



BERINGER

Middle East



بناء الحاويات وتقنيات البيئة

Container builders and environmental engineers

www.beringer-behaelter.com

BERINGER MIDDLE EAST FZC

BERINGER

Middle East



Beringer Middle East FZC, Fujairah, U.A.E.

The company **BERINGER Middle East FZC** was founded in 2007 as a cooperation of the German company **BERINGER GmbH** and the Emirati **AL SHAMALI Group**.

BERINGER Middle East FZC is located in the Fujairah Free Zone Phase III, Al Hayl New Extension Area.

The German company **BERINGER GmbH** is the market leader in Europe and a pioneer in developing new technologies of container production. The production plant in Fujairah is equipped with very modern manufacturing facilities.

Since foundation, **BERINGER Middle East** is developing to be the market leader in the Middle East region by being a supplier for the most modern waste management companies.

BERINGER Middle East FZC is a manufacturing as well as a trading company, offering a great variety of products and services – all over the Middle East and Asian region.

Our Core Competencies:

- Innovation
- High Quality Manufacturing
- Services
- Customized Solutions

BERINGER Middle East FZC

P. O. Box 5470

Fujairah Free Zone Phase III

Al Hayl New Extension Area

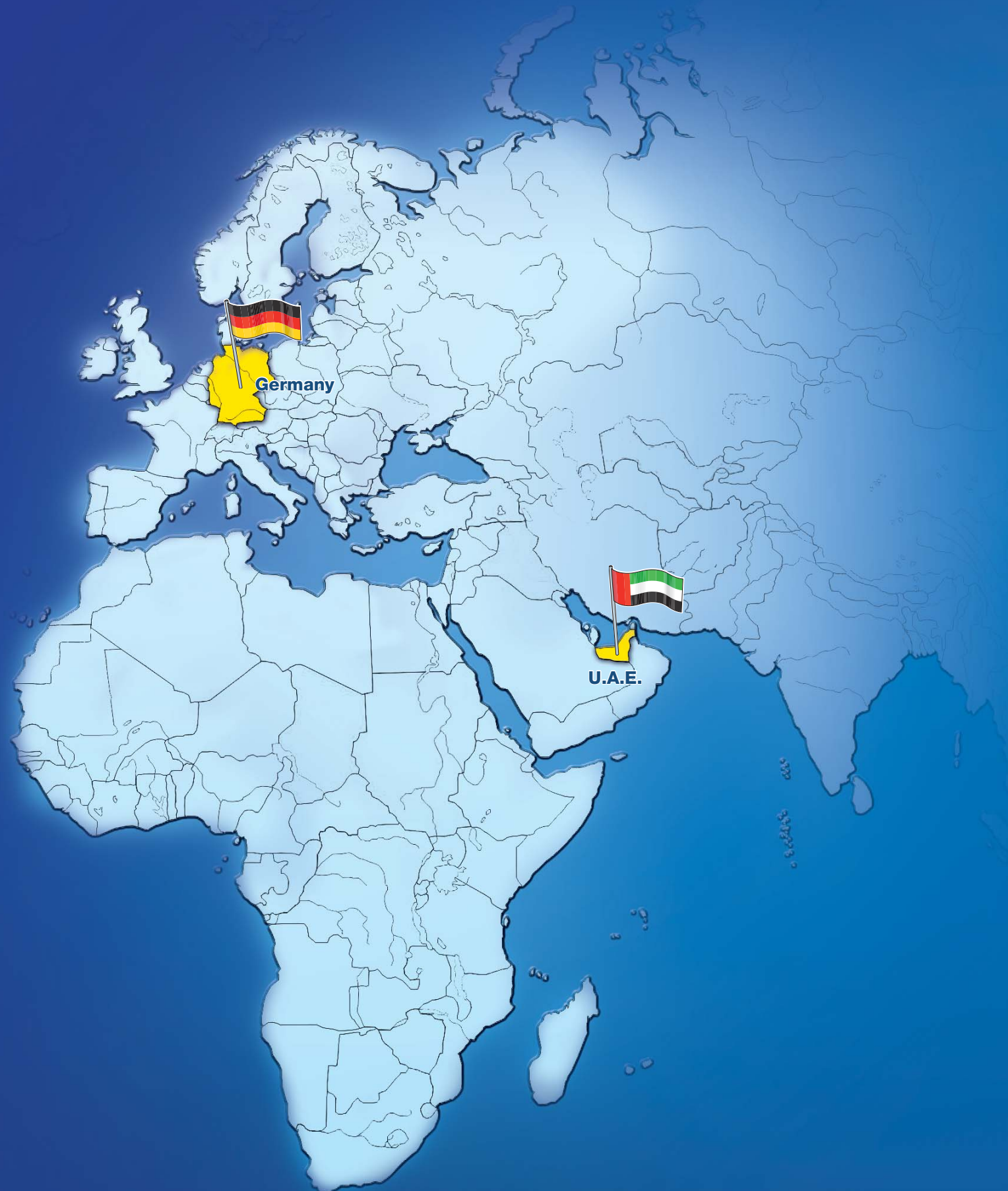
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BERINGER GmbH Germany — Successful since more than 60 years

The company BERINGER was established more than 60 years ago in Tagmersheim (Bavaria) as a locksmith's workshop.

The year 1970 paved the way leading to our core competencies as container supplier for environmental services and waste management systems.

Our long tradition as manufacturer of skips and bins, based on highest quality standards and handcraft experience, led to the variety of products we offer today.

After high investments in an efficient line production system and continuous improvements in our technical department, we provide high quality products.

With a constant focus on the requirements of the market, the family-owned company BERINGER, was able to transform into an international market leader with a large and satisfied customer base.

Headquarter

BERINGER GmbH
Silberhofstrasse 12 + 14
86704 Tagmersheim
GERMANY
www.beringer-behaelter.de

BERINGER CORE COMPETENCIES



BERINGER

Middle East



Innovation

- In-house design for Middle East and Asian Region
- Fast reaction on market requirements and customers demand
- Strong focus on product efficiency
- Great variety of products

High Quality Manufacturing



- In-house manufacturing from raw material through cutting, bending, drilling, welding and coating
- Modern line production
- Strict quality control system
- Highly qualified operators

Customized Solutions



- Our engineers will find an efficient solution for any transport or waste management purpose

Services

- Advisory based on excellent technical experience
- Service staff on call
- Maintenance and service contract
- Spare Parts Service





BERINGER Product Range

Container and Compactor Systems for waste collection,
waste handling and waste logistics

Skip-Containers for Chain-Loa- der-Trucks



We offer a great variety of skips for different intended use as well as options for all interest and purpose.

from page 10

Roll-On-Roll- Off-Containers for Hook-Lift- Trucks



Our "Standard Type", "Premium Type" and our "Heavy Duty Type", both available in different volumes and dimensions, give you the opportunity to select the perfect Ro-Ro-Container for your transport purpose.

from page 16

Compactors



Different types of mobile compactors for Hook-Lift or Chain-Loader Trucks.

from page 28

Waste Bins



A complete program of individual galvanized bins for front- and rear-loaders. A lot of different supplements are available.

from page 42

Special Solutions



Our engineers will find an economically solution for every transport or storage problem.

from page 50



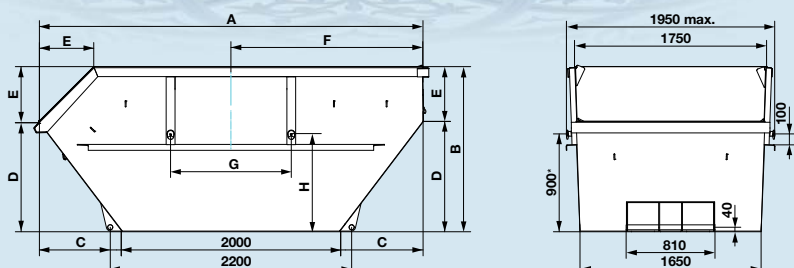


■ Skip-Containers for Chain-Loader-Trucks



Skips in open top or covered variation. Standard design for collecting solid waste and recyclables. Also available in stronger version for heavy construction waste, or in every required design. Special variations, for example with crane hooks or for transport of sludge are available.

■ Skip-Containers for Chain-Loader-Trucks



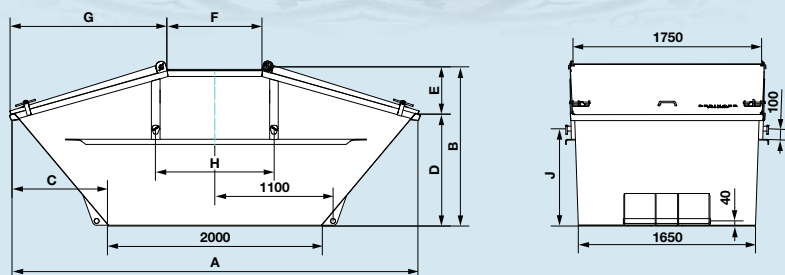
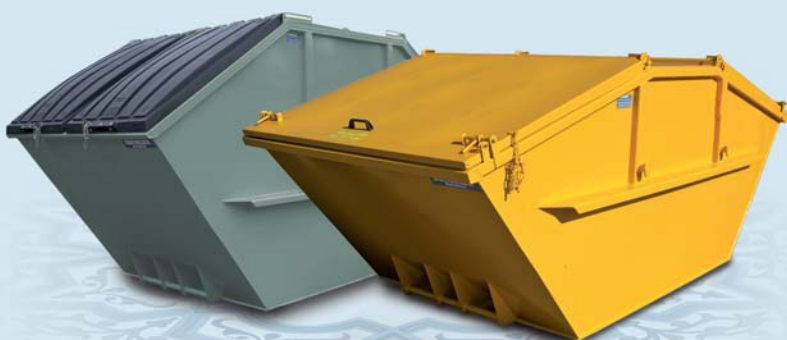
Volume cbm	Dimensions in mm							
	A	B	C	D	E	F	G	H
ca. 4	2700	1000	360	600	400	1350	1100	900
ca. 5,5	3000	1250	510	850	400	1500	1100	900
ca. 7	3500	1500	760	1000	500	1750	1100	900
ca. 10	3750	1800	885	1250	550	1875	1100	900
ca. 12	4000	2000	1010	1250	750	2000	1700	1100
ca. 15	4600	2250	1310	1500	750	2250	1400	1500

Skip open top

- Manufactured according to DIN 30720 or local standard
- Welded inside and outside
- Bottom plate 6 mm
- Side wall plates 4 mm
- Top frame beams cold rolled profile U-Channel
- Edges double welded
- Triple-tipping device on both sides
- Set of net hooks welded all around
- Primed and coated in RAL colour of your choice

Option:

for construction waste bottom 8 mm, side wall 5 mm



Volume cbm	Dimensions in mm								
	A	B	C	D	E	F	G	H	J
ca. 4	3180	1100	600	750	350	300	1440	1100	900
ca. 5,5	3420	1250	720	900	350	540	1440	1100	900
ca. 7	3740	1500	880	1100	400	890	1425	1100	900
ca. 10	3980	2000	1000	1250	750	1430	1275	1700	1100
ca. 12	3980	2250	1000	1250	1000	1800	1090	1700	1100

Skip covered with steel or plastic lid

- Manufactured according to DIN 30720 or local standard
- Welded inside and outside
- Bottom plate 6 mm
- Side wall plates 4 mm
- Top frame beams cold rolled profile U-Channel
- Edges double welded
- Triple-tipping device on both sides
- Set of net hooks welded all around
- Primed and coated in RAL colour of your choice



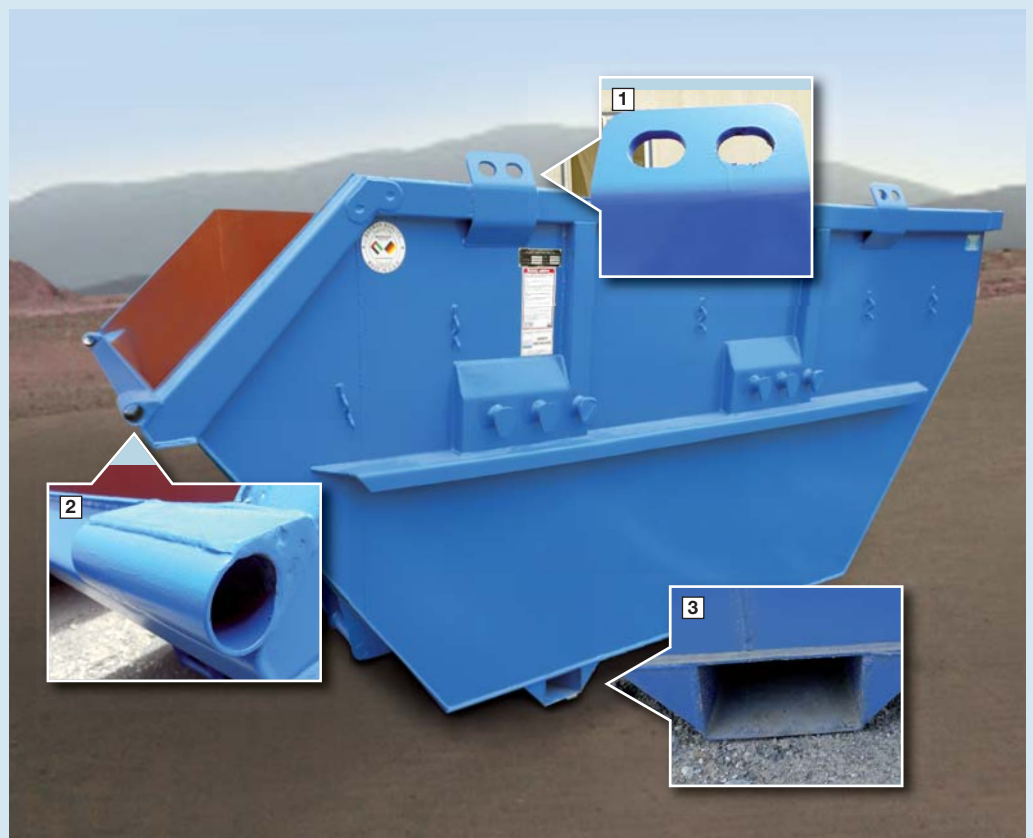
Quality marks

- 1 Wear resistant tipping profile
- 2 Strong net hooks for load safety
- 3 Triple tipping device
- 4 Edges reinforced



Options

- 1 Crane Hooks
- 2 REL
- 3 Fork-lift-pockets



■ Skip-Containers for Chain-Loader-Trucks



Different designs possible!

REL Skip / Leach bin

- Welded inside and outside
- Bottom plate 4 mm
- Side wall plates 3 mm
- 2 fork-lift-pockets on each side
- Set of net hooks welded all around
- Primed and coated in RAL colour of your choice



Heavy duty crane hook



With CE-Sticker and proof certificate



Crane hook

Skip with crane hooks

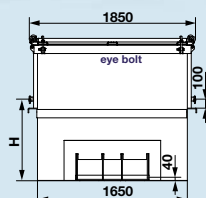
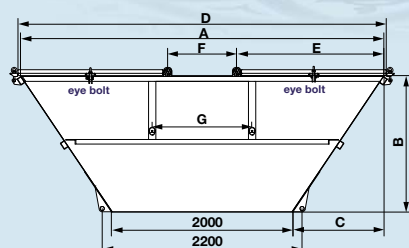
■ Certified type

■ Standard type



Skip covered sludge type

Variation symmetric



Skip – "sludge type"

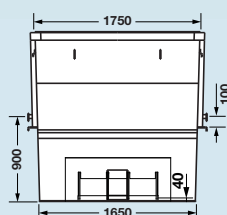
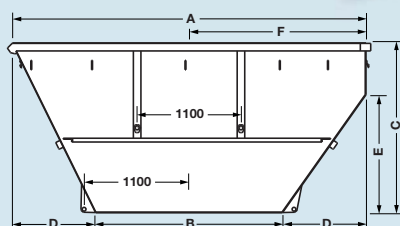
Symmetric or asymmetric variation

Covered or open top

- Special reinforcements for transport of sludge or soft and creamy materials
- Manufactured according to DIN 30720 or local standard
- Welded inside and outside
- Bottom 6 mm
- Side walls 4 mm
- Edges double welded
- Triple tipping device on both sides
- Set of net hooks welded all around
- Primed and coated in RAL colour of your choice

Skip open top sludge type

Variation asymmetric



Volume	Dimensions in mm					
cbm	A	B	C	D	E	F
ca. 5	3600	1100	3800	800	1200	~ 200
ca. 6	3600	1250	3800	800	1350	~ 200
ca. 7,5	4000	1500	4200	1000	1600	~ 600
ca. 10	4000	2000	4200	1000	2100	~ 600
ca. 12	4250	2250	4450	1125	2350	~ 850

■ Roll-On-Roll-Off-Containers for Hook-Lift-Trucks



Ro-Ro-Containers in different variations – for all use in transport and logistics of waste handling and recycling companies. Designed and constructed for Hook-Lift-Trucks in different variations. In this product range we use only high quality raw material to make sure that you have the best light weight product for your maximum total load. Our Ro-Ro-Containers are designed for a long life time circle.

■ Ro-Ro-Containers



Ro-Ro-Container Smoothline Construction "Standard Type"

- Height: 750 – 1350 mm
- Manufactured according to DIN 30 722 or local standard
- Convex side panels
- Bottom (4 mm), sidewalls, front and doors (3 mm) made of high grade steel S 460 MC
- Hook Ø 50 mm
- Subframe made of IPN 180
- Double twin door with middle lock
- Rollers with grease nipples Ø 160 mm
- Set of net hooks welded all around
- Ladder at front side (optional)
- Additional lock for safety door opening
- Primed and coated in RAL colour of your choice

Volume	Inside Dimensions in mm [length x width x height]	Weight
7 m ³	4500 x 2100 x 750	approx. 1700 kg
10 m ³	5000 x 2400 x 850	approx. 1750 kg
12 m ³	5000 x 2400 x 1000	approx. 1800 kg
13,5 m ³	5500 x 2400 x 1000	approx. 1840 kg
15 m ³	5000 x 2400 x 1250	approx. 2000 kg
16 m ³	5250 x 2400 x 1250	approx. 2100 kg
17 m ³	5500 x 2400 x 1250	approx. 2200 kg
18 m ³	6000 x 2400 x 1250	approx. 2300 kg
20 m ³	6000 x 2400 x 1350	approx. 2650 kg



Ro-Ro-Container Smoothline Construction "Standard Type"

- Height: 1500 mm
- Manufactured according to DIN 30 722 or local standard
- Two convex side panels
- Bottom (4 mm), sidewalls, front and door (3 mm) made of high grade steel S 460 MC
- Hook Ø 50 mm
- Subframe made of IPN 180
- Additional rolled fiber belt made of S 500 (3 mm)
- Double twin door with middle lock
- Rollers with grease nipples Ø 160 mm
- Set of net hooks welded all around
- Ladder at front side
- Additional lock for safety door opening
- Primed and coated in RAL coulor of your choice

Volume	Inside Dimensions in mm [length x width x height]	Weight
16 m ³	4500 x 2400 x 1500	approx. 2100 kg
18 m ³	5000 x 2400 x 1500	approx. 2250 kg
20 m ³	5500 x 2400 x 1500	approx. 2400 kg
21 m ³	5750 x 2400 x 1500	approx. 2500 kg
22 m ³	6000 x 2400 x 1500	approx. 2600 kg
24 m ³	6500 x 2400 x 1500	approx. 2700 kg

■ Ro-Ro-Containers



Ro-Ro-Container Smoothline Construction "Standard Type"

- Height: 1750 mm
- Manufactured according to DIN 30 722 or local standard
- Two convex side panels
- Bottom (4 mm), sidewalls, front and door (3 mm) made of high grade steel S 460 MC
- Hook Ø 50 mm
- Subframe made of IPN 180
- Additional rolled fiber belt made of S 500 (3 mm)
- Double twin door with middle lock
- Rollers with grease nipples Ø 160 mm
- Set of net hooks welded all around
- Ladder at front side
- Additional lock for safety door opening
- Primed and coated in RAL colour of your choice

Volume	Inside Dimensions in mm [length x width x height]	Weight
19 m ³	4500 x 2400 x 1750	approx. 2300 kg
19,5 m ³	4750 x 2400 x 1750	approx. 2400 kg
20 m ³	5000 x 2400 x 1750	approx. 2500 kg
22 m ³	5250 x 2400 x 1750	approx. 2600 kg
23 m ³	5500 x 2400 x 1750	approx. 2650 kg
24 m ³	5750 x 2400 x 1750	approx. 2700 kg
25 m ³	6000 x 2400 x 1750	approx. 2800 kg
27 m ³	6500 x 2400 x 1750	approx. 2900 kg



Ro-Ro-Container Smoothline Construction "Standard Type"

- Height: 2000 – 2400 mm
- Manufactured according to DIN 30 722 or local standard
- Two convex side panels
- Bottom (4 mm), sidewalls and doors (3 mm) made of high grade steel S 460 MC
- Hook Ø 50 mm
- Subframe made of IPN 180
- Additional rolled fiber belt made of S 500 MC (3 mm)
- Top edge profile made of S 700 MC (3 mm)
- Double twin door with middle lock
- Rollers with grease nipples Ø 160 mm
- Set of net hooks welded all around
- Ladder at front side
- Additional lock for safety door opening
- Primed and coated in RAL colour of your choice

Volume	Inside Dimensions in mm [length x width x height]	Weight
24 m ³	5000 x 2400 x 2000	2800 kg
26,5 m ³	5500 x 2400 x 2000	2900 kg
27 m ³	5000 x 2400 x 2250	2900 kg
29 m ³	6000 x 2400 x 2000	3000 kg
30 m ³	5500 x 2400 x 2250	3100 kg
31 m ³	6500 x 2400 x 2000	3150 kg
32 m ³	5750 x 2400 x 2250	3200 kg
33 m ³	6000 x 2400 x 2250	3300 kg
35 m ³	6500 x 2400 x 2250	3300 kg
40 m ³	6750 x 2400 x 2400	3400 kg

■ Ro-Ro-Containers



Ro-Ro-Container Smoothline Construction with ribs "Premium Type"

- Manufactured according to DIN 30 722 or local standard
- With three ribs on the side-walls
- Bottom (4 mm); sidewalls, front and door (3 mm) made of high grade steel
- Hook Ø 50 mm
- Subframe made of IPN 180
- Rollers with grease nipples Ø 160 mm
- Set of net hooks welded all around
- Ladder at front side (optional)
- Additional lock for safety door opening
- Primed and coated in RAL colour of your choice

Volume	Inside Dimensions in mm [length x width x height]	Weight
7 m ³	4500 x 2100 x 750	2000 kg
10 m ³	5000 x 2400 x 850	2050 kg
12 m ³	5000 x 2400 x 1000	2100 kg
13,5 m ³	5500 x 2400 x 1000	2140 kg
15 m ³	5000 x 2400 x 1250	2300 kg
16 m ³	5250 x 2400 x 1250	2400 kg
17 m ³	5500 x 2400 x 1250	2500 kg
18 m ³	6000 x 2400 x 1250	2600 kg
20 m ³	6000 x 2400 x 1350	2950 kg



Ro-Ro-Container Smoothline Construction "Heavy Duty Type"

- Height: 750 – 1350 mm
- Manufactured according to DIN 30 722 or local standard
- Convex side panels
- Bottom made of HARDOX® 450 (4 mm)
- Sidewalls, front and doors made of HARDOX® 450 (3 mm)
- Hook Ø 50 mm
- Subframe made of IPN 180
- Top frame made of special tunnel pipe 125/95/6 (S 355)
- Double twin door with middle lock
- Rollers with grease nipples Ø 160 mm
- Set of net hooks welded all around
- Ladder at front side (optional)
- Additional lock for safety door opening
- Primed and coated in RAL colour of your choice

Volume	Inside Dimensions in mm [length x width x height]	Weight
7 m ³	4500 x 2100 x 750	1700 kg
10 m ³	5000 x 2400 x 850	1750 kg
12 m ³	5000 x 2400 x 1000	1800 kg
13,5 m ³	5500 x 2400 x 1000	1840 kg
15 m ³	5000 x 2400 x 1250	2000 kg
16 m ³	5250 x 2400 x 1250	2100 kg
17 m ³	5500 x 2400 x 1250	2200 kg
18 m ³	6000 x 2400 x 1250	2300 kg
20 m ³	6000 x 2400 x 1350	2650 kg

■ Ro-Ro-Containers



Volume	Inside Dimensions in mm [length x width x height]	Weight
16 m ³	4500 x 2400 x 1500	2100 kg
18 m ³	5000 x 2400 x 1500	2250 kg
20 m ³	5500 x 2400 x 1500	2400 kg
21 m ³	5750 x 2400 x 1500	2500 kg
22 m ³	6000 x 2400 x 1500	2600 kg
24 m ³	6500 x 2400 x 1500	2700 kg

Ro-Ro-Container Smoothline Construction "Heavy Duty Type"

- Height: 1500 mm
- Manufactured according to DIN 30 722 or local standard
- Two convex side panels
- Bottom made of HARDOX® 450 (4 mm)
- Sidewalls, front and door made of HARDOX® 450 (3 mm)
- Hook Ø 50 mm
- Subframe made of IPN 180
- Additional rolled fiber belt made of HARDOX® 450 (3 mm)
- Top frame made of special pipe 125/95/8 (S 355)
- Double twin door with middle lock
- Rollers with grease nipples Ø 160 mm
- Set of net hooks welded all around
- Ladder at front side
- Additional lock for safety door opening
- Primed and coated in RAL colour of your choice



Ro-Ro-Container Smoothline Construction "Heavy Duty Type"

- Height: 1750 mm
- Manufactured according to DIN 30 722 or local standard
- Two convex side panels
- Bottom made of HARDOX® 450 (4 mm)
- Sidewalls, front and doors made of HARDOX® 450 (3 mm)
- Hook Ø 50 mm
- Subframe made of IPN 180 mm
- Additional rolled fiber belt made of HARDOX® 450 (3 mm)
- Top frame made of HARDOX® 450 (3 mm)
- Rollers with grease nipples Ø 180 mm
- Set of net hooks welded all around
- Ladder at front side
- Additional lock for safety door opening
- Primed and coated in RAL colour of your choice

Volume	Inside Dimensions in mm [length x width x height]	Weight
19 m³	4500 x 2400 x 1750	2300 kg
19,5 m³	4750 x 2400 x 1750	2400 kg
20 m³	5000 x 2400 x 1750	2500 kg
22 m³	5250 x 2400 x 1750	2600 kg
23 m³	5500 x 2400 x 1750	2650 kg
24 m³	5750 x 2400 x 1750	2700 kg
25 m³	6000 x 2400 x 1750	2800 kg
27 m³	6500 x 2400 x 1750	2900 kg

■ Ro-Ro-Containers



Ro-Ro-Container Smoothline Construction "Heavy Duty Type"

- Height: 2000 – 2400 mm
- Manufactured according to DIN 30 722 or local standard
- Two convex side panels
- Bottom made of HARDOX® 450 (4 mm)
- Sidewall, front and doors made of HARDOX® 450 (3 mm)
- Additional rolled fiber belt made of HARDOX® 450 (3 mm)
- Front and doors made of HARDOX® 450 (3 mm)
- Hook Ø 50 mm
- Subframe made of IPN 180 mm
- Additional lock for safety door opening
- Top frame made of HARDOX® 450 (3 mm)
- Rollers with lubrication nipples Ø 180 mm
- Set of net hooks welded all around
- Ladder at front side
- Primed and coated in RAL colour of your choice

Volume	Inside Dimensions in mm [length x width x height]	Weight
24 m ³	5000 x 2400 x 2000	2800 kg
26 m ³	5500 x 2400 x 2000	2900 kg
27 m ³	5000 x 2400 x 2250	2900 kg
29 m ³	6000 x 2400 x 2000	3000 kg
30 m ³	5500 x 2400 x 2250	3000 kg
31 m ³	6500 x 2400 x 2000	3150 kg
32 m ³	5750 x 2400 x 2250	3200 kg
33 m ³	6000 x 2400 x 2250	3300 kg
35 m ³	6500 x 2400 x 2250	3300 kg
40 m ³	6750 x 2400 x 2400	3400 kg



Options

- 1 Partition Flaps**
For waste separation of recycling materials
- 2 Steel cover with winder**
High quality winder for opening of the cover
- 3 Steel cover with hydraulics**
Manual hydraulics for easy opening of the cover



■ Compactors



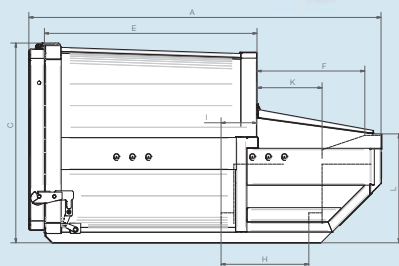
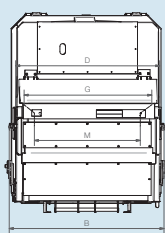
High quality mobile compactors for chain-loader or hook-lift systems.
Different variations and volumes for your individual use.
Dual Power Compactor for operation with or without electric power supply.

■ Compactors



Fill safely – avoid accidents!

The ergonomic hopper height is only 1310 mm!



Dimension TZ in mm	6 cbm	Volume 8 cbm	10 cbm
A	3800	4150	4400
B	2015	2015	2015
C	2130	2500	2500
D	1740	1740	1740
E	2100	2450	2700
F	1360	1360	1360
G	1660	1660	1660
H	1135	1135	1135
I	430	430	430
K	835	835	835
L	1310	1310	1310
M	1360	1360	1360
Weight / kg	2800	2900	3000

Reducer x4 ergo

- Mobile compactor for chain-loader systems according to DIN 30 730 or local standard
- Smoothline construction, conical shape
- Ergonomically hopper height 1310 mm
- Liquid proof specs. (liquid proof up to 250 mm)
- Feed opening 1200 x 1500 mm
- Primed and coated in RAL colour of your choice

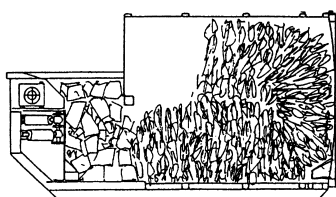
Standard equipment

- Lid installed front sides
- 80 % fill level signal

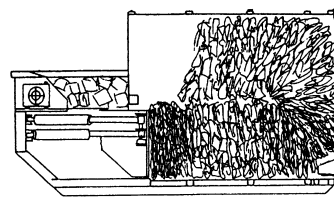
Technical data

Actuating power.....	5,5 kW
Fuse protection.....	16 A delay
Power supply	400 V / 50 Hz
Hopper height	1310 mm
Upper feed opening.....	1200 x 1500 mm
Lower feed opening.....	835 x 1360 mm
Ram capacity / stroke	1,25 m ³
Plunger stroke	1130 mm
Retraction depth.....	280 mm
Compaction force	28 kN / m ²
Cycle time.....	33 sec.
Hydraulic oil	35 liters

Operating principle



With each compaction cycle, the ram plate presses the goods in front of it into the body. During back stroke, the material in the filling device falls in front of the ram plate. Cover plates avoid throughout the “drag principle” that material falls behind the plunger. With this technology, the compactor can be filled without any interruption.

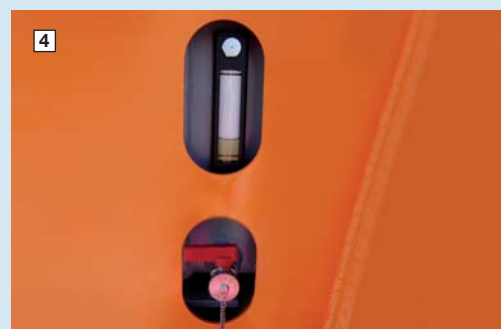


Due to its conical shape, the compactor can be emptied very easily.



Quality marks

- 1 Safety lock with threaded ratchet for easy opening even under pressure
- 2 Control panel safely installed
- 3 Robust electrics
- 4 Oil level indicator

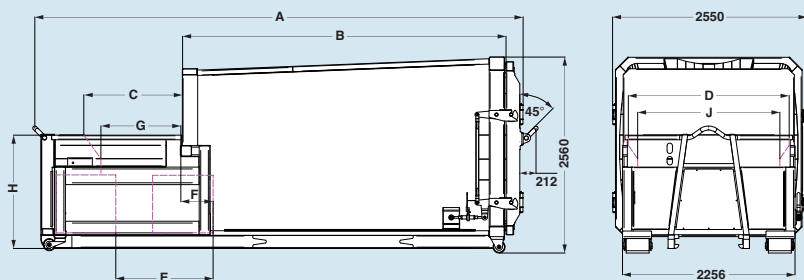


Options

- 1 Mobile bin lifter
- 2 Integrated bin lifter



■ Compactors



Reducer		x5		
Dimension / dcm		16	18	20
A	mm	5390	5790	6390
B	mm	3130	3530	4130
C	mm	1380	1380	1380
D	mm	2100	2100	2100
E	mm	1280	1280	1280
F	mm	410	410	410
G	mm	1000	1000	1000
H	mm	1480	1480	1480
J	mm	1860	1860	1860
Weight / kg		4150	4300	4450

Reducer x5 (standard hopper)

- Compactor for hook-lift systems manufactured according to DIN 30 730 or local standard
- Smoothline construction conical shape
- Feed opening 1380 x 2090 mm
- Liquid proof up to 250 mm
- Primed and coated in RAL colour of your choice

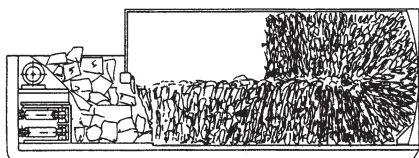
Standard equipment

- Lid installed front sides
- Pick-up system in the rear with 2 rollers front sides
- Pick up system fold down and hinged at front side
- With paper rack
- With steel wiper in front of ram plate
- 80 % fill level signal

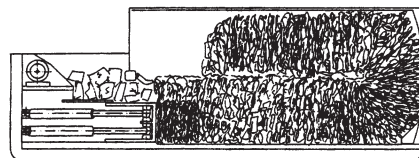
Technical data

Actuating power	5,5 kW
Fuse protection	16 A delay
Power supply	400 V / 50 Hz
Hopper height	1480 mm
Upper feed opening	1380 x 2090 mm
Lower feed opening	1000 x 1860 mm
Ram capacity / stroke	1,25 m ³
Plunger stroke	1280 mm
Retraction depth	410 mm
Compaction force	28 kN / m ²
Cycle time	48,8 sec.
Hydraulic oil	35 liters

Operating principle



With each compaction cycle, the ram plate presses the goods in front of it into the body. During back stroke, the material in the filling device falls in front of the ram plate. Cover plates avoid throughout the "drag principle" that material falls behind the plunger. With this technology, the compactor can be filled without any interruption.



Due to its conical shape, the compactor can be emptied very easily.



Quality marks

- 1 Safety lock at cleanout door
- 2 Control panel – safely installed
- 3 Hook at backside for manoeuvring purpose
- 4 Foldable hook at front side for transport purpose
- 5 Robust electrics
- 6 Paper rack

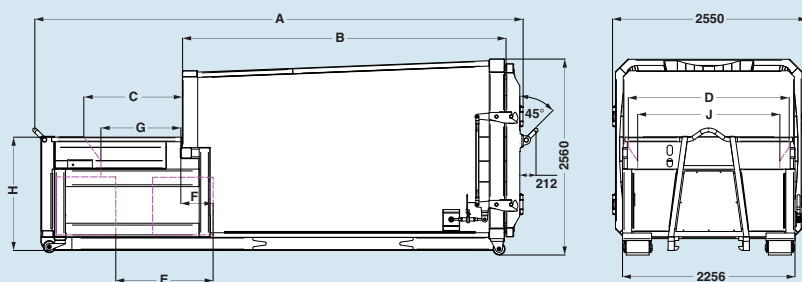


Options

- 1 Mobile bin lifter
- 2 Integrated bin lifter
- 3 Lid installed frontsides
- 4 Lid divided longsides



■ Compactors



Reducer		x6/520		
Dimension / dbm		16	18	20
A	mm	6020	6420	7020
B	mm	3350	3750	4350
C	mm	1810	1810	1810
D	mm	2090	2090	2090
E	mm	1825	1825	1825
F	mm	545	545	545
G	mm	1480	1480	1480
H	mm	1480	1480	1480
J	mm	1860	1860	1860
Weight / kg		4650	4800	4950

Reducer x6-520 (long hopper)

- Compactor for hook-lift systems according to DIN 30 730 or local standard
- Smoothline construction conical shape
- Oversized feed opening 1810 x 2090 mm
- Liquid proof up to 250 mm
- Primed and coated in RAL colour of your choice

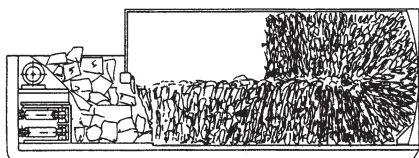
Standard equipment

- Lid installed front sides
- Pick-up system in the rear with 2 rollers front sides
- Pick up system fold down and hinged at front side
- With paper rack
- With steel wiper in front of ram plate
- 80 % fill level signal

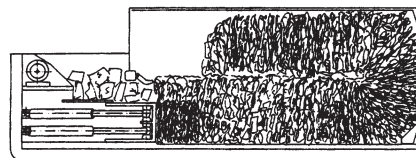
Technical data

Actuating power	5,5 kW
Fuse protection	16 A delay
Control voltage	400V / 50 Hz
Hopper height	1480 mm
Upper feed opening	1810 x 2090 mm
Lower feed opening	1480 x 1860 mm
Ram capacity / stroke	1,9 m ³
Plunger stroke	1825 mm
Retraction depth	545 mm
Compaction force	30 kN / m ²
Cycle time	76.1 sec.
Hydraulic oil	35 liters

Operating principle



With each compaction cycle, the ram plate presses the goods in front of it into the body. During back stroke, the material in the filling device falls in front of the ram plate. Cover plates avoid throughout the "drag principle" that material falls behind the plunger. With this technology, the compactor can be filled without any interruption.



Due to its conical shape, the compactor can be emptied very easily.



Quality marks

- 1 Safety lock at cleanout door
- 2 Control panel – safely installed
- 3 Hook at backside for manoeuvring purpose
- 4 Foldable hook at front side for transport purpose
- 5 Robust electrics
- 6 Paper rack

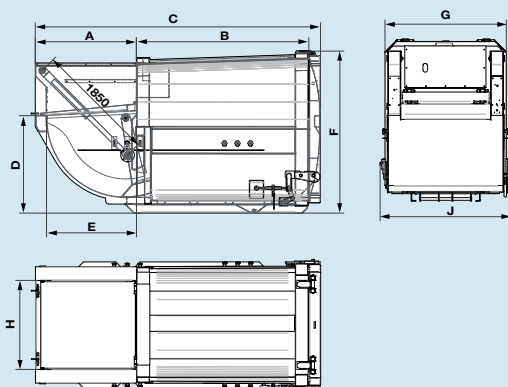


Options

- 1 Mobile bin lifter
- 2 Integrated bin lifter
- 3 Lid installed frontsides
- 4 Lid divided longsides



■ Compactors



Reducer		x4		
Dimension / cbm		8	10	12
A	mm	1560	1560	1560
B	mm	2450	2700	2970
C	mm	4150	4400	4710
D	mm	1500	1500	1500
E	mm	1400	1400	1400
F	mm	2500	2500	2500
G	mm	1870	1870	1870
H	mm	1400	1400	1400
J	mm	2015	2015	2015
Weight / kg		3150	3400	3650

Pendulum Compactor x4, "wet waste specs"

- Mobile compactor for chain loader systems,
- Smoothline construction, conical shape
- Control panels safely installed on left and right side
- "Wet waste" fully liquid proof
- Header and body welded in one piece
- Feed opening 1400 x 1000 mm
- The compactor is especially designed for compacting of waste with high liquid quote (e.g. kitchen waste, fruits and vegetables)
- Primed and coated in RAL colour of your choice

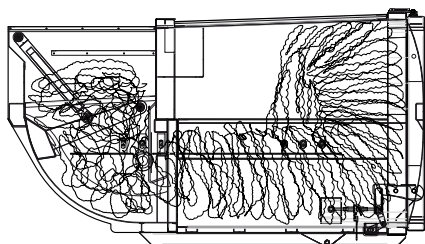
Standard equipment

- Lid installed front sides
- Automatic phase inverter relay
- Cleanout door liquid proof
- 80 % fill level signal

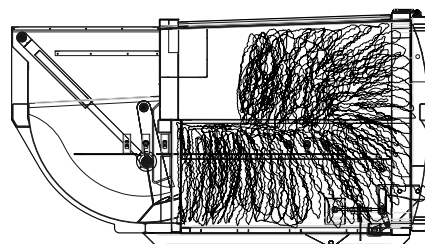
Technical data

Actuating power	5,5 KW
Fuse protection	16 A delay
Power supply	400 V / 50 Hz
Hopper height	1480 mm
Feed opening	1400 x 1000 mm
Piston capacity / stroke	1,9 m³

Operating principle



The pendulum plunger presses, with each pre stroke cycle, the material in front of it into the body. With the back stroke, material behind the plunger falls in front of the pendulum plunger. With this technology, the compactor can be filled without any interruption. The pendulum plunger cleans itself by passing a wiper with each stroke.

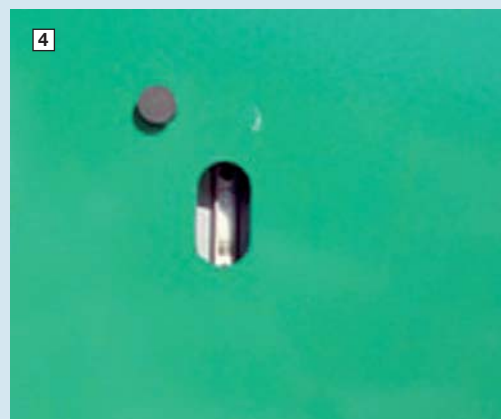
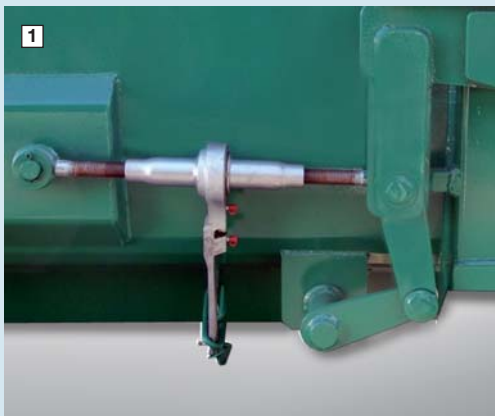


Compactor after compaction cycle.

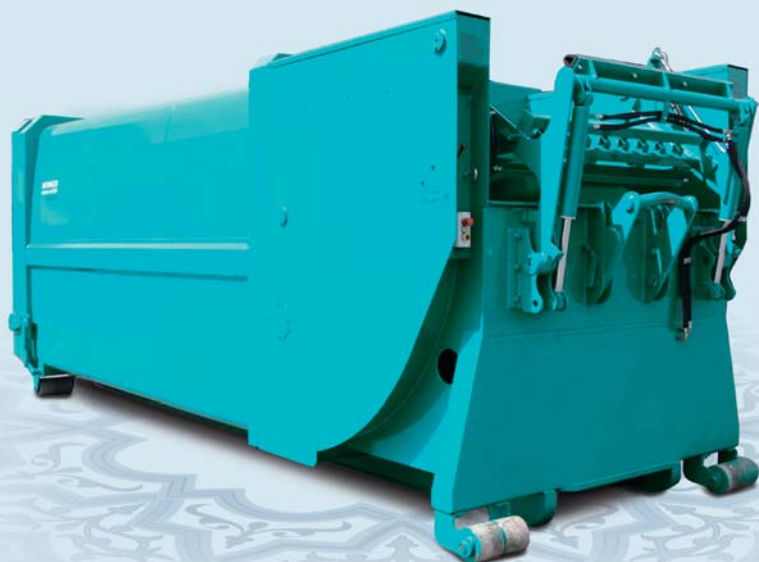


Quality marks

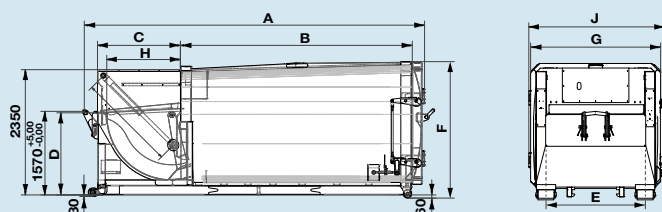
- 1 Safety lock with threaded ratchet for easy opening even under pressure
- 2 Control panel safely installed on both sides
- 3 Robust electrics
- 4 Oil level indicator



■ Compactors



* Picture with option integrated bin lifter



Reducer		x6		
Dimension / dbm		16	18	20
A	mm	5395	5795	6395
B	mm	3350	3750	4350
C	mm	1560	1560	1560
D	mm	1540	1540	1540
E	mm	1840	1840	1840
F	mm	2560	2560	2560
G	mm	2440	2440	2440
H	mm	1380	1380	1380
J	mm	2550	2550	2550
Weight / kg		5000	5200	5400

Pendulum Reducer x6, "wet waste specs"

- Mobile compactor for hook-lift systems
- Smoothline construction, conical shape
- Control panels safely installed on left and right side
- "Wet waste" fully liquid proof
- Header and body welded in one piece
- Feed opening 1400 x 1830 mm
- The compactor is especially designed for compacting of waste with high liquid quote (e.g. kitchen waste, fruits and vegetables)
- Suitable for BERINGER mobile bin lifter
- Primed and coated in RAL colour of your choice

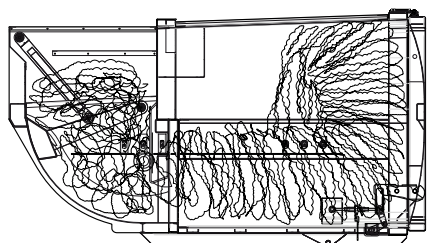
Standard equipment

- Lid installed front sides
- Automatic phase inverter relay
- Cleanout door liquid proof
- 80 % fill level signal

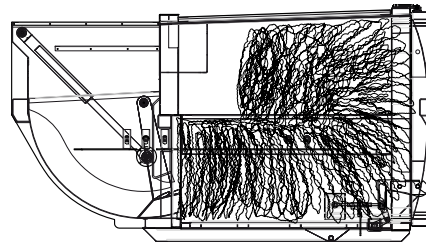
Technical data

Actuating power	5,5 KW
Fuse protection	16 A delay
Power supply	400 V / 50 Hz
Capacity	20,8 m ³
Hopper height	1500 mm
Feed opening	1400 x 1830 mm
Piston capacity / stroke	2,5 m ³
Compaction force	28 kN / m ²
Plunger stroke	1130 mm
Cycle time	33 sec.

Operating principle



The pendulum plunger presses, with each pre stroke cycle, the material in front of it into the body. With the back stroke, material behind the plunger falls in front of the pendulum plunger. With this technology, the compactor can be filled without any interruption. The pendulum plunger cleans itself by passing a wiper with each stroke.



Compactor after compaction cycle.



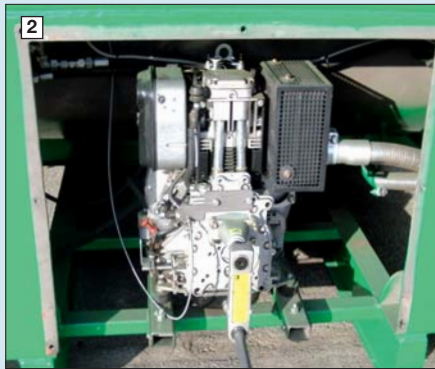
With electric engine and Diesel engine for operation with and without electric power supply!



* Picture with option integrated bin lifter



Electric Engine



Diesel Engine

Pendulum compactor x6 Dual Power "wet waste specs"

- Mobile compactor for hook-lift systems
- Smoothline construction, conical shape
- Control panels safely installed on left and right side
- "Wet waste" fully liquid proof
- Header and body welded in one piece
- Feed opening 1400 x 1830 mm
- The compactor is especially designed for compacting of waste with high liquid quote (e.g. kitchen waste, fruits and vegetables)
- Suitable for BERINGER mobile bin lifter
- Primed and coated in RAL colour of your choice

Standard equipment

- Lid installed front sides
- Automatic phase inverter relay
- Cleanout door liquid proof
- 80 % fill level signal

Technical data

Volume	20,8 m ³
Hopper height	1500 mm
Feed opening	1400 x 1830 mm
Piston capacity / stroke ...	2,5 m ³
Compaction force	28 kN / m ²
Plunger stroke	1130 mm
Pre stroke	33 sec.
Back stroke	33 sec.
Max. total weight	10.000 kg

Electric Engine

Actuating power	5,5 KW
Fuse protection	16 A delay
Power supply	400 V / 50 Hz

Diesel Engine

(single cylinder Diesel engine, crank-handle start)	
Actuating power	11 KW at 3000 revolutions
Tank capacity	21 liters
Fuel consumption	approx. 0,68 liters / kWh

Electric Engine and Diesel Engine are fused reciprocally.

■ Compactors



Compactors "wet waste specs"

Our compactor types x4, x5 and x6-520 are also available as wet waste specs

"wet waste specs" Features

- Drainage sumps
2 x 3" drainage sumps (x4 type)
4 x 3" drainage sumps (x5 and x6-520 type)
- Cleanout door liquid proof
- Lid with rubber seal

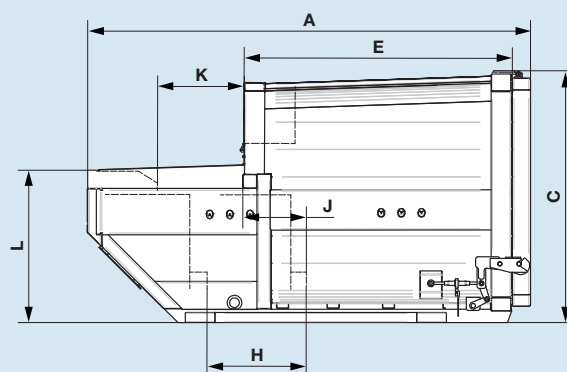
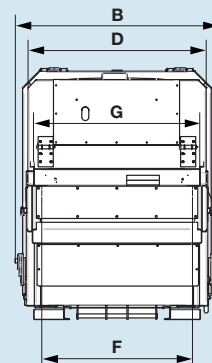
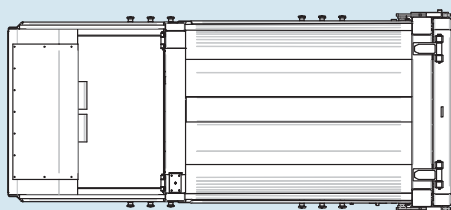




x4 "wet waste specs"

■ 6 cbm, 8 cbm, 10 cbm

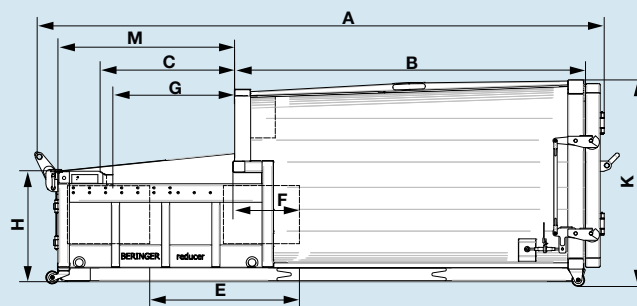
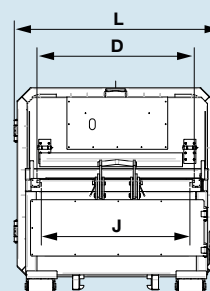
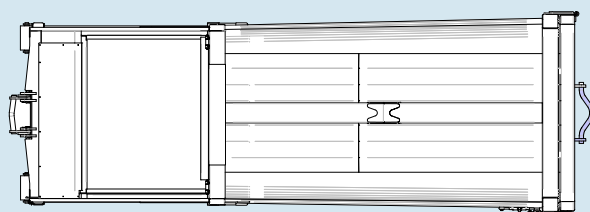
Dimension in mm	6 cbm	Volume 8 cbm	10 cbm
A	3800	4150	4400
B	2015	2015	2015
C	2500	2500	2500
D	1740	1740	1740
E	2100	2450	2700
F	1500	1500	1500
G	1660	1660	1660
H	1135	1135	1135
I	430	430	430
K	800	800	800
L	1540	1540	1540
Weight / kg	2950	3050	3150



x6-520 "wet waste specs"

■ 16 cbm, 18 cbm, 20 cbm

Dimension in mm	16 cbm	Volume 18 cbm	20 cbm
A	6020	6420	6900
B	3350	3750	4350
C	1640	1640	1640
D	2090	2090	2090
E	1825	1825	1825
F	545	545	545
G	1460	1460	1460
H	1380	1380	1380
J	1860	1860	1860
K	2560	2560	2560
L	2500	2500	2500
M	2190	2190	2190
Weight / kg	4400	4950	5500



■ Waste bins



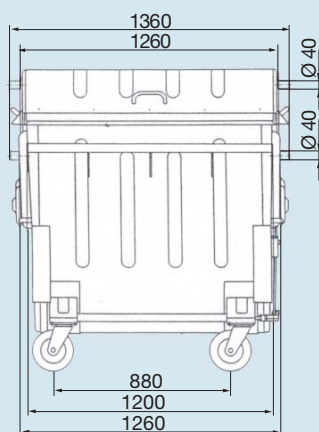
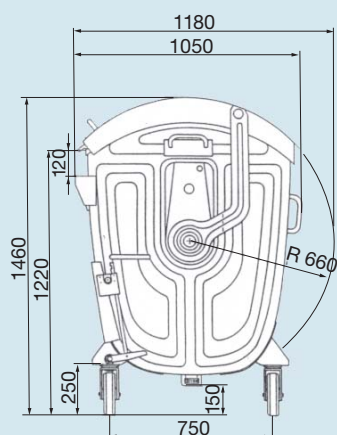
Our product line “galvanized trolley bins” consists of bins starting from 1.1 m³ up to 7,0 m³ with different lid options. The bins can also be coated in RAL colour of your choice.

■ Waste bins



Galvanized Trolley Bin with dome lid MGB 1,1 m³

- For transport with front-end loader
- Body made of 1,5 mm steel sheets
- Hot dip galvanized
- Dome lid with hand protection seal and child proof lock
- 4 wheels Ø 200 mm diam. (2 swivel, 2 brake)
- Left side wheels with directional stop
- With trunnions or integrated comb bar
- Primed and coated in RAL colour of your choice or plain galvanized



Technical data

Volume 1100 liters
 Max. payload 440 kg
 Own weight 125 kg

Dimensions:

Width 1.370 mm
 Height 1.470 mm
 Depth 1.116 mm



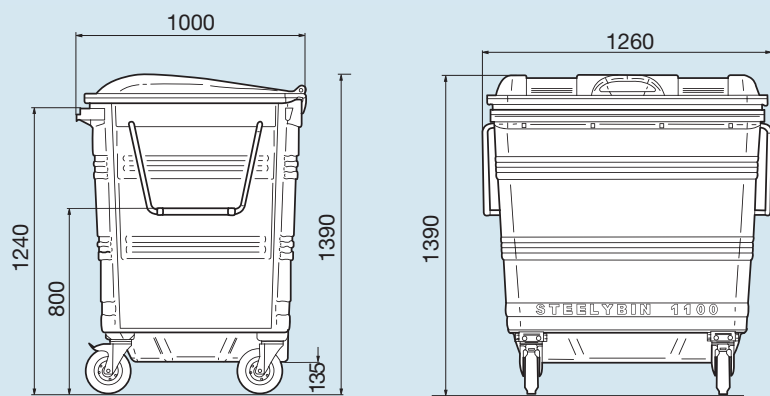
Galvanized Trolley Bin with flat lid MGB 1,1 m³

- For transport with rear-end-loader or front-end loader systems
- Body made of 1,5 mm steel sheets,
- Hot dip galvanized
- Lid made of HDPE UV stabilized (available in black, blue, red, yellow, green)
- 4 wheels Ø 200 mm diam. (4 swivel, 2 brake)
- With trunnions, integrated comb bar or fork-lift pockets
- Primed and coated in RAL colour of your choice or plain galvanized

Options:



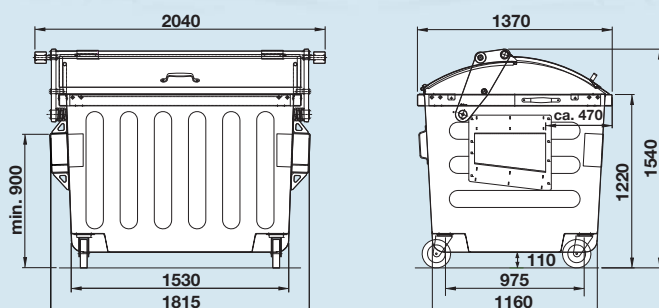
Trunnions for Bin-Lifter EN Norm



Technical data

Volume	1.100 liters
Max. payload	440 kg
Own weight	105 kg
Dimensions:	
Width	1260 mm
Height	1390 mm
Depth	1000 mm

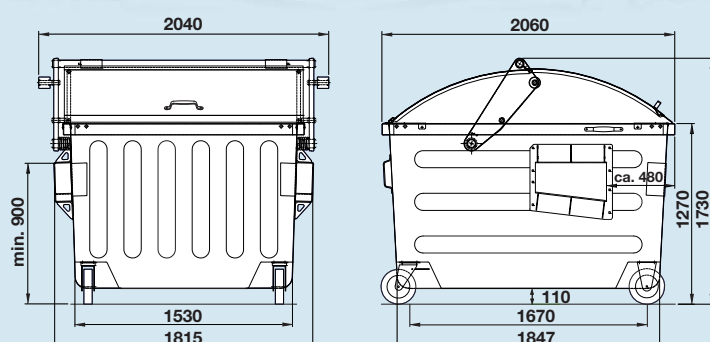
■ Waste bins



Galvanized trolley bins with dome lid MGB 2,5 m³

- Manufactured according to DIN 30736 / EN 12574 or local standard
- Body made of 2 mm steel sheets
- Hot dip galvanized
- Dome lid spring loaded
- Bolted fork-lift-pockets reinforced
- 4 wheels Ø 200 mm diam. (4 swivel, 2 fix)

MGB	Empty weight	Gross vehicle weight
2,5 cbm	ca. 300 kg	1500 kg



Galvanized Trolley Bin with dome lid MGB 4,5 m³

- Manufactured according to DIN 30736 / EN 12574 or local standard
- Body made of 2 mm steel sheets
- Hot dip galvanized
- Dome lid spring loaded
- Bolted fork-lift-pockets reinforced
- 4 wheels Ø 200 mm diam. (4 swivel, 2 fix)

MGB	Empty weight	Gross vehicle weight
4,5 cbm	ca. 400 kg	1500 kg



Quality marks

- 1 Spring assisted opening enables the lid to be moved easily and smoothly to any position. The rubber hand guard seals the closed container to minimize unpleasant odours and protects hands.
- 2 Wear-resistant lifting pockets prepared for front-loading or rear-loading systems. Screwed for easier replacement.
- 3 Integrated high quality wheels with brakes on two wheels/bin.



■ Waste bins



MGB 2,5 m³

wheels: 4 x swivel
Ø 200 mm diam.



MGB 3,0 m³

wheels: 4 x swivel
Ø 200 mm diam.



MGB 5,0 m³

wheels:
2 x swivel
Ø 250 mm diam.

2 x fix
Ø 300 mm diam.



MGB 7,0 m³

wheels:
2 x swivel
Ø 250 mm diam.

2 x fix
Ø 300 mm diam.

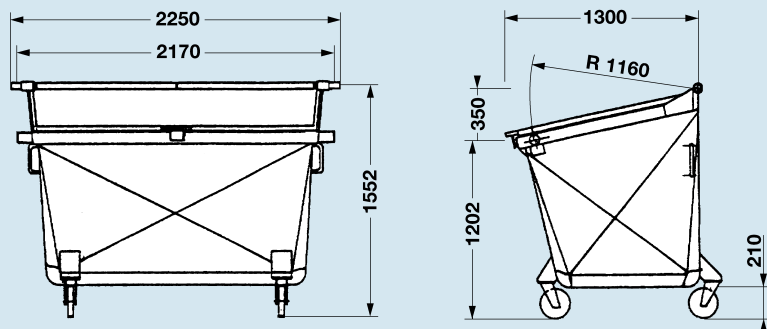
Eurocontainer galvanized with wheels

- Manufactured according to DIN 30 737 or local standard
- With 4 wheels
- Hot dip galvanized
- Container body reinforced
- Drainage valve 2" with plastic cap
- With steel or plastic lids

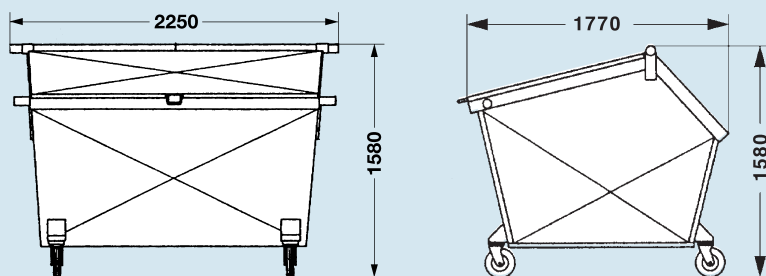


Dimensioned drawings

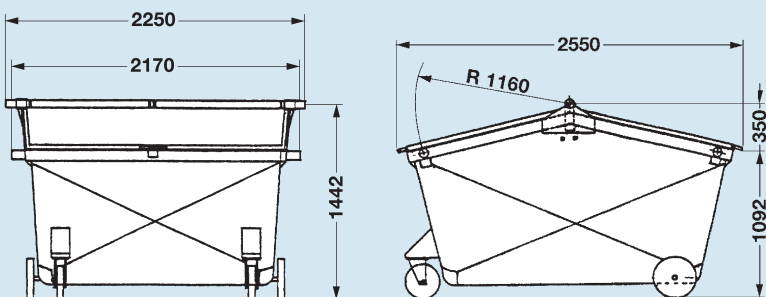
MGB 2,5 m³



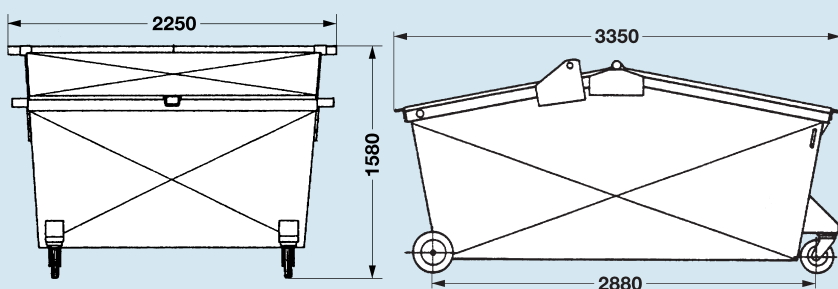
MGB 3,0 m³



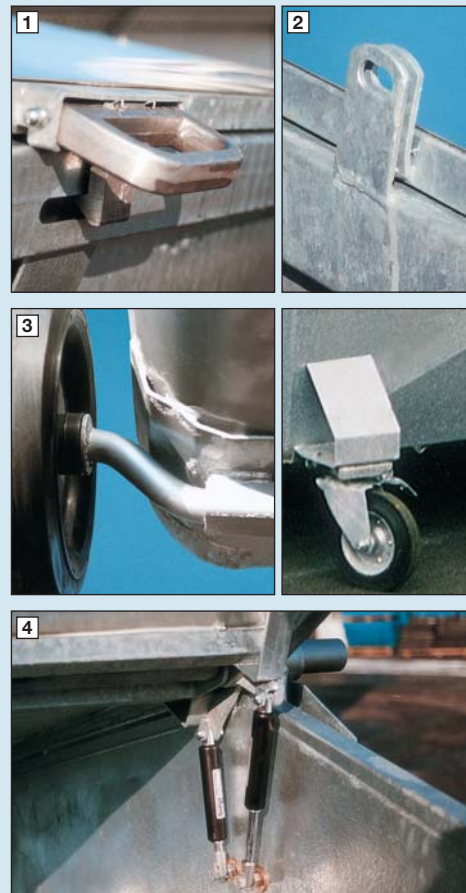
MGB 5,0 m³



MGB 7,0 m³



Quality signs



- 1 Steel lid with handle and lock
- 2 Butt strap for padlock
- 3 Wear-resistant wheels with special axles for easy handling even on rough ground
- 4 Gas-spring loaded steel lid



■ Special Solutions



Our engineers will find an efficient solution for any transport or storage problem.

We are manufacturing a lot of special solutions for e. g. steel mills, paper collection companies, construction companies.

■ Special Solutions

**Smoothline sidewalls are
perfect for your advertising!**

Halfpipes

Special containers made of wear resistant plates.

Especially designed for heavy duty use in construction or demolition areas.

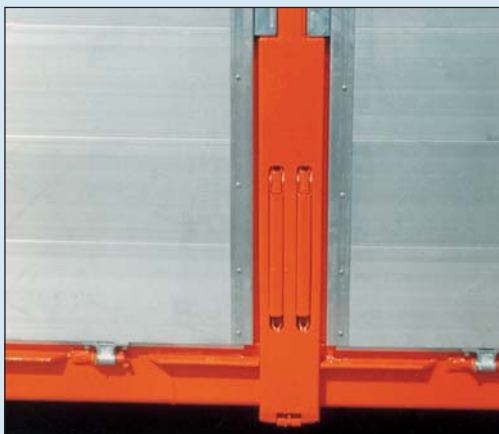
Available in different volumes, dimensions and materials. Tailgate flap with manual or automatic opening.





The flats are to use for every kind of transport even for bulk freight, formwork or scaffolding.

BERINGER Flats – high stability, long life time, high demand in function.



Loading Bridges (Flats) with tiltable aluminum platform gates

All our flats are manufactured with 5 platform gates in customized heights. Individual dimensions are possible.
Removable pluck stakes.

■ Special Solutions



Loading Bridges (Flats) With tiltable steel plat- form gates

All our flats are manufactured with 5 platform gates in customized heights. Individual dimensions are possible.

Removable pluck stakes.





Loading Bridges (Flats) with pluck stakes

All our flats are manufactured with pluck stakes all around in customized heights. Individual dimensions are possible. Removable pluck stakes.





BERINGER

Middle East



BERINGER Middle East FZC

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