation.
- It is usually delivered with plastic lid in optional colour combinations.
- The trolleys are stackable; this reduces costs for transport and storage.
- On the customer's request the trolleys can be delivered with foot opening of the lid, as stationary containers without wheels and also in a design for BIO waste.



• easy, fast discharge



Surface:
hot dip galvanized
to EN ISO 1461



Metal sheet thickness:
shell 1.5 mm



Volume:
1100 / 3300 l



Loading capacity:
440 / 825 kg



Weight:
123 / 363 kg



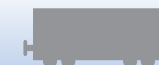
4 swivelling wheels
(2 with brakes)



Loading method:
stacking 2 pcs



48 / 16 pcs



– pcs



72 / – pcs

TROLLEYS GEESINK 500–1600 LITRES



• Geesink discharging system



Surface:
hot dip galvanized
to EN ISO 1461

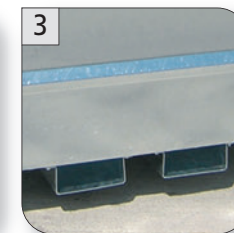
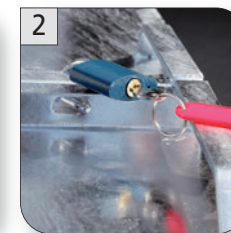


Metal sheet thickness:
1.5 mm



4 swivelling
wheels
(2 with brakes)

Technical solution – constructional details



- Hot dip galvanized to EN ISO 1461.
- Designed with adapter GEESINK.
- Optional locking of the lid or modification for manipulation with a forklift truck.
- Optional stamping of a user's logo.

- 1) discharging adapter detail
GEESINK
- 2) lockable lid
- 3) adapted for use of forklift trucks



Type: 1330 ☐ Volume: 500 l



Type: 1331 ☐ Volume: 750 l



Type: 1332 ☐ Volume: 1000 l



Type: 1333 ☐ Volume: 1300 l




Type: 1334 ☐ Volume: 1600 l



Loading method:
stacking 3 pcs




TECHNICAL PARAMETERS	Type	1173	1174	1177	1273	1274	1842/1832
	EN ISO	EN 12574-1	EN 12574-1	EN 12574-1	EN 12574-1	EN 12574-1	EN 12574-1
	Volume (m ³)	2.5	5	7	2.5	5	2.5
	Loading capacity to the standard (kg)	625	1250	1750	625	1250	625
	Dimensions A x B x C (mm)	2250 x 1250 x 1470	2250 x 2600 x 1470	2250 x 3150 x 1500	2250 x 1400 x 1650	2250 x 2640 x 1470	1950 x 1400 x 1600
		24 / – / –	12 / – / –	8 / – / –	20 / – / –	12 / – / –	20 / – / –
OPTIONAL EQUIPMENT	central brake	○	○	○	–	–	–
	lid lock	○	○	○	●	●	○
	crane pins	–	–	–	–	–	○
	metal lid	○	○	●	●	●	–
	plastic lid	●	●	○	○	○	●
	lifting of the lid: springs/dampers	○	○	●	●	●	–

● yes ○ optional – not available



TECHNICAL PARAMETERS

Type	1845/1835	1318EY	1190	1195	1192
EN ISO	EN 12574-1	EN 12574-1	EN 12574-1	EN 12574-1	EN 12574-1
Volume (m³)	5	8	2.5	5	6.5
Loading capacity to the standard (kg)	1250	2000	625	1250	1625
Dimensions A x B x C (mm)	1950 x 2420 x 1650	1950 x 3050 x 1950	2040 x 1370 x 1570	2040 x 2080 x 1820	2430 x 2180 x 1780
	16 / – / –	16 / – / –	18 / – / 64	12 / – / 35	12 / – / –

OPTIONAL EQUIPMENT

central brake	–	–	○	○	○
lid lock	○	○	●	●	●
crane pins	○	○	○	○	○
metal lid	–	–	●	●	●
plastic lid	●	●	○	○	○
lifting of the lid: springs/dampers	–	–	●	●	●

● yes ○ optional – not available

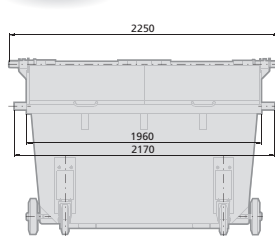


LARGE-VOLUME EURO-TROLLEYS 2.5–7 m³

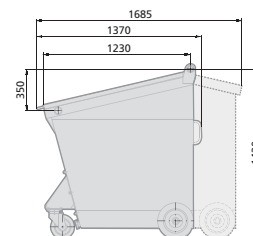


Type: 1174PZ2

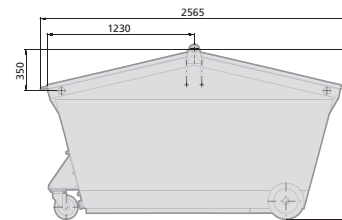
Type: 1173PZ2



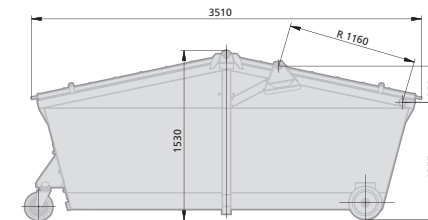
2.5–7 m³



2.5 / 3 m³



5 m³



7 m³

TO EN 12574-1 (DIN 30737)

Technical solution – constructional details



1) adaptation for lid lock

4) varnished option

2) plastic lid lock detail

5) lock detail – gravity system

3) lid arrest in open position

6) arrest in open position with damper

Type: 1173 / 1174 / 1177

- Robust steel structure reinforced by peripheral frame.
- Two- or one-piece lockable lid of galvanized sheet or Aluminium sheet.
The trolley is equipped with a damper or spring for easy opening of the lid.
- The trolleys can be delivered with plastic lids Duraflex without dampers, also Lockable, in colour shades and arrest in open position.



• european standard

22



Surface:
hot dip galvanized
to EN ISO 1461



Metal sheet thickness:
upon agreement and
acc. to the type



Volume:
2.5 / 3 / 5 / 7 m³



Loading capacity:
1000–1750 kg



Weight:
approx. 250–440 kg
acc. to the design



2 swivelling



2 fixed wheels



Loading method:
stacking 2 pcs



24 / 12 / 8 pcs

LARGE-VOLUME EURO-TROLLEYS 2.5–7 m³



Type: 1274

Type: 1273



- robust alternative
- high mechanical resistance



Surface:
hot dip galvanized
to EN ISO 1461



Metal sheet thickness:
upon agreement and
acc. to the type



Volume:
2.5 / 3 / 5 / 7 m³



Loading capacity:
1000–1750 kg



Weight:
approx. 250–440 kg
acc. to the design

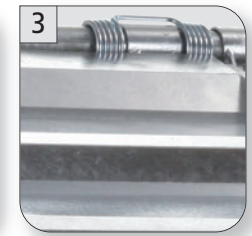
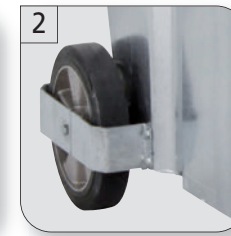
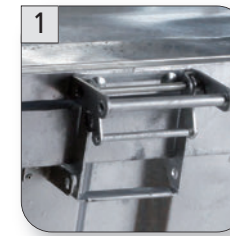


4 / 2 swivelling



0 / 2 fixed wheels

Technical solution – constructional details



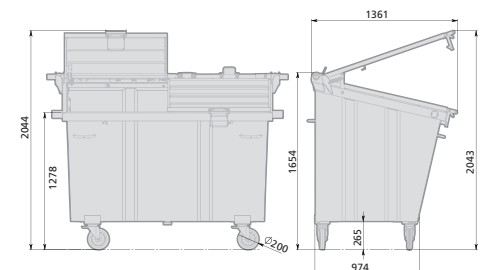
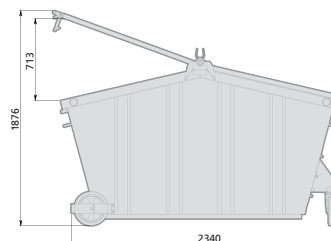
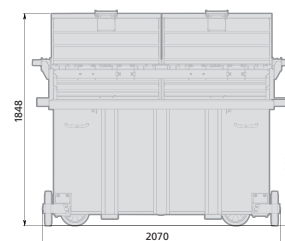
- 1) combination of a handle with lid lock
- 2) rear wheel protective frame
- 3) lid lifting springs



Type: 1174WE ☐ Volume: 7 m³

Type: 1273 / 1274

- Robust steel structure reinforced by peripheral frame.
 - Two- or one-piece lockable lid of galvanized sheet.
- The trolley is equipped with a damper or spring for easy opening of the lid.



TO EN 12574-1 (DIN 30737)



Loading method:
stacking 2 pcs

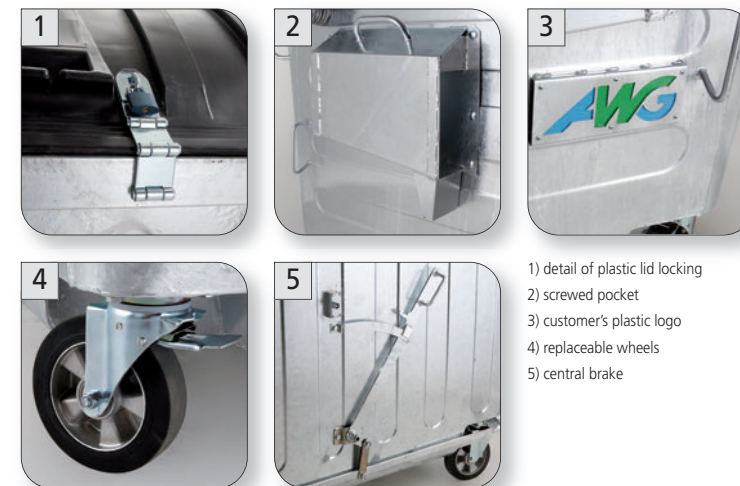


20 / 12 pcs

TROLLEYS WITH FRONT DISCHARGING 2.5–6.5 m³



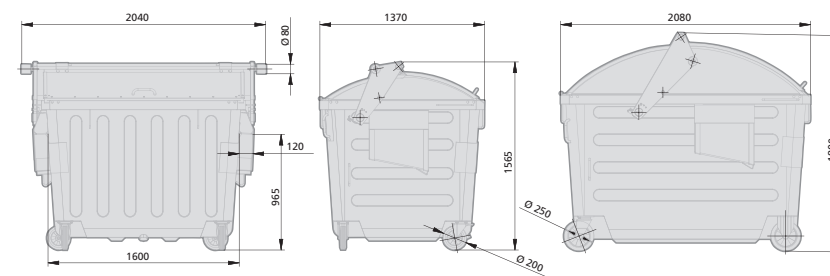
Technical solution – constructional details



- 1) detail of plastic lid locking
- 2) screwed pocket
- 3) customer's plastic logo
- 4) replaceable wheels
- 5) central brake

Type: 1190 / 1195

- Designed particularly for collection of household, sorted and industrial waste.
- Useful in shopping centres, industrial zones, petrol stations, recreation areas, sports areas, etc.
- Optional installation of wheels, central brake, lid lock, lightweight aluminium lid, stickers with texts, etc.
- Optional stackable design, suitable for transportation on long distances.



TO EN 12574-1 (DIN 30738)



- most-sold large-volume trolleys
- optional stackable design

24



Surface:
hot dip galvanized
to EN ISO 1461



Metal sheet thickness:
1.5 mm or 1.8 mm
upon agreement



Volume:
2.5 / 4.5 (5) / 6.5 m³



Loading capacity:
625 / 1125 / 1625 kg



Weight:
260 / 340 / 390 kg
acc. to the design



2.5 m³: 4 swivelling (2 with brakes)
4.5 m³: 2 swivelling with brake
6 m³: 2 swivelling with brake



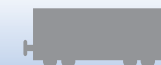
2.5 m³: –
4.5 m³: 2 fixed
6 m³: 2 fixed



Loading method:
stacking 2–8 pcs



18 / 12 pcs



– pcs



64 / 35 pcs

WIRE MESH TROLLEYS



Type: 12393 □ Volume: 1000 l ▽ Dimensions: 1380 x 1030 x 930 mm



Type: 1234-VS □ Volume: 800 l ▽ Dimensions: 1260 x 780 x 1170 mm



Type: 1232X □ Volume: 2000 l ▽ Dimensions: 1665 x 1070 x 1640 mm



Type: 1232A □ Volume: 2000 l ▽ Dimensions: 1665 x 1070 x 1640 mm



- lightweight, easy to handle
- variable design

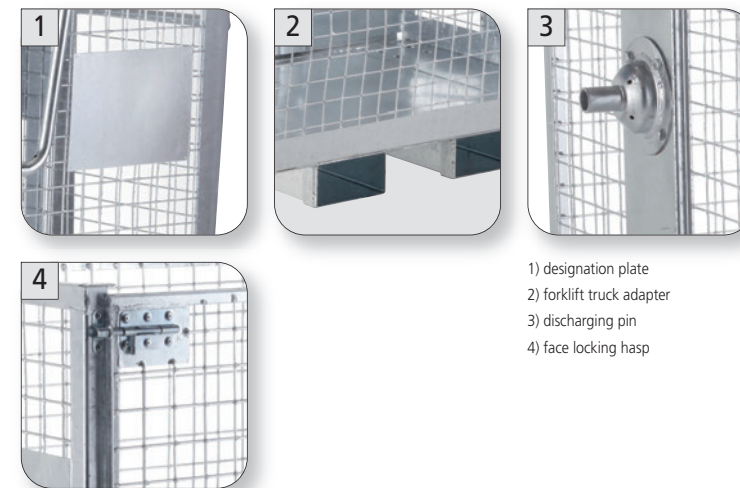


Surface:
hot dip galvanized
to EN ISO 1461

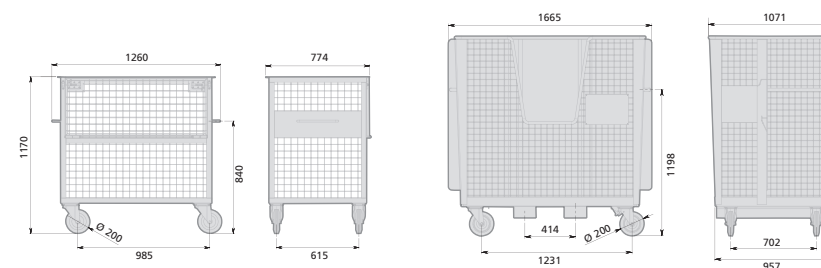


4 swivelling
wheels
(2 with brakes)

Technical solution – constructional details



- The lightweight trolleys are easy to manipulate; designed particularly for storage areas of supermarkets, production halls or collecting yards.
- Designed, above all, for collection of bulky lightweight sorted waste (cardboard, paper boxes, plastic, foils, etc.).
- Made of hot dip galvanized or varnished materials.
- The trolleys can also be completed with discharge and manipulation adapters.



Loading method:
stacking 2–3 pcs






– pcs

PRODUCTION PROGRAMME

RETURN WITHDRAWAL

TEXTILE, ELECTRIC DEVICES, METALS




Type	1655	1629	1627	15205	15206	15208
EN ISO	–	–	–	–	–	–
Volume (l)	1500	2000	2300	2000	2000	2000
Weight (kg)	120	160	170	280	1200	800
Loading capacity to the standard (kg)	375	500	575	800	800	800
Dimensions A x B x C (mm)	1105 x 900 x 1690	1145 x 1140 x 1980	1145 x 1140 x 2230	1200 x 1300 x 1630	1270 x 1365 x 1780	1350 x 1250 x 1750
  	22 / 24 / –	22 / 24 / –	22 / 24 / –	20 / 22 / –	10 / 12 / –	9 / 12 / –

TECHNICAL PARAMETERS





TECHNICAL PARAMETERS

Type	1290 / 1291	1299	1258	5950	1254	6049
EN ISO	–	–	–	–	–	–
Volume (l)	230	1000	800	800	500	280
Weight (kg)	80 / 60	250	230	190	180	186
Loading capacity to the standard (kg)	310	3000	1500	1200	1000	1500
Dimensions A x B x C (mm)	715 x 715 x 845	1077 x 1077 x 1180	1200 x 1000 x 1290	1200 x 1000 x 1240	1200 x 1000 x 910	1245 x 820 x 726
	162 / 189 / –	–	–	–	–	–



CONTAINERS FOR TEXTILE



Type: 1629 Volume: 2000 l



Type: 1655 Volume: 1500 l



Type: 1627 Volume: 2300 l



• volume series 1.5–10 m³



Surface:
hot dip galvanized
to EN ISO 1461



Metal sheet thickness:
1–1.25 mm

Technical solution – constructional details



- 1) lock cover
- 2) drip ledge detail
- 3) safe throwing-in
- 4) optional advertisement

- Used for collection of old textile, footwear, plush toys, etc.
- Suitable particularly in areas with high concentration of people, such as shopping centres, schools, collecting yards, etc..). Strong structure and quality workmanship guarantee long life span. The contents remain dry even in rainy and windy weather.
- Protection against vandalism effective thanks to extraordinary robust door.



CONTAINERS FOR ELECTRIC WASTE



- secured against intrusion
- resistant to rollover



Surface:
hot dip galvanized
to EN ISO 1461



Metal sheet thickness:
1.5–2 mm

Technical solution – constructional details



1) throw-in hole detail

2) concrete containers type 15206

3) detail of the concrete bottom, type 15208



Type: 15206 Volume: 2000 l

- Used for collection of sorted waste, such as electric devices, batteries, metals.
- Hot dip galvanized supporting structure, galvanized metal sheet jacketing.
- Optional varnishing, noise-reduction cladding, information stickers.
- Resistant to intruders.
- Secured against overturning.
- Various types of throw-in holes.

CONTAINERS FOR DANGEROUS WASTE

Type: 1290 – pastelike substances

- Volume: 230 l
- Dimensions: 715 x 715 x 845 mm
- Weight: 80 kg
- Loading capacity: 310 kg



Type: 1291 – liquid substances

- Volume: 230 l
- Dimensions: 715 x 715 x 845 mm
- Weight: 60 kg
- Loading capacity: 310 kg

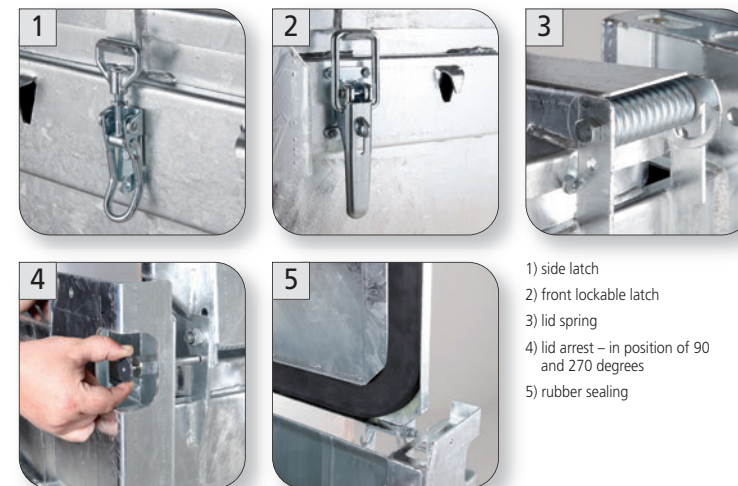


Type: 5950 – pastelike substances

- Volume: 800 l
- Dimensions: 1200 x 1000 x 1240 mm
- Weight: 190 kg
- Loading capacity: 1200 kg

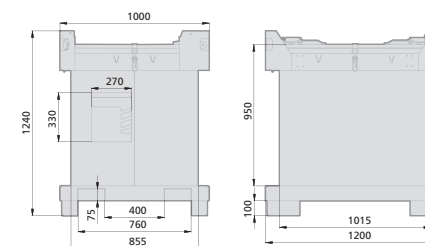


Technical solution – constructional details



- 1) side latch
- 2) front lockable latch
- 3) lid spring
- 4) lid arrest – in position of 90 and 270 degrees
- 5) rubber sealing

- ADR certificate – Atest No. IMET 1630.
- Robust certified structure.
- Stackable.
- Suitable for transport and storage of dangerous substances.
- Easy manipulation.
- Optional fixing of inner protective insert.



- new product
- certified



Surface:
hot dip galvanized
to EN ISO 1461



Metal sheet thickness:
2-3 mm



Loading method:
stacking 3 pcs

CONTAINERS FOR SOLID DANGEROUS WASTE



Type: 1254

- Volume: 500 l
- Dimensions: 1200 x 1000 x 910 mm
- Weight: 180 kg
- Loading capacity: 1000 kg



Type: 1258

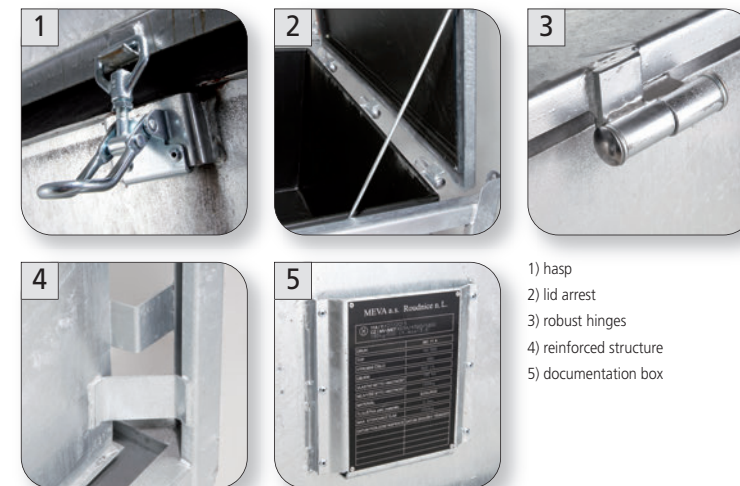
- Volume: 800 l
- Dimensions: 1200 x 1000 x 1290 mm
- Weight: 230 kg
- Loading capacity: 1500 kg



Type: 6049

- Volume: 280 l
- Dimensions: 1245 x 820 x 726 mm
- Weight: 186 kg
- Loading capacity: 1500 kg

Technical solution – constructional details



- 1) hasp
- 2) lid arrest
- 3) robust hinges
- 4) reinforced structure
- 5) documentation box

Type: 1254, 1258

- Suitable for storage and transport of solid and pastelike substances.
- Stackable in three layers.
- Structure made of steel beams and sheets, adapted for manipulation with crane and forklift truck; lid with foam rubber sealing, arrest in open position.
- Pocket for accompanying documents.
- Utilised in the system of e-container carriers, mobile collecting centres, etc.
- Optional varnishing of inner and outer surfaces, hot dip galvanized, rubber lining.

Type: 6049

- Versatile use thanks to the design.
- Inner rubber-coated vat allows storage of car batteries.
- The container is equipped with lid arrest and adapted for manipulation with crane or forklift truck.



- certified
- versatile use



Surface:
hot dip galvanized
to EN ISO 1461




Metal sheet thickness:
3 mm



Loading method:
stacking 2–3 pcs



TECHNICAL PARAMETERS

typ	1002	1006	1008	1004	1014	1016
EN ISO	DIN 6629	DIN 6629	DIN 6629	DIN 6629	DIN 6629	DIN 6629
Volume (l)	70	110	110	70	90	110
Loading capacity to the standard (kg)	44	44	44	44	44	44
Dimensions A x C (mm)	Ø 462 x 578	Ø 462 x 870	Ø 462 x 870	Ø 480 x 578	Ø 480 x 765	Ø 480 x 895
	550 / 600 / 400	460 / 600 / 400	460 / 600 / 400	550 / 600 / 400	440 / 600 / 400	330 / 600 / 400

OPTIONAL EQUIPMENT

surface treatment	zinc coated	zinc coated	zinc coated	hot dip galvanized	hot dip galvanized	hot dip galvanized
Lock lid	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
separation lid	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
customer's logo stamping	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

● yes ○ optional – not available



ASH BINS 70 / 90 / 110 LITRES



HOT DIP GALVANIZED

GALVANIZED SHEETS



Type: 1016

Volume: 110 l

Type: 1014

Volume: 90 l

Type: 1004

Volume: 70 l



Metal sheet thickness:
1 mm



Type: 1008

Volume: 110 l

Metal sheet thickness:
1 mm

Type: 1006

Volume: 110 l

Metal sheet thickness:
0.8 mm

Type: 1002

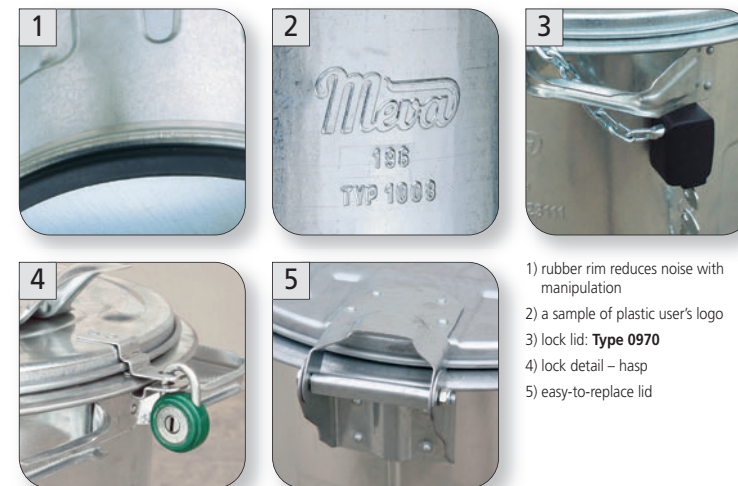
Volume: 70 l

Metal sheet thickness: 0.8 mm



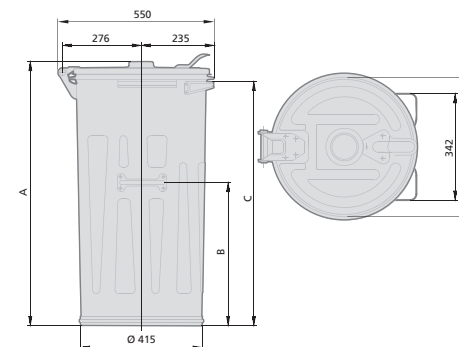
• Meva standard

Technical solution – constructional details



- 1) rubber rim reduces noise with manipulation
- 2) a sample of plastic user's logo
- 3) lock lid: **Type 0970**
- 4) lock detail – hasp
- 5) easy-to-replace lid

- The bins are suitable for collection of solid household waste from family houses.
- Bottoms of the bins are provided with rubber rims to reduce significantly noise with manipulation.
- The discharging hinges correspond to standard DIN 6629.
- Optional stamping of a user's logo.
- Optional colour varnishing.
- Optional adaptation for inserting plastic bags.
- Optional locking of the lid.



TYPE	A (mm)	B (mm)	C (mm)	D (mm)
1004	578	375	510	480
1014	765	475	670	480
1016	895	500	805	480
1002	578	384	510	462
1006	870	456	803	462
1008	870	456	803	462

TO DIN 6629



Loading method:
stacking 4 or 5 pcs

PRODUCTION PROGRAMME

BARRELS 200 / 216.5 LITRES

WITH A PLUG



2" plug in the bottom

2" plug in the bottom
3/4" plug in the bottom

2" plug in the bottom
3/4" plug in the bottom
2" in the shell

2" in the shell

WITH REMOVABLE LID



Clamping ring

Clamping ring
with bolt

VOLUME (l) ± 3%		BOTTOM thickness (mm)	SHELL thickness (mm)	SURFACE TREATMENT	CLOSURE		DEAERATION HOLE IN THE BOTTOM	HEIGHT ± 3 mm	
200	216.5				BOTTOM	SHELL		200	216.5
0443	0412	1.2	1.2	Zn	G2"		G 3/4"	820	880
0446	0415	1.2	1.2	Zn	G2"			820	880
0449	0418	1.2	1.2	Zn		G2"		820	880
0452	0421	1.2	1.2	Zn		G2"	G 3/4"	820	880
0455	0424	1	1	Zn	G2"		G 3/4"	820	880
0458	0427	1	1	Zn	G2"			820	880
0461	0430	1	1	Zn		G2"		820	880
0464	0433	1	1	Zn		G2"	G 3/4"	820	880
0455/E	0424/E	1	0.8	Zn	G2"		G 3/4"	820	880
0458/E	0427/E	1	0.8	Zn	G2"			820	880
0461/E	0430/E	1	0.8	Zn		G2"		820	880
0464/E	0433/E	1	0.8	Zn		G2"	G 3/4"	820	880
0464/1	0433/1	1	1	Zn	G2"	G2"	G 3/4"	820	880

VOLUME (l) ± 3%		LID BOTTOM thickness (mm)	SHELL thickness (mm)	CLAMPING RING WITH BOLT	CLAMPING RING WITH LEVER	HEIGHT ± 3 mm	
200	216.5					200	216.5
0485	0473	1.2	1.2	X		820	880
0488	0476	1.2	1.2		X	820	880
0491	0479	1	1	X		820	880
0494	0482	1	1		X	820	880
0491/E	0479/E	1	0.8	X		820	880
0494/E	0482/E	1	0.8		X	820	880
0485/D		1.2	1.2	X		820	
0488JO		1.2	1.2		X	820	

METAL BARRELS WITH PLUGS 200 / 216.5 LITRES



Technical solution – constructional details



1) detail of a 2" plug
2) detail of a 3/4" plug
3) stamping on the lid
4) detail of sealing flanges
5) detail of sealing
6) key for 2" and 3/4" plugs

- The barrel is suitable for transport and storage of liquid substances. Stamping on the lid means approval for transport according to international regulations:

IMDG-Code marine transport
RID railway transport
ADR road transport

- The barrel is made of steel galvanized sheets. The shell is welded and reinforced by pressed stiffeners. The bottom and lid are connected with the shell by multiple safety folding. A sealing substance is applied in the folding to provide tightness that is examined with each barrel.

- The filling hole is closed by a plug that can be secured by a protective cap with a tear-off strip. This ensures original condition of the packing.

- The design enables multiple use, minor repairs and recycling.



• for chemical industry



Metal sheet thickness: 0.8–1.2 mm



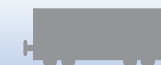
Volume: 200 / 216.5 l



Storage method:
usually in standing position



250 (324) pcs



250 pcs

METAL BARRELS REMOVABLE LIDS 200 / 216.5 LITRES



Typ: 0485/D
Used for transport
of uranium concentrate.



Typ: 0488JO
Used for storage
of nuclear waste



• certified also for nuclear waste

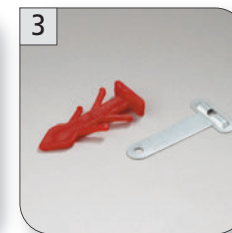
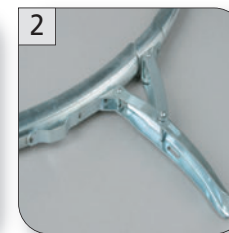
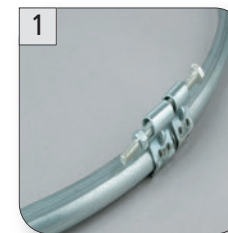


Metal sheet thickness: 0.8–1.2 mm



Volume: 200 / 216.5 l

Technical solution – constructional details



- 1) detail of the clamping ring with bolt
- 2) detail of the clamping ring with lever
- 3) metal and plastic seal
- 4) detail of the sealing rubber

- The barrel is suitable for transport and storage of loose, pastelike and solid substances.
- Stamping on the barrel bottom means approval for transport according to international regulations:

IMDG-Code	marine transport
RID	railway transport
ADR	road transport
- The barrel is made of steel galvanized sheets. The shell is welded and reinforced by pressed stiffeners. The bottom and lid are connected with the shell by multiple safety folding.
- The lid is provided with a rubber sealing and secured by a clamping ring with outer lever closure or bolt.
- The design enables multiple use, minor repairs and recycling.



Storage method:
usually in standing
position



250 (324) pcs




250 pcs

PROD. PROGRAMME CONTAINERS WITH BOTTOM DISCHARGE



TECHNICAL PARAMETERS

Type	5459	5468/A	5464	15152	15202	15251
EN ISO	–	–	–	–	–	–
Volume (l)	1.1	1.5	2.5	1.5	2	2.5
Weight (kg)	150	175	250	200	240	280
Loading capacity to the standard (kg)	275	600	625	600	800	625
Dimensions A x B x C (mm)	1170 x 982 x 1492	1170 x 982 x 1684	1928 x 982 x 1684	950 x 1200 x 1790	1200 x 1200 x 1790	1450 x 1200 x 1790
	26 / 30 / –	26 / 30 / –	13 / 15 / –	28 / 30 / –	22 / 24 / –	18 / 20 / –

OPTIONAL EQUIPMENT

colour lids	●	●	●	–	–	–
reinforced design	–	–	–	○	○	○
lid for separation	●	●	●	●	●	●
stamping of customer's logo	○	○	○	○	○	○

● yes ○ optional – not available



CONTAINERS WITH BOTTOM DISCHARGE 1.1 / 2.5 m³

Type: 5468/A

- Volume: 1.5 m³
- Dimensions: 1170 x 982 x 1684 mm
- Weight: 175 kg



Type: 5464

- Volume: 2.5 m³
- Dimensions: 1928 x 982 x 1684 mm
- Weight: 250 kg



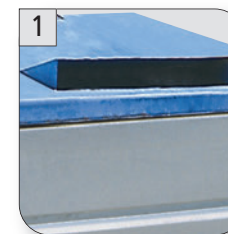
Special design
- Visual check of filling

Type: 5459

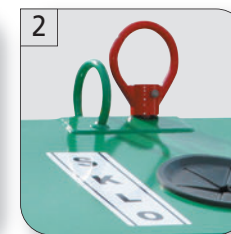
- Volume: 1.1 m³
- Dimensions: 1170 x 982 x 1492 mm
- Weight: 150 kg



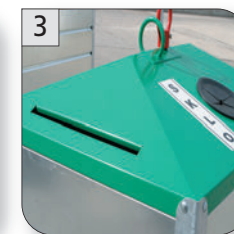
Technical solution – constructional details



1) throw-in hole for paper and cardboard

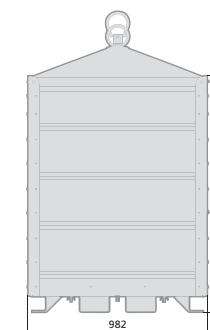
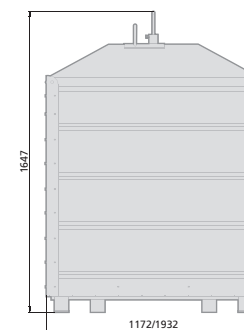


2) detail of suspension



3) combined throw-in hole for flat glass

- These containers are designed particularly for collection and manipulation with sorted household waste, i.e. paper, glass, plastic, AL packing, etc.
- Surface treatment by hot dip galvanized and polyester paint of the lid with smooth shiny surface guarantees long life span.
- Robust supporting frame and profiled side walls provide higher loading capacity; in case of the 1.5 m³ container this provides loading capacity up to 850 kg.
- Optional customised size and shape of throw-in holes including colour distinguishing of the lid.



- high utility value
- good price



Surface: hot dip galvanized main parts to EN ISO 1461



Metal sheet thickness:
shell 1.2 mm, lid 1.8 mm,
supporting components 3 mm



Storage method:
individually

CONTAINERS WITH BOTTOM DISCHARGE 1.5 / 2 / 2.5 m³

Technical solution – constructional details



Type: 15152

- Volume: 1.5 m³
- Dimensions: 950 x 1200 x 1790 mm
- Weight: 200 kg

Type: 15251

- Volume: 2.5 m³
- Dimensions: 1450 x 1200 x 1790 mm
- Weight: 280 kg

Type: 15202

- Volume: 2 m³
- Dimensions: 1200 x 1200 x 1790 mm
- Weight: 240 kg



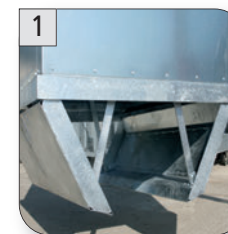
• safe storage of waste



Surface: hot dip galvanized main parts to EN ISO 1461

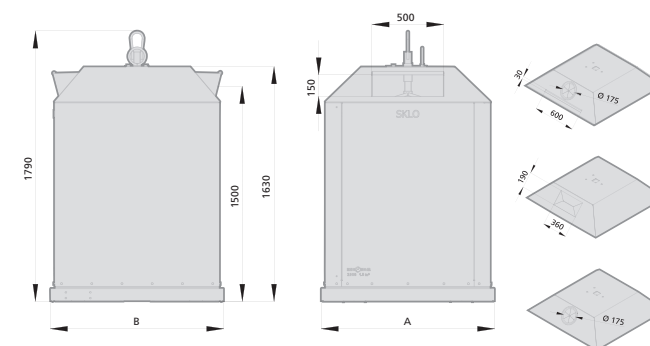


Metal sheet thickness: shell 1.2 mm, lid 1.8 mm, supporting components 3 mm



- 1) detail of tipping
- 2) detail of chute

- Suitable for collection of sorted waste, such as paper, Glass, plastic, Tetrapack, metals.
- Hot dip galvanized supporting structure, shell made of galvanized metal sheets.
- Optional varnishing, noise reduction lining, information stickers.
- Discharge using a double-hook system.
- Robust structure.
- Throw-in hole dimensions prevent undesired withdrawal of waste.



Storage method: individually

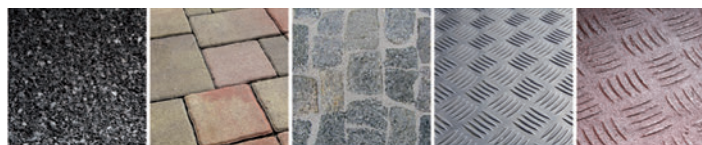
2/ UNDERGROUND CONTAINERS



TOP SYSTEM



- attractive and functional
- large volume
- does not require much space
- prevents refuse being removed
- eliminates odour
- easy to operate
- non-flammable
- subsidised resources from EU priority axis 3.2



Commonly used coverings of walk-on platform

- recycled rubber
- interlocking paving stones
- natural stone
- patterned aluminium tread plate
- patterned aluminium tread plate with anti-slip finish



Finish:
hot dipped galvanized
according to EN ISO 1461



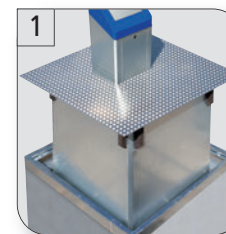
Thickness of sheet
metal:
2–5 mm



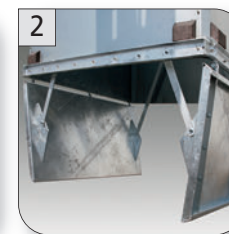
Volume:
3 / 4 / 5 m³

ACCORDING TO EN 13071-2

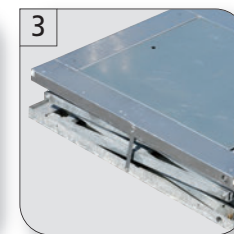
Technical solution – constructional details



1) container being raised



2) detail of tipping

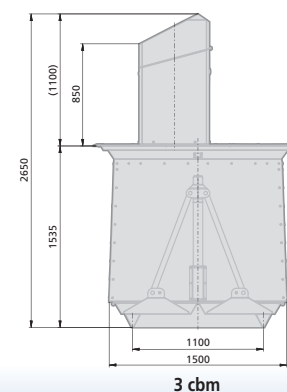


3) sliding safety floor

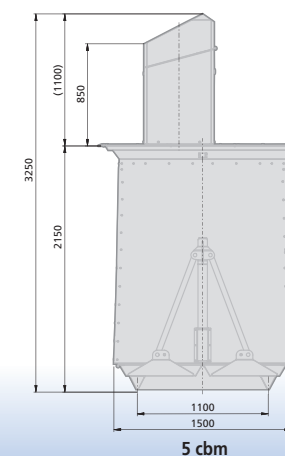
TOP

- The greatest advantage of TOP system underground containers is their **EASE OF USE**.
- The actual container is fixed permanently to the walk-on platform and thus also the rubbish chute. As a result the entire container slides out when being emptied. It empties through the bottom, i.e., by opening the bottom. When the container is lifted, the safety floor automatically slides out to prevent the operators or passers-by from falling into the hole.
- The containers comply with the requirements of standard EN 13071-2 and fire safety of buildings according to ČSN 7300821.

TECHNICAL PARAMETERS	2 m ³	3 m ³	4 m ³	5 m ³
Height (mm)	1010	1535	1765	2150
Dimensions of base (mm)	1570 x 1540	1570 x 1540	1570 x 1540	1570 x 1540
Weight (kg)	290–420	350–490	400–530	450–590

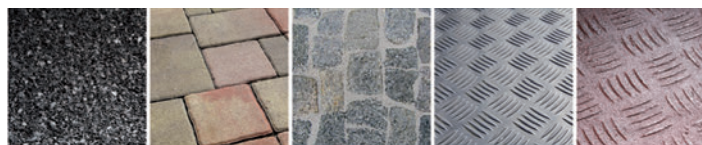


3 cbm



5 cbm

KLAP SYSTEM



Commonly used coverings of walk-on platform

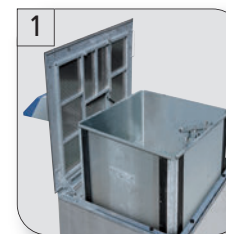
- recycled rubber
- interlocking paving stones
- natural stone
- patterned aluminium tread plate
- patterned aluminium tread plate with anti-slip finish

- attractive and functional
- large volume
- does not require much space
- prevents refuse being removed
- eliminates odour
- easy to operate
- non-flammable
- subsidised resources from EU priority axis 3.2

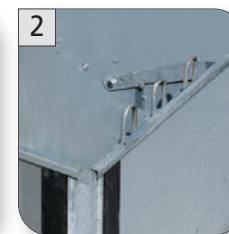


ACCORDING TO EN 13071-2

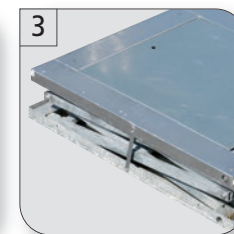
Technical solution – constructional details



1) container being tipped



2) detail of container



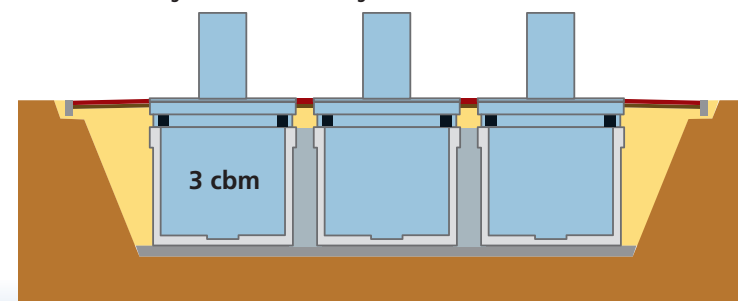
3) sliding safety floor

KLAP

- The main advantage of the KLAP system is its **LOW WEIGHT**.
- This is because the entire container is divided into two parts. The first is the walk-on platform with rubbish chute, and the second is the actual rubbish container. During emptying the walk-on platform is opened with the chute, and only the rubbish container goes up. It empties through the bottom, i.e., by opening the bottom.
- Another advantage of this type of container is the possibility to select from a wider range of volumes. The individual variants can contain from two to five cubic metres of rubbish.
- When the container is lifted, the safety floor automatically slides out to prevent the operators or passers-by from falling into the hole.
- The containers comply with the requirements of standard EN 13071-2 and fire safety of buildings according to ČSN 7300821.
- Possibility of electrical opening of floor (walk-on platform).

TECHNICAL PARAMETERS	2 m³	3 m³	4 m³	5 m³
Height (mm)	1010	1315	1650	2010
Dimensions of base (mm)	1570 x 1540	1570 x 1540	1570 x 1540	1570 x 1540
Weight (kg)	290-420	350-490	400-530	450-590

Cross-section through installation of underground containers



- steel construction of container
- interlocking paving stones
- fine gravel
- gravel fill
- simple concrete without rebars B 15
- concrete with rebars (reinforced concrete)
- concrete vessel of container
- original soil



Finish:
hot dipped galvanized
according to EN ISO 1461



Thickness of sheet
metal:
2-5 mm

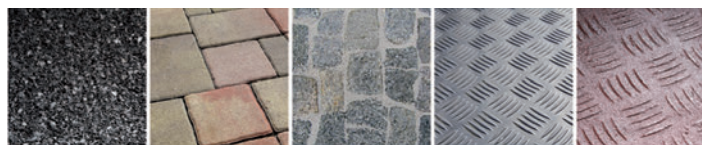


Volume:
2 / 3 / 4 / 5 m³

GRUMBACH SYSTEM



- attractive and functional
- large volume
- does not require much space
- prevents refuse being removed
- eliminates odour
- easy to operate
- non-flammable
- subsidised resources from EU priority axis 3.2



Commonly used coverings of walk-on platform

- recycled rubber
- interlocking paving stones
- natural stone
- patterned aluminium tread plate
- patterned aluminium tread plate with anti-slip finish



Finish:
hot dipped galvanized
according to EN ISO 1461



Thickness of sheet
metal:
2–5 mm



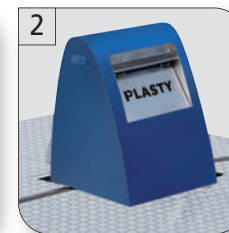
Volume:
3 m³

ACCORDING TO EN 13071-2

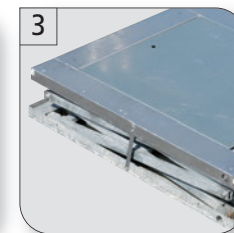
Technical solution – constructional details



1) hatch of container



2) example of chute with marking

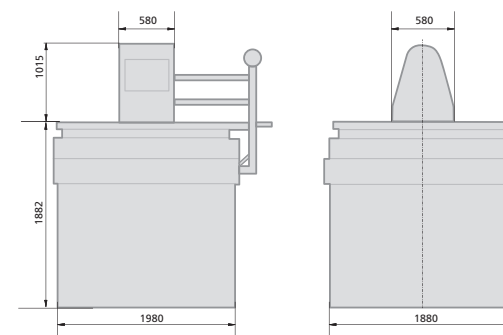


3) sliding safety floor

GRUMBACH

- The GRUMBACH system's greatest advantage is **RAPID EMPTYING**.
- The different system for handling and emptying using hydraulic tongs is a fundamental characteristic of this type of container. Before emptying the entire waste chute slides off, and the actual container is grasped by tongs. The container is opened fully in order to empty it. Handling is fast and precise.
- When the container is lifted, the safety floor automatically slides out to prevent the operators or passers-by from falling into the hole.
- The containers comply with the requirements of standard EN 13071-2 and fire safety of buildings according to ČSN 7300821.

TECHNICAL PARAMETERS	3 m ³
Height (mm)	1415
Dimensions of base (mm)	1570 x 1540
Weight (kg)	350–490



RUBBISH CHUTES



BOLERO

- conventional rubbish chute flap with swing upper part
- material stainless steel, metallized steel highly resistant synthetic colour
- different colours upon request variants with chute flaps

Dimensions of chute:
width590 mm
depth590 mm
height1.100 mm



ZEMI

- elegant rubbish chute flap made of stainless steel
- highly resistant to weather influence

Dimensions of chute:
width540 mm
depth630 mm
height1.075 mm



FLAMENGO

- robust chute with drum for collecting bulky separated and general waste
- material stainless steel, plated steel, highly robust synthetic paint

Dimensions of drum:
diameter450 mm
width550 mm

Dimensions of chute:
width590 mm
depth630 mm
height1.075 mm

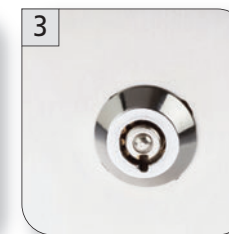


GRUMBACH

- special chute intended solely for Grumbach system
- during emptying, the entire chute slides out the actual container
- vandal proof
- the chute can also be for different commodities, most often separately for clear and coloured glass
- material aluminium, highly robust synthetic paint

Dimensions of chute:
width580 mm
depth588 mm
height1.015 mm

Technical solution – constructional details



- 1) quality finish of chute
- 2) detail of marking
- 3) detail of lock
- 4) possibility of customer logo stamped on
- 5) detail of flap of chute Bolero

- Perfect surface finish - stainless steel /plated steel painted with powder paint or highly robust synthetic paint.
- Chute openings for separated and mixed waste.
- Colour variants at the wishes of the customer.
- Possibility of antigraffiti surface finish.
- Possibility of embossed logo of city, name of separated commodity.



- perfect workmanship, modern design
- possibility of marking
- safety



Thickness of sheet metal:
2-4 mm

Material version:
painted steel / stainless steel / plated steel / antigraffiti finish

ACCORDING TO EN 13071-2

INSTALLATIONS OF UNDERGROUND CONTAINERS



Strakonice



Mladá Boleslav



Děčín



Tábor



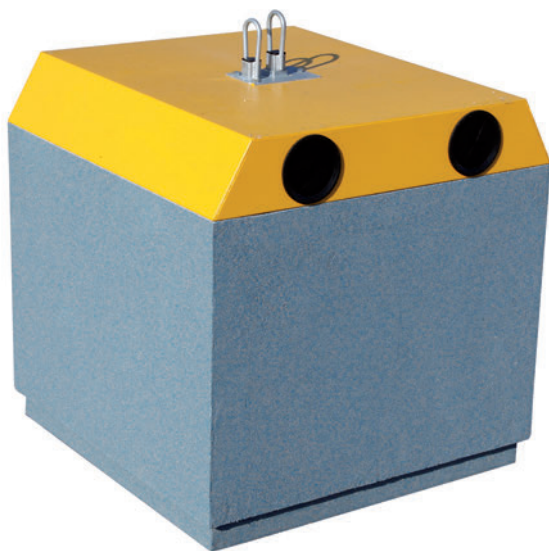
Prague



Litoměřice

SEMI-UNDERGROUND CONTAINERS, UNDERGROUND WASTE BINS

SEMI-UNDERGROUND CONTAINERS



- large volume, resistant to spillage
- lower purchase costs than in the case of underground containers



Finish:
hot dipped galvanized
according to EN ISO 1461



Thickness of sheet
metal:
3–5 mm

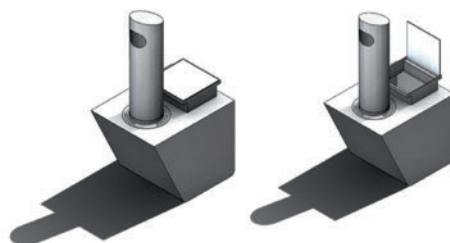
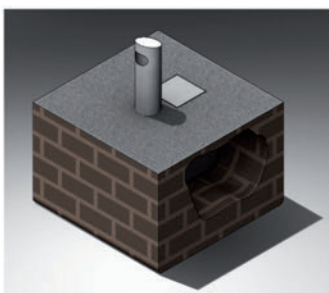
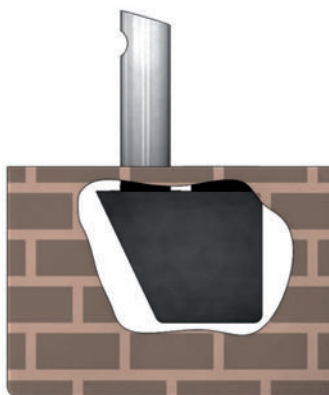


Volume:
2.8 / 3.5 m³



Weight:
250 / 325 kg

UNDERGROUND WASTE BINS



NEW



- easy emptying
- lower purchase costs than in the case of underground containers



Finish:
hot dipped galvanized
according to EN ISO 1461

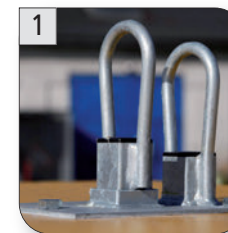


Thickness of sheet
metal: 3–5 mm
(steel, stainless steel)

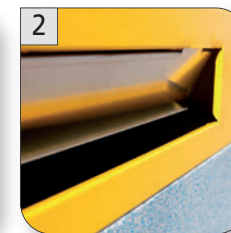


Volume:
750 l

Technical solution – constructional details



1) two-hook emptying system



2) detail of chute (variant)

Semi-underground containers

- Whereas underground containers are the ideal solution mainly for historic city centres, the best utilisation of semi-underground containers is on housing estates. Their advantages include easier installation.
- As the name itself implies, the containers are only partly (one third) underground. As a result it is not necessary to dig a big hole to install them. In spite of the fact that they are mostly above ground, they retain many of the advantages of underground containers. For example, no one can move them, which eliminates the danger of them being tipped over and spilling.
- Semi-underground containers are also fire resistant and have a volume up to three times greater than conventional containers for separated waste.
- They are emptied just like underground containers, i.e., by being pulled out of the shaft and the simple opening of the bottom.

ACCORDING TO EN 13071-2

WE ARE CURRENTLY WORKING ON

Underground waste bins

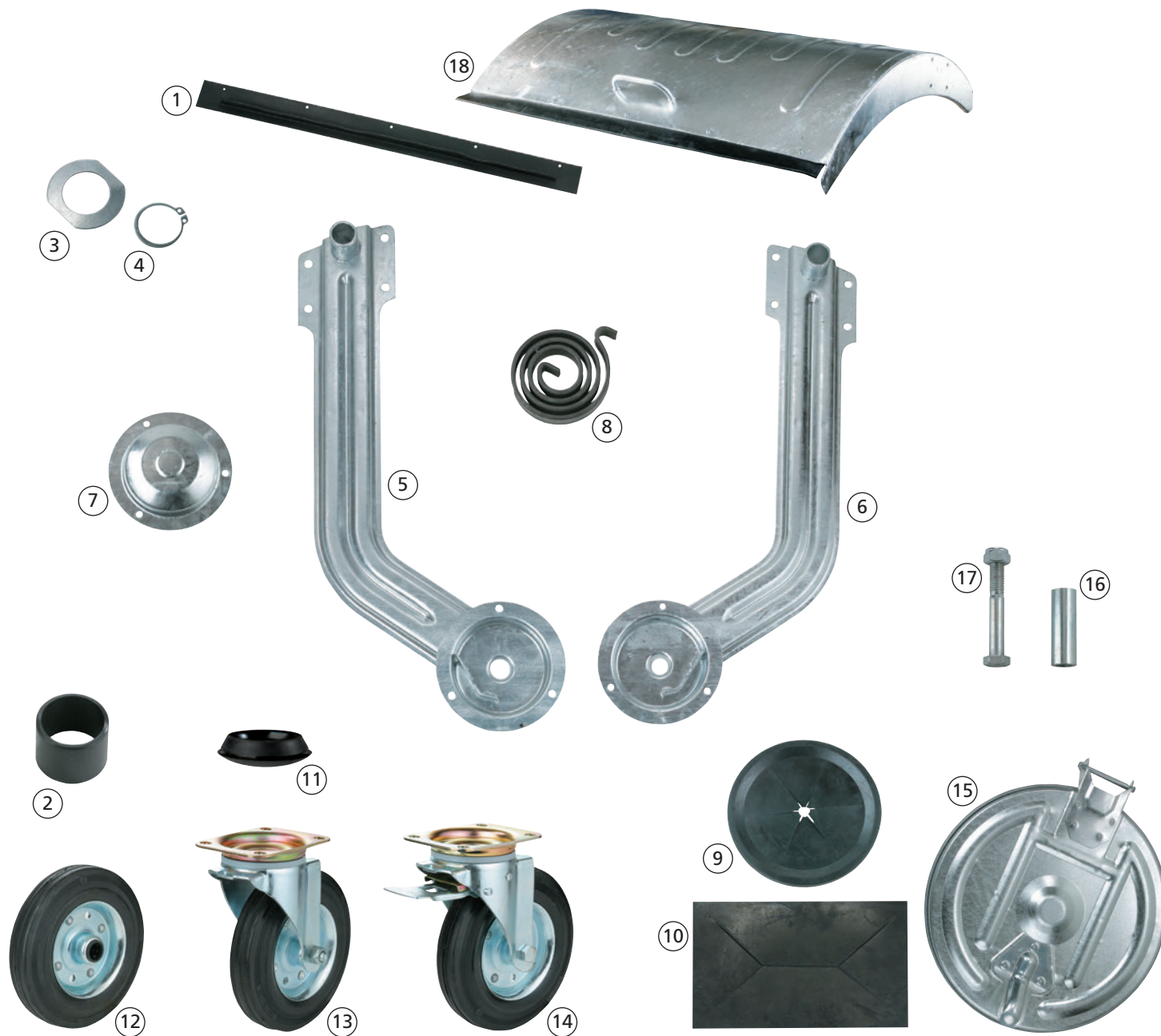
- Large-capacity waste bin with volume of up to 750 l.
- Above ground there is only a conventional waste bin, but below the surface there is an underground receptacle which can contain several hundred litres of waste. Underground waste bins can be used in places where there is a large concentration of people (city centres, pedestrian precincts etc.).
- Waste is sucked out of the bins by the vacuum system of a sweeping machine.

SPARE PARTS



CONTAINERS 1100 L, ASH BINS

- 1 Rubber collar (for 1031, 1132)
- 2 Polyamide lever insert (for 1031)
- 3 Lever insert (for 1031)
- 4 Lever spacer (for 1031)
- 5 Left lever (for 1132)
- 6 Right lever (for 1132)
- 7 Spring cover (for 1132)
- 8 Spring (for 1132)
- 9 Round insertion hole (for 1031, 1132)
- 10 Rectangular insertion hole (for 1031, 1132)
- 11 Case end cap (for 1031, 1132)
- 12 Wheel Ø 200 mm independent (for 1031, 1132)
- 13 Wheel Ø 200 mm swivelling without brake (for 1031, 1132)
- 14 Wheel Ø 200 mm swivelling with brake
- 15 Lid (ash bin)
- 16 Distance tube (ash bin)
- 17 Retaining bolt (ash bin)
- 18 Rounded container lid 1100 l (for 1132)

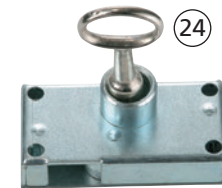
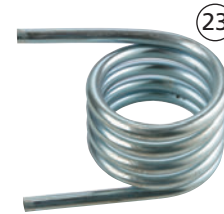
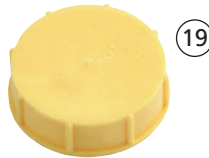


SPARE PARTS



LARGE-VOLUME CONTAINERS

- 19 Neck cover 2" (plastic) FUB, EURO
- 20 FUB travel component
- 21 FUB pin sleeve
- 22 FUB pulley 25 23 FUB spring
- 24 Three-sided lock with key EURO
- 25 Gas absorber EURO
- 26 Swivelling wheel Ø 200 mm without brake FUB
- 27 Swivelling wheel Ø 200 mm with brake FUB, EURO
- 28 Solid wheel endrad Ø 300 mm EURO
- 29 Wheel with fixed fork Ø 250 mm FUB
- 30 Swivelling wheel with brake Ø 250 mm FUB



GENERAL TERMS AND CONDITIONS OF THE COMPANY MEVA a.s. EFFECTIVE AS OF 01.07.2014

Art. 1 – general provisions, subject and performance

- 1.1 **General provisions.** General Terms and Conditions modify the conditions of legal relations in connection to the supply of goods (hereinafter also referred to as the “**Subject matter**”) between the company MEVA a.s., seated in Roudnice nad Labem, Na Urbance 632, ZIP 413 13, Id number: 46708766, registered with the commercial code maintained by the Regional court in Ústí nad Labem, file B 278, as the seller on one side (hereinafter also referred to as “**MEVA**”) and a natural or legal person, as the buyer, on the other side (hereinafter also referred to as “**Purchaser**”; MEVA and Purchaser hereinafter also referred to as “**contractual parties**”).
- 1.2 **Parts of contracts.** The Terms and Conditions MEVA (hereinafter also referred to as “**GTC**”) shall become an integral part of any contract to be concluded as part of business relations within the scope of the Subject matter between MEVA and the Purchaser (hereinafter also referred to as “**Contract**”). Unless the Contract in a specific case contains a different provision, the use of any general terms of the Purchaser or any other general trading terms is excluded. Part of the Contract are also written mutually accepted legal acts (confirmed partial orders based on framework agreements, specification of the subject of delivery, place of delivery etc.) in written or electronic form of communication of the contractual parties as well as any appendices which shall be attached to the Contract in accord with the will of contractual parties as its integral parts.
- 1.3 **Subject of performance.** Subject of performance in accord with the Contract is the supply of products from the current line of products of MEVA, mainly waste bins, containers, propane-butane appliances, breathing apparatus and other goods as well as services of tool shop, machining, pressing, metal manufacturing and coating (hereinafter also referred to as “**goods**”; the term goods includes likewise services and works executed by the company MEVA for the Purchaser in accord with a Contract and the provisions of these GTC shall be applied to the services and works analogically) bindingly stipulated between the supplier and the Purchaser in the Contract.

Art. 2 – conclusion of Contract

- 2.1 **Offer of the company MEVA.** All nonspecific offers of the supplier are considered to be only for reference and are not binding. MEVA is entitled to withdraw even a specific offer even during its acceptance period, which – unless specifically stated in a particular case otherwise – is 14 days from the day of the delivery of the offer to the Purchaser (the person interested in purchasing the goods).
- 2.2 **Order of the Purchaser.** Orders made based on offers of MEVA are considered to be proposals for the entry into a Contract, which MEVA accepts (if he chooses according to his will to accept such proposal), with a written confirmation (acceptance of the offer). Data contained in the order of the Purchaser are binding and the Purchaser may not withdraw an already placed order, nor cancel it or amend it in any way without an express consent of the company MEVA.
- 2.3 **Form of the order.** Purchaser is obligated to submit the order in a written form via letter, e-mail, fax or via e-shop of the company MEVA or on webpages www.meva.eu. MEVA confirms the order also in writing via letter, e-mail, or fax or via e-shop of the company MEVA located at www.meva.eu.
- 2.4 **Acceptance of the company MEVA.** For the conclusion and the content of the Contract and the volume of goods to be delivered is decisive the confirmation of the order by the company MEVA. MEVA is entitled to confirm the order even with a deviation. Any acceptance of the offer of the company MEVA by the Purchaser with any deviation is not an acceptance of the offer and provision § 1740 par. 3 of Act nr. 89/2012 Coll., Civil Code (hereinafter referred to as also as “**NCC**”) is not applicable to the acceptance of any offers of the company MEVA by the Purchaser.
- 2.5 **Subject of contract.** Subject of the contract is the supply of goods within the scope of order confirmed by the company MEVA, transfer of ownership right to such goods, the delivery thereof to the Purchaser and the payment of the purchase price to the company MEVA in accord with the Contract.

Art. 3 – prices, maturity

- 3.1 **Price list of MEVA.** Price of the delivered goods shall always be set in accord with the current price list of the company MEVA, valid as of the day of confirmation of the order by the company MEVA.
- 3.2 **Parts of price.** Prices of the company MEVA apply “ex works the company MEVA” (EXW Roudnice nad Labem – INCOTERMS 2010). Unless from a particular order ensues otherwise, the prices include the set value added tax nor any other taxes or fees. Postage or transportation as well as any other similar expenses shall be billed separately in the amount according to the agreement of the contractual parties or – if such agreement is not in place – in the usual amount.
- 3.3 **Maturity.** Unless stipulated within the Contract otherwise, the price for the goods is payable within 30 days of the issue of the invoice of the company MEVA, which is to be sent to the Purchaser without undue delay. The price is payable to the bank account stated on the invoice of the company MEVA. The day of the payment is considered the day on which the agreed amounts were credited to the bank account of the company MEVA stated on the invoice.
- 3.4 **Set off of the Purchaser.** Offsetting of any claims of the Purchaser against the claims of MEVA for the payment of the price as well as any other monetary payment

in accord with the Contract is excluded without a previous written consent of the company MEVA.

Art. 4 – delivery period and cooperation, delay of the parties

- 4.1 **Delivery period.** Delivery period shall be agreed individually in the Contract. The company MEVA is entitled to reasonably extend the delivery period stipulated in the Contract, however at maximum by two weeks due to reasons not caused by the company MEVA. Contractual parties are in such case bound by the provisions in the Contract for the extension of the delivery period and such extension of delivery period does not present a breach of the Contract.
- 4.2 **Cooperation of the Purchaser.** If the Purchaser fails to provide the company MEVA with necessary cooperation to enable a timely delivery of the goods and if the company MEVA fails to fulfill its obligations due to this, then the period for the performance of obligations of the supplier shall be reasonably extended for each day of the delay of the Purchaser with the provision of cooperation.
- 4.3 **Vis maior.** The time period shall be reasonably extended also in case of obstacle caused by reasons out of the scope of will of the company MEVA such as mobilization, epidemics, war, uprising or such similar events like strike or lockout or any other event excluding liability, which is understood as the obstacle, arising independently of the will of the company MEVA and preventing it from fulfilling its duties.
- 4.4 **Delay of the company MEVA.** In case of delay of the company MEVA, the Purchaser is – if proven that damage was caused to him – entitled to demand a contractual penalty amounting to 0,05% of the price of the part of the delivery with which the company MEVA was in delay, for each terminated week of the delay, always however up to the maximum of 10% of the price of such part of the delivery.
- 4.5 **Damage compensation – company MEVA.** The entitlement of the Purchaser to the compensation of damages caused as a result of delay in excess of the contractual penalty set in the previous sentence, in all cases of delay of the delivery even following the expiration of the delivery period, is excluded.
- 4.6 **Delay of the Purchaser.** In case of delay of the Purchaser with the payment of the price for goods and possibly the agreed transportation costs or any other obligations of the Purchaser, the Purchaser is obligated to pay to the company MEVA an interest on the late payment in the amount of 0,05% from the owed amount for each commenced day of the delay without affecting the entitlement of the company MEVA to compensation of damages.
- 4.7 **Compensation of damages – Purchaser.** In case of breach of obligations by the Purchaser, mainly in case of delay with the payment of the price for the goods, any payments or advance payments, the company MEVA is not obligated to perform its obligations in accord with the concluded Contract or any other contract concluded between the company MEVA and the Purchaser and is entitled to withdraw from the contract or suspend its performance and to not release the goods whereas in such cases the company MEVA does not bear liability for the potential damages of the Purchaser of third parties, the company MEVA is in such cases further entitled to seek compensation of damages from the Purchaser up to the amount of expenses which arose to the company MEVA in connection with the delivery of the agreed goods and further all expenses connected as well as profit lost and further damages. Purchaser is in such case obligated to release the goods to the company MEVA and provide in this respect all cooperation.

Art. 5 – delivery of the goods and conditions thereof

- 5.1 **Delivery terms.** Delivery of the goods takes place at the moment when the goods are prepared to be taken over in the plant of the company MEVA (EXW Roudnice nad Labem, Czech Republic – INCOTERMS 2010), possibly, if so agreed between the parties, in the form of takeover of the goods by the first carrier. In case of manner of delivery via shipment to the destination, the place and time of delivery is considered to be the moment of the handover of the goods to the first carrier or forwarder in the plant of the company MEVA, whereas in this moment also the risk of damage to the goods is transferred onto the Purchaser. The company MEVA is not obligated to insure the goods against damage, destruction, loss or theft.
- 5.2 **Amount, quality, packaging.** The company MEVA is obligated to deliver the goods in the stipulated amount, quality and design and has to package the goods or prepare them for transport. The price includes non-returnable packaging. If the returnable packaging is not returned by the Purchaser within 60 days from the delivery to the company MEVA, the company MEVA shall not accept it back. If the returnable packing is damaged, or if the packaging is not returned within the agreed period, the Purchaser shall be billed irreversibly 100 percent of the price of packaging and the Purchaser is obligated to pay this amount to the company MEVA.
- 5.3 **Quantitative deviation.** Quantitative deviation of the delivered goods not exceeding 10% is not considered to be contrary to the Contract.
- 5.4 **Premature and partial performance.** The company MEVA is always entitled to perform the subject of the Contract prematurely or partially and Purchaser is obligated to prematurely or partially take over the performance of the subject of the Contract.
- 5.5 **Failure to take over the goods.** In case of failure to take over the goods by the Purchaser, the company MEVA is entitled to store the goods at the expense of the Purchaser. If the Purchaser fails to take over the goods within a reasonable period, up to 2 months from the delivery thereof, MEVA is entitled to sell the goods to another customer providing that the Purchaser is obligated to pay to the company MEVA all expenses connected thereto and MEVA is entitled to set off against the already

paid part of the price the amount of money already expended as a result of the failure to take over the goods by the Purchaser.

- 5.6 **Preclosure of the performance of MEVA by the Purchaser.** If the Purchaser refuses or otherwise prevents the company MEVA from performing the delivery of the goods, he shall pay to the company MEVA a contractual penalty in the amount of 20% of the price of the goods not taken over, whereas if such goods are custom made according to a request of the Purchaser, then the Purchaser is to pay a contractual penalty in the amount of 100% of the price of goods not taken over.

Art. 6 – transfer of ownership and resale

- 6.1 **Ownership right to goods.** Title to the goods is transferred onto the Purchaser at the moment of total payment of the purchase price for the goods by the Purchaser.
- 6.2 **Limitation of resale.** With regard to distribution and other obligations of MEVA a.s. the Purchaser cannot without a prior written consent for the period of 10 years from the conclusion of this contract dispose of (either himself or through a third party), sell or offer to sell the goods outside the territory of the state to which the goods were delivered by the company MEVA a.s., whereas the Purchaser shall bind its customers in the same extent. Purchaser shall further ensure that the goods are used or its ownership shall be transferred under the brand name of the company MEVA. In case of breach of any duty of the Purchaser in accord with this paragraph, the Purchaser commits to pay to the company MEVA, without prejudice to the rights of MEVA to seek compensation of damages, contractual penalty in the amount of CZK 100 000,- for each individual case.

Art. 7 – defects of the goods

- 7.1 **Defects of the goods.** Company MEVA is responsible for defects of the goods which are present at the moment of transfer of the risk of damage onto the Purchaser, whereas the properly announced defects for which the company MEVA is responsible shall be remedied in a manner selected by MEVA as appropriate and effective. Provisions § 2106 to § 2107 of the NCC shall not apply. With the conclusion of the contract, the Purchaser expressly waives his rights to claims from defective performance beyond the extent provided by these Terms and Conditions.
- 7.2 **Obvious defects.** In case of obvious defects of the goods is the Purchaser obligated to inform the company MEVA of such defects at the latest within 7 days from the delivery of the goods by MEVA to the Purchaser, otherwise such right of the Purchaser to a removal of the defects in accord with the previous paragraph ceases to exist.
- 7.3 **Manner of complaint, other defects.** Defects of the goods have to be claimed by the Purchaser to the company MEVA in writing and without delay following the discovery thereof or after they could have been found by the Purchaser had sufficient customer care been extended, always however at the latest within 7 days of their finding.
- 7.4 **Inability to suspend payments.** Claiming of any defect does not relieve the Purchaser from the payment of the price for the goods or a part thereof. Provision § 2108 of the NCC is not applicable.
- 7.5 **Period for the removal of defects.** The company MEVA shall set the period for the removal of potential defects in the shortest possible time within the operating capabilities of the company MEVA.
- 7.6 **Discount.** If the removal of the defects shall seem as impossible or not economical, the company MEVA is entitled to provide to the Purchaser a reasonable discount from the price taking into account the extent and the nature of the defect.
- 7.7 **Minimal deviation.** Minimal impairment of the value or a deviation of characteristics of the goods are not considered a defect. Minimal deviations are mainly issue of minimal deviations of shape and color, weight and also in cases when the deviation disappears within a short period on its own or may be removed by the customer exerting negligible cost. Disregard is also given to deviations lying within the boundaries of usual business, and therefore deviations usual for this industry hereby remain expressly excluded.
- 7.8 **Exclusion of claims from defects.** Claims from defects do likewise not arise in cases of immaterial deviations from the stipulated quality, improper storage, slight limitation of applicability of the goods, their natural wear and tear and damage which arose after the transfer of risk of damage to the goods due to wrong or negligent handling or installation or use of the goods contrary to instructions for use and maintenance, operation and technical manual valid and/or technical lists, valid technical norms, instruction of the company MEVA or based on special external forces which are not mentioned in the Contract. Claims from defects do not arise neither in case of improper interference nor in case of commissioning by the Purchaser or third parties, or as a result thereof. Claims of the Purchaser from defects are further excluded if they arise from different use of goods than as set by MEVA and/or from altering of the goods by the Purchaser.
- 7.9 **Alternate supply.** Company MEVA is not obligated to ensure alternate supply of goods or parts thereof which are no longer produced.
- 7.10 **Data and warranty.** Technical specification data of the goods or any other information on the goods or on the packaging thereof are not considered to be a warranty.
- Art. 8 – industrial rights and intellectual property rights**
- 8.1 **Intellectual property right.** Purchaser is obligated to refrain from any interference in the industrial and intellectual property rights pertaining to the goods. In case of breach of the given obligation of the Purchaser, the Purchaser bears full liability for the breach of industrial and intellectual property rights or any thereto connected rights.

- 8.2 **Retention of copyright.** Company MEVA retains copyright to all designs, technical specification, manuals, price lists and other documents connected to the supply of goods (hereinafter also referred to as “**documents**”) in an unlimited extent. Such documents may be provided to third party solely based on a prior written consent of the company MEVA.

Art. 9 – change of circumstances

- 9.1 **Change of circumstances.** Purchaser takes onto himself the risk of change of circumstances within the meaning of provision § 1765 par. 2 of the NCC. The rights of the company MEVA resulting from the changes of circumstances in accord with provisions § 1765 and § 1766 NCC are hereby not affected.

Art. 10 – other claims to compensation of damages

- 10.1 **Compensation of damages.** Contractual parties stipulated that the total amount of damage compensation caused by the company MEVA shall amount at most to the price of the goods with the delivery of which the damage was caused.
- 10.2 **Limitation period.** Limitation period for the compensation of damages caused by the breach of legal or contractual duty of the company MEVA amounts to 12 months from the day of occurrence of the damage.

Art. 11 – stipulations for the Contract with the consumers

- 11.1 **Application of this article for consumers.** In case that the contractual party on the side of the Purchaser is a consumer, the stipulations of this article shall apply in addition to the remainder of provisions of these Terms and Conditions. In the event of conflict between the stipulations of this article with other stipulations of these Terms and Conditions, the stipulations of this article prevail.
- 11.2 **Rights and obligations of consumers.** If the contract was concluded by means of distance communication, the Purchaser – consumer is entitled to withdraw from the Contract without stating a reason within a period of 14 days from the day of takeover of the goods by the Purchaser – consumer. Condition of withdrawal is the compliance with the set procedure, which is submission of the form for the withdrawal from the contract available on the Internet at www.meva.eu and sending or forwarding the goods to the company MEVA within 14 days from the withdrawal from the Contract to the address stated on the items as the address of the company MEVA accompanied by information that the consumer applies his right to withdraw from the Contract in accordance with § 1829 par. 1 NCC. The company MEVA shall within the same period refund to the Purchaser – consumer in accordance with § 1832 NCC funds which MEVA accepted from the consumer based on a Contract, including the delivery fees paid by the Purchaser – consumer in the amount corresponding to the least expensive manner of delivery of goods offered by the company MEVA, however not before it is established that the goods were shipped to the company MEVA. Expenses connected to the return of the goods to the company MEVA (mainly shipping and freight) shall be borne by the Purchaser – consumer. Purchaser – consumer is liable to the company MEVA for lowering the value of the goods which arose as a result of handling the goods in other manner than it is necessary to handle with regard to its nature and characteristics. Purchaser – consumer is entitled to claim defects of goods with the company MEVA for the period of 24 months from the takeover of the goods. Provision of article 12 par. 12.1 shall not apply to Purchaser – consumer.

Art. 12 – arbitration clause, governing law, personal data

- 12.1 **Arbitration clause.** All disputes arising from the Contract and in connection thereto pertaining to claims of defects or monetary performance the value of which (disputed value) without accessions exceeds the amount corresponding to CZK 150 000,- shall be decided with final validity by the Arbitration court attached to the Economic Chamber of the Czech Republic and the Agricultural chamber of the Czech Republic in accord with its rules by three arbiters. All other disputes from the Contract shall be decided by ordinary courts.
- 12.2 **Governing law.** All legal relationships arising from the Contract shall be subject to the laws of Czech Republic excluding choice of law rules and excluding the UN Convention on the Contracts for the international sale of goods (Vienna convention). Commercialism does not according to § 558 par. 2 of the New Civil Code take precedence over the provisions of law which do not have coercive effects.
- 12.3 **Consent with the processing of personal data.** Company MEVA processes and stores information on Purchasers in accord with the pertinent provisions of Act nr. 101/2000 Coll., on personal data protection. Purchaser hereby grants MEVA his consent with the processing of all information including personal information connected with the business relationship for the purpose of performance of the Contract and marketing of MEVA up to the time of issue of a written declaration of disagreement of such processing by the Purchaser. Personal data of the Purchaser is not handed over to any other party by the company MEVA with the exception of the external carrier, insurer or claims administrator for the purpose of delivery of goods, insurance of the goods or administration of the claims. Contract shall be following its conclusion archived by the company MEVA in electronic form and shall be accessible only to the company MEVA; legal duties of the company MEVA toward public administration are hereby not affected.
- 12.4 **Salvatorian clause.** Should any provisions of the General terms and conditions become partially or in whole invalid, other provisions of the General terms and conditions remain thereby unaffected. Such ineffective provisions shall be replaced by an effective provision which is the closest to the economical purpose of the original ineffective provision. The same applies to any potential contractual gaps.



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