



I.C.S

INDUSTRIA COSTRUZIONI STAMPI S.P.A.

VIA MAURA PONTI (PROL. X LODI)

27010 COPIANO (PAVIA)

ITALIA

ASSEMBLY MANUAL, USE AND MAINTENANCE



BIN WITH WHEELS FOR
RECYCLING LT 80 -120 -240

EDITION OF del 13/04/2015



I.C.S. INDUSTRIA COSTRUZIONI STAMPI SPA
Via Maura Ponti (Prol. X Lodi)
27010 Copiano Pavia

ASSEMBLY MANUAL, USE AND MAINTENANCE

EDITION N° 1 OF 13.04.2015

CONTAINER RECYCLING



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INTRODUCTION

0.1 GENERALITY

This manual is designed to provide SPECIFICATIONS, THE INSTRUCTIONS ASSEMBLY necessary for operations of USE, MAINTENANCE, CLEANING and finally DELIVERY to Article produced by ICS SPA called BIN CABINET WITH WHEELS FOR RECYCLING.

0.2 PURPOSE

The purpose of the Handbook is primarily to provide the correct information on how to do the Assembly, maintenance, cleaning and shipping of BIN in full SAFETY. Respecting conformity EU directives applicable to it.

0.3 NORMATIVE REFERENCES

The normative references applicable to the bin with wheels for recycling are

STANDARD :

UNI EN 840/1

UNI EN 840/5

UNI EN 840/6



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TECHNICAL DATA

1 GENERAL FEATURES

The article, BIN CABINET WITH WHEELS FOR RECYCLING produced by ICS SPA factory in Copiano (Pavia), is a mobile container with plastic wheels, for the separate collection of materials recovered for recycling, and waste disposal . The different colors (RED, YELLOW, GREEN, BLUE, BROWN, GREY) help the differentiation of waste and proper disposal. Featuring Special rubbers cushioning on the lid, allowing it to absorb the impact of the closure reducing noise after disposal of the waste. (patented) for the rejection. (patented) Not only in sealing, the container is equipped with cushioning system of opening of the cover, to eliminate noise in the early stages of recovery of municipal, but also during the complete manual openings of the lid, avoiding that the same, slam violently against the body of the bin. (patented) Easy to use and can be moved as Strong wheels with solid rubber tires, secured by axle made of galvanized steel corrosion. The coupling seat, then the system of attachment of the wheels to the shaft galvanized, has been studied also to minimize the spaces between the wheels and the bin, avoiding that during transport of the bin, the rolling of the wheels cause excessive noise.

1.1 PART LIST

The article, BIN WITH WHEELS FOR RECYCLING consists of the following components

- 1 BIN BODY • 2 LID WITH HANDLES
- 3 PINS FIXING THE COVER OF THE BIN
- 4 CUSHIONING OF RUBBER CLOSING THE LID
- 5 CUSHIONING OF RUBBER OPENING THE LID
- 6 GALVANIZED STEEL SHAFT, FOR ATTACHING THE WHEELS
- 7 WHEELS

1.2 TABLE OF COMPONENTS AND WEIGHTS

BIN LT 80

| COMPONENTE | Q.TA' | MATERIALE | PESO |
|---|-------|--|-----------|
| BIN BODY | 1 | POLIETILENE ALTA' DENSITA STABILIZZATO UV | 4.600 KG. |
| LID | 1 | POLIETILENE ALTA' DENSITA STABILIZZATO UV | 0.500KG. |
| PINS FIXING THE COVER OF THE BIN | 2 | POLIETILENE ALTA' DENSITA STABILIZZATO UV | 0.028 KG. |
| GALVANIZED STEEL SHAFT, FOR ATTACHING THE WHEELS | 1 | ACCIAO ZINCATO | 0.450 KG. |
| WHEELS | 2 | CERCHIO IN POLIPROPILENE ESTERNO IN GOMMA | 2.070 KG. |



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TECHNICAL DATA

BIN LT 120

| COMPONENT | PCS | MATERIAL | WEIGHT |
|---|-----|---|-----------|
| BIN BODY | 1 | POLYETILENE HIGH DENSITY UV STABILIZED | 5.200 KG. |
| LID WITH HANDLES | 1 | POLYETILENE HIGH DENSITY UV STABILIZED | 0.700 KG. |
| PINS FIXING THE COVER OF THE BIN | 2 | POLYETILENE HIGH DENSITY UV STABILIZED | 0.028 KG. |
| CUSCHIONING OF RUBBER CLOSING THE LID | 4 | RUBBER | 0.005 KG. |
| CUSCHIONING OF RUBBER OPENING THE LID | 2 | RUBBER | 0.005 KG. |
| GALVANIZED STEEL SHAFT, FOR ATTACHING THE WHEELS | 1 | GAVANIZED STEEL | 0.540 KG. |
| WHEELS | 2 | RING IN POLIPROPILENE EXTERNAL IN RUBBER | 2.070 KG. |



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TECHNICAL DATA

BIN LT 240

| COMPONENT | PCS | MATERIAL | WEIGHT |
|---|-----|---|-----------|
| BIN BODY | 1 | POLYETILENE HIGH DENSITY UV STABILIZED | 8.750 KG. |
| LID WITH HANDLES | 1 | POLYETILENE HIGH DENSITY UV STABILIZED | 1.200 KG. |
| PINS FIXING THE COVER OF THE BIN | 2 | POLYETILENE HIGH DENSITY UV STABILIZED | 0.028 KG. |
| CUSCHIONING OF RUBBER CLOSING THE LID | 4 | RUBBER | 0.005 KG. |
| CUSCHIONING OF RUBBER OPENING THE LID | 2 | RUBBER | 0.005 KG. |
| GALVANIZED STEEL SHAFT, FOR ATTACHING THE WHEELS | 1 | GAVANIZED STEEL | 0.620 KG. |
| WHEELS | 2 | RING IN POLIPROPILENE EXTERNAL IN RUBBER | 2.070 KG. |



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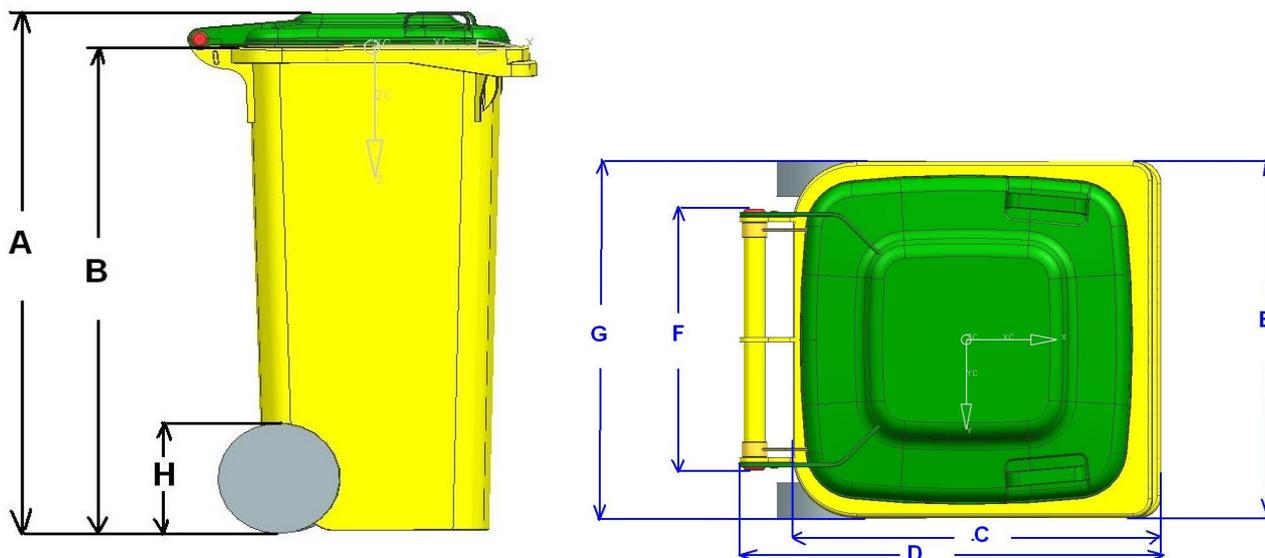
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TECHNICAL DATA

1.3 DIMENSION

BIN LT 80



| RIF. PICTURE | DIM | MODEL LT. 80 |
|--------------|-----|-----------------------------|
| Dim A | mm | 920 |
| Dim B | mm | 860 |
| Dim C | mm | 430 |
| Dim D | mm | 500 |
| Dim E | mm | 445 |
| Dim F | mm | 295 |
| Dim G | mm | 450 |
| Dim H | mm | 200 |
| Empy Mass: | kg | 5,2 + (Axles and 2 wheels) |
| Capacity : | LT | 80 |



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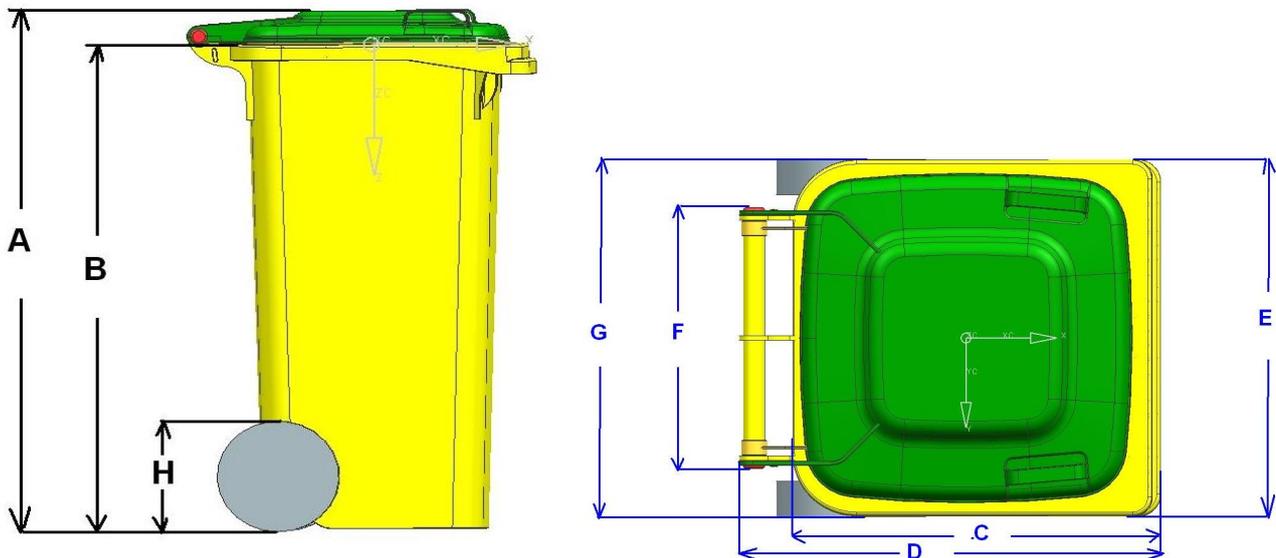
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TECHNICAL DATA

BIN 120



| RIF. PICTURE | DIM | MODEL LT. 120 |
|--------------|-----|-----------------------------|
| Dim A | mm | 935 |
| Dim B | mm | 875 |
| Dim C | mm | 492 |
| Dim D | mm | 563 |
| Dim E | mm | 481 |
| Dim F | mm | 352 |
| Dim G | mm | 481 |
| Dim H | mm | 200 |
| Empty Mass: | kg | 6.7 + (Axles and 2 wheels) |
| Capacity : | LT | 120 |



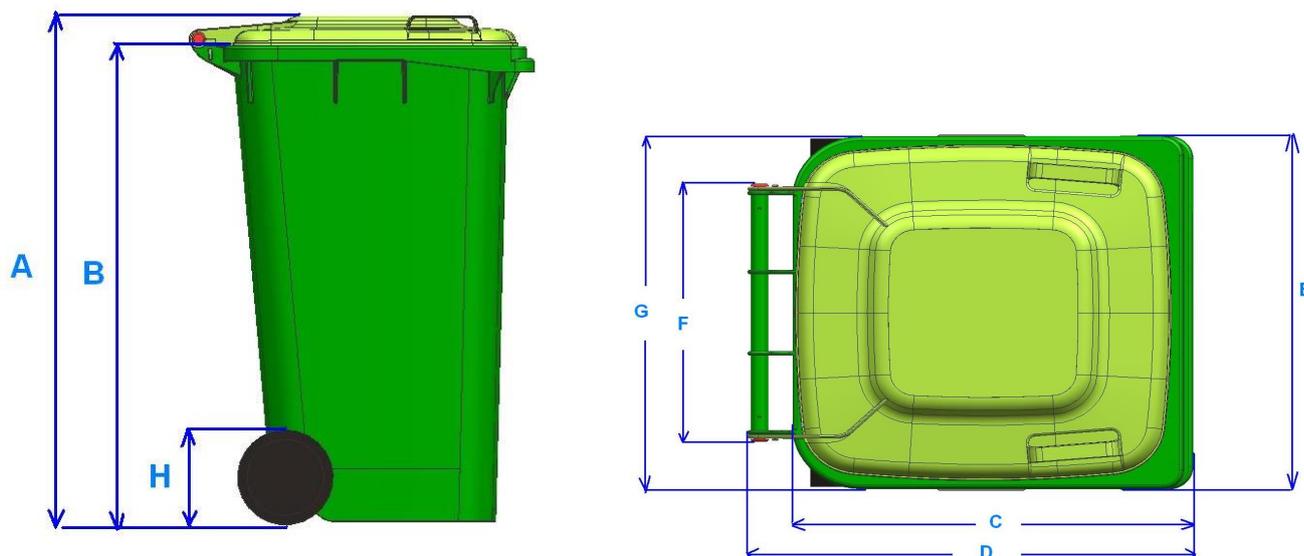
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BIN LT 240



| RIF. PICTURE | DIM | MODEL LT. 240 |
|--------------|-----|----------------------------|
| Dim A | mm | 1063 |
| Dim B | mm | 1000 |
| Dim C | mm | 647 |
| Dim D | mm | 720 |
| Dim E | mm | 580 |
| Dim F | mm | 422 |
| Dim G | mm | 580 |
| Dim H | mm | 200 |
| Empty Mass: | kg | 10 + (Axles and 2 wheels) |
| Capacity : | LT | 240 |



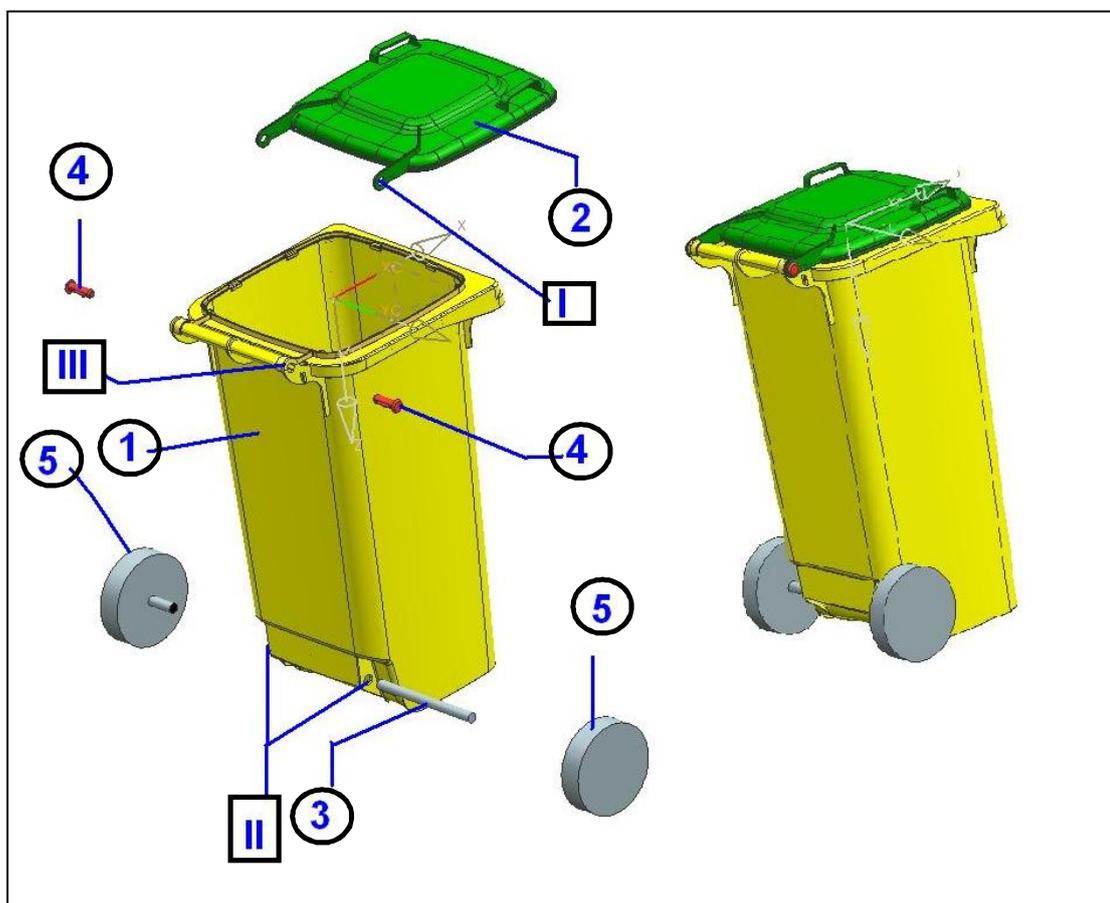
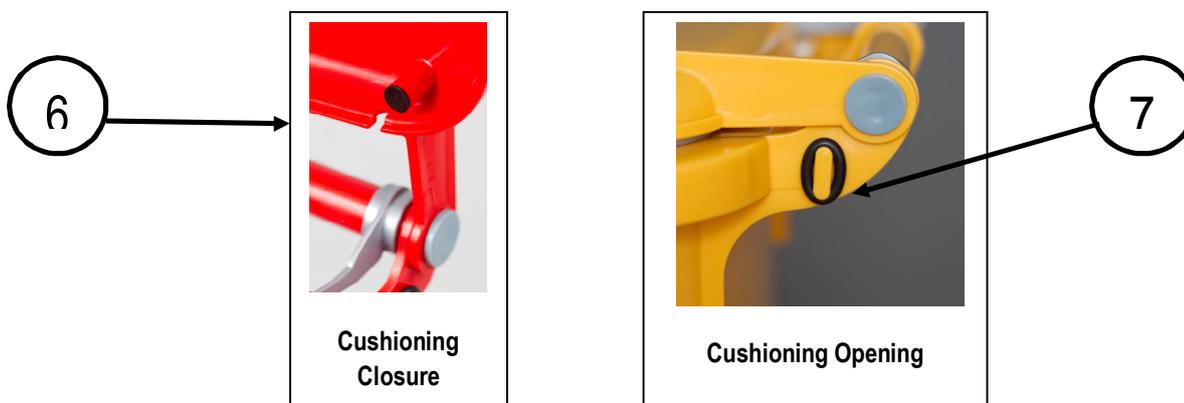
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ASSEMBLY

2 ASSEMBLY DIAGRAM





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ASSEMBLY

2.1 PRESCRIPTIONS FOR ASSEMBLY

PRESCRIPTIONS FOR ASSEMBLING THE BIN

For the assembly the bin, there is not need to use any tool that may create dangerous situations, and does not require any type of special training for the assembly.

NB: Make sure that all components are in perfect condition and state of preservation, so that cracks or deformation affecting the perfect operation of the product. In case you have abnormal contact your dealer.

2.2 ASSEMBLY ISTRUCTIONS

| FASI | ASSEMBLY INSTRUCTION FOR THE BIN |
|------|--|
| 1° | Insert the Rubber (Comp. 6) in 4 locations round of the lid |
| 2° | Insert the Ring (Comp. 7) in the 2 oval sites of the Bin Body |
| 3° | Place the lid (Comp. 2) on the bin, so that the holes [I] and [III] are aligned on the same wheelbase. |
| 4° | Take 2 pins fixing for the lid (Comp. 4), with the steel attachment facing down, insert them into the holes [I] and [III] previously aligned, and push them up to perfect coupling on the handle of the bin. |
| 5° | Insert the shaft (Comp. 3) into the holes [II] of the bin |
| 6° | Take the wheels (Comp. 5) and hook them until at the click of fixing on the shaft |



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CLEANING

3 CLEANING

The bin with wheels produced by ICS SPA, has been specially designed with rounded to facilitate cleaning and prevent build up of dirt. The cleaning of the bin, in each component, can be performed with water or industrial detergents or common little aggressive.

It 'not recommended to use aggressive solvents that could compromise the stability of the material and consequently the resistance.

3.1 PRECAUTIONS FOR CLEANING

In case of use of industrial cleaners, wear protective gloves, and if the cleaner so requires, wear a face mask, especially for cleaning the inside of the bin preventing inhaling the fumes created in the bin. In the case of completely filling with liquid for cleaning, be careful during movement, as they can be dangerous and cause a full load during the transport with danger in case of tipping, for the limbs, feet, hands, etc..



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MAINTENANCE

4 ORDINARY MAINTENANCE

The BIN FOR RECYCLING, does not require any scheduled maintenance except cleaning.

4.1 ACCIDENTAL EVENT

In case of a fall, shock or incorrect use, it is recommended to check the perfect anchor pin fixing lid to the bin and wheels to the axle.

4.2 OPERATION OF EXTRAORDINARY MAINTENANCE

In case of accidental release even partial, is invited to reassemble if not damaged, according to the assembly sequence described in Chapter 2 of this instruction manual.



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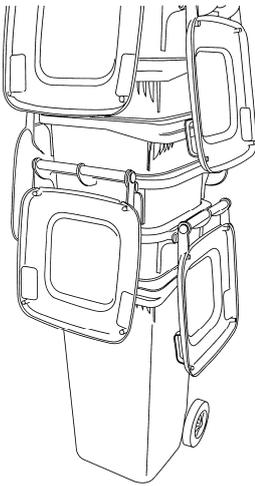
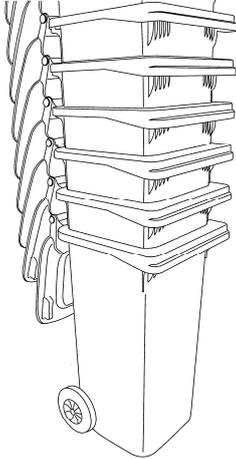
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PACKAGING AND
DELIVERY

5 PACKAGING AND DELIVERY

The bins have been designed to optimize the transport during expeditions and promote the storage warehouse. The model LT 120, has been patented for what concerns the stacking of a bin inside the other. A system to meet the needs of the market and storage because, by inserting the bins in row one after the other by turning them 90 °, are obtained files to be placed on pallets common measurement, thus allowing to protect them in shipping and storage, reducing the breakage of the covers during transport, because they remain protected in the perimeter of the pallet and packaging. (See table below)

| PALLET DIMENSION 100 X 120 | WITHOUT PALLET |
|---|--|
|  |  |
| <p>Lt 120 10 PCS 4 ROWS FOR A TOTAL OF 40 PCS</p> | <p>Lt 120 12 PS FOR ROW Lt 240 11 PS FOR ROW</p> |
| <p>FIRST BIN WITH AXLE AND WHEELS</p> | |



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PACKAGING AND
DELIVERY

5.1 Packaging Components

| COMPONENT | TYPE OF PACKAGING | QUANTITY |
|----------------------|--------------------|-----------|
| LID FOR BIN 120 LT | PALBOX | 100 PCS |
| LID FOR BIN 240 LT | PALBOX | 60 PCS |
| AXLES BIN LT 120 | SINGLE PACK 10 PCS | 1.520 PCS |
| ASSALI BIDONI LT 240 | SINGLE PACK 10 PCS | 1.000 PCS |
| WHEELS FOR BIN | PALLET | 850 PCS |

5.2 Precautions Packaging

The bins are designed to be resistant to extreme use, provided that you respect certain parameters specified in the data sheet of the bin (available from the Manufacturer).

With regard to shipping operations, the only precaution is to check that the lids during loading, they are not compressed or deformed. If it is dispatched on a pallet, it is important to verify that the pallets are to lean and not the file bins avoiding possible distortion of the lids.



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DECLARATION OF
CONFORMITY

ZERTIFIKAT ◆ CERTIFICATE ◆ 認証証書 ◆ CERTIFICADO ◆ CERTIFICAT




Product Service

CERTIFICATE

No. Z1 15 04 35693 003

Holder of Certificate: ICS s.p.a.
Via Maura Ponti
27010 Copiano (PV)
ITALY

Certification Mark:



Product: Selective waste collection containers

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes overleaf.

Test report no.: MEC10115.01

Valid until: 2020-04-09



Date, 2015-04-13
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(Gianpaolo Mensa)

TÜV SÜD Product Service GmbH - Zertifizierstelle · Ridlerstraße 65 · 80339 München · Germany



CERTIFICATE
No. Z1 15 04 35693 003



Product Service

Model(s): 80, 120, 240

| Parameters: | Model | Capacity | Dimension |
|-------------|-------|----------|------------------|
| | 80 | 80 l | 50 x 46 x 92 cm |
| | 120 | 120 l | 55 x 50 x 94 cm |
| | 240 | 240 l | 73 x 58 x 106 cm |

Note:
 Colour: Green/yellow/blue/red/white/brown/grey
 Material: PE

Tested according to: EN 840-1:2012
 EN 840-5:2012
 EN 840-6:2012

Production Facility(ies): 35693



Product Service

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