



CITYBAC[®] 240

Reduced to the max

SULO[®]

EMPOWER TO COLLECT TOMORROW'S WASTE TODAY

We want to help minimize waste to make the future a better place. For a world without waste.

More than 3.5 billion tons of waste. Per day. Worldwide. Together, we are looking past standard answers to solve this complex challenge and stop tomorrow's waste. Every day, we do our best to raise the bar for recycling. That's not just talk, either. We take action. Every day.



Quality

Proofed reliability and beyond standards enable to concentrate on the details to close the circular loop.

Innovation

Creatively developing smart solutions to prevent waste today and tomorrow. Because we can always improve.

Sustainability

Solving complex challenges together – not just for today but with a view to creating a worthwhile future.



FOR A WORLD WORTH LIVING IN

Closed loop recycling is what drives us to live our three core brand values in our day-to-day operations. From design to material, we remain focused on the broader vision of shrinking environmental and climate footprints to zero. As a thought leader in the European waste management industry, we harness all our experience and innovative strength into creating a clean world that is worth living in, for us and future generations.



OPTIMIZE WITH STYLE CITYBAC® DESIGN

SULO's optimized Citybac® 240 is a next-generation 2-wheeled bin produced using state-of-the-art production methods and advanced tools. The new eco design is a compelling response to constantly growing demand for low-impact solutions and better comfort during handling. It's good for the environment. Good for employee/loader and everyday users. Once you try this two-wheeled professional, you will not want to do without it.

CITYBAC



Naturally colourful ECO COLOUR

100% RECYCLED MATERIAL



GREY
RAL
7021
AT

ECO FRIENDLY
■■■■■

The more recycled material you have, the less intense the colour of your plastic bin. If you follow this rule when looking for a high-quality bin made from the most recycled content possible, you will generally end up with a grey body for all waste categories. Then, all it takes to easily distinguish between different waste types are coloured lids. A coloured lid ticks two different boxes: It identifies the waste type and minimizes your bin's eco-footprint by maximizing the recycled content.



GREY
RAL
7021
AT

GREEN
RAL
6011
VJ

BROWN
RAL
8025
MR

BLUE
RAL
5023
BN

YELLOW
RAL
1018
JA

ORANGE
RAL
2008
OF

RED
RAL
3001
RN



GREEN
RAL
6011
VJ

ECO FRIENDLY
■■■■■



BROWN
RAL
8025
MR

ECO FRIENDLY
■■■■■



BLUE
RAL
5023
BN

ECO FRIENDLY
■■■■■

Bins and lids are available in other colours without recycled material.

SAME QUALITY WITH EVERY LID



Separated handle

Citybac® 240L

This version of the new bin is manufactured at Langres plant.

By using the **Design Lid** you reduce 20 % of the lid closing noise. A small lip on the underside of the lid ensures a smooth sliding lid.

DESIGN LID

Patented noise reduction lid



Continuous handle

Citybac® 240L

This version of the new bin is manufactured at Herford plant.

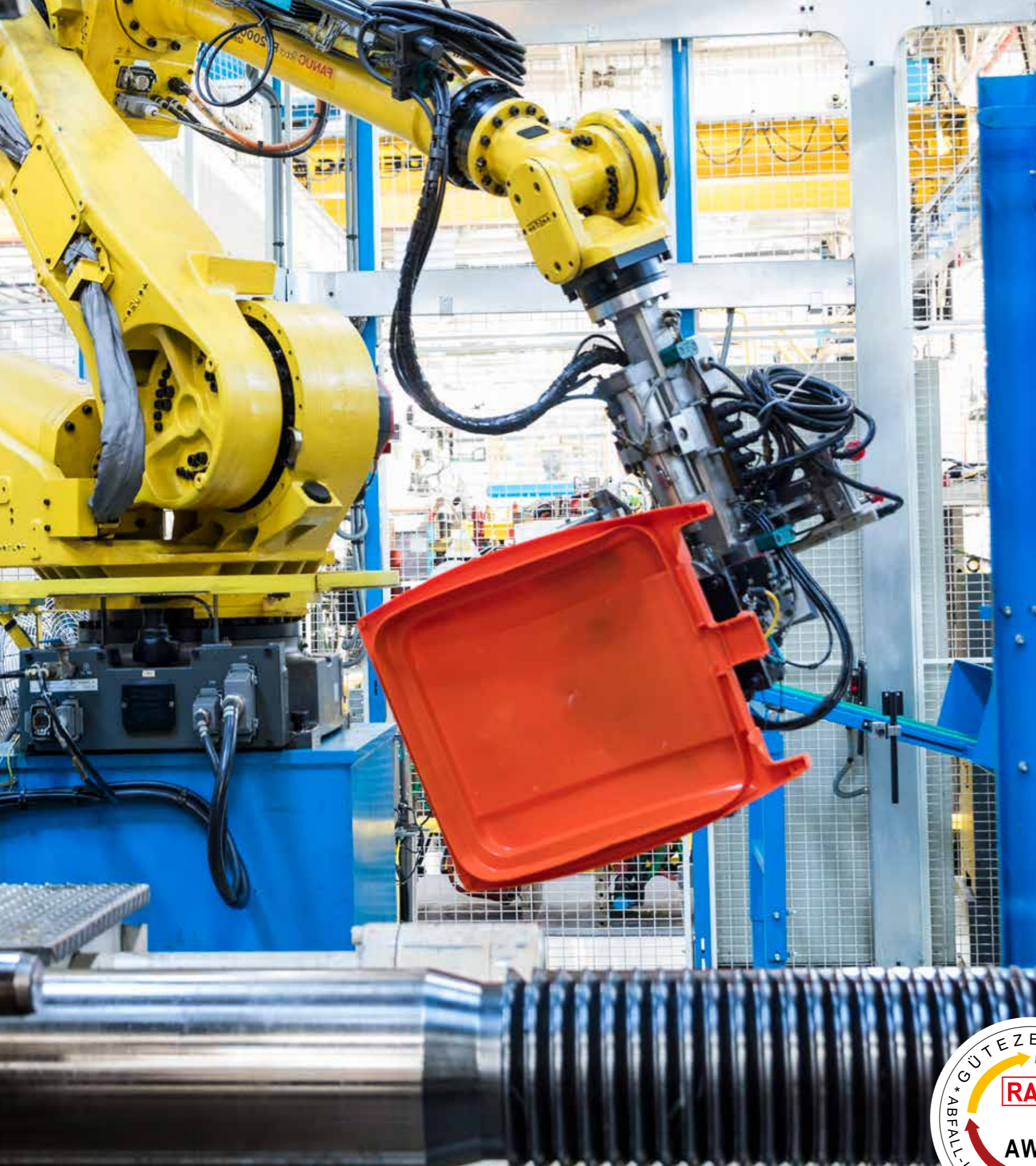
STANDARD LID



CLIP LID

Sustainable fraction clip function patented

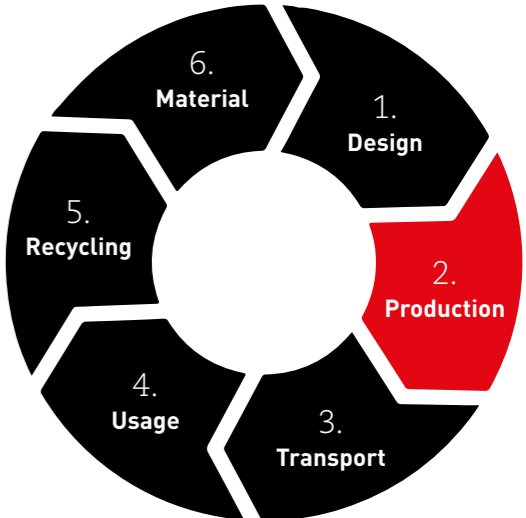




CLEAN, GREEN PRODUCTION

SULO is known for its corporate culture, which has evolved over the years and combines an uncompromising commitment to quality with the drive to visibly reduce the environmental footprint of all production and service operations. That is why all SULO production sites are ISO 14001-certified. Based on this internationally recognized standard, we motivate our employees and departments to consider and protect the environment and natural biodiversity. Being committed to continuous improvement, we aim to tirelessly minimize environmental impacts and effectively reduce energy consumption and greenhouse gas emissions. Our ISO 50001 energy management system is geared toward continuously improving energy efficiency. Our Langres and Herford production facilities have

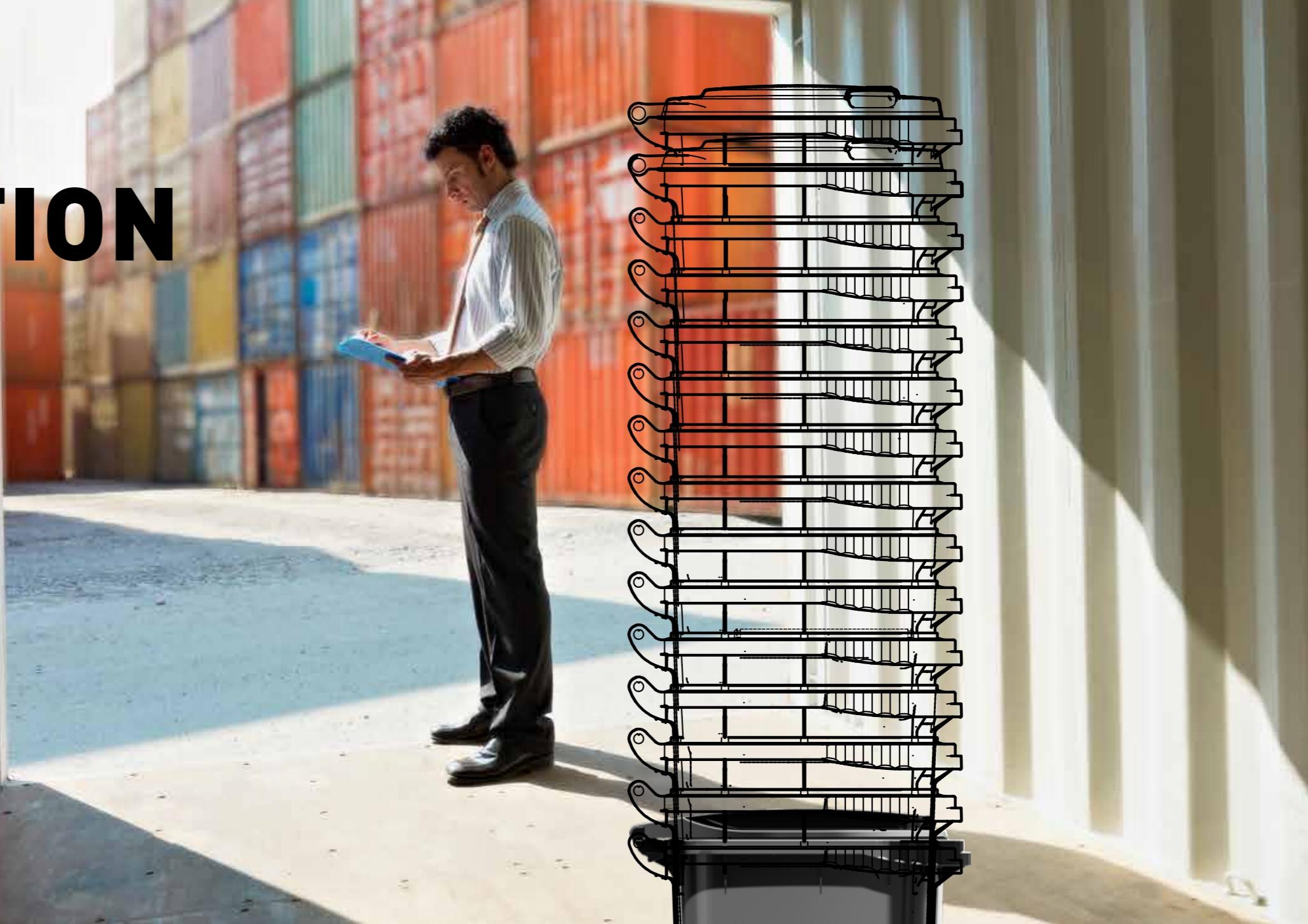
been certified since 2016 and 2014, respectively. In addition, we encourage all SULO production sites to employ state-of-the-art instrumentation to identify other savings opportunities. At SULO, we strive for sustainability excellence at every phase of our manufacturing and services. The Citybac 240 is manufactured in accordance with EN 840. In addition, it is also provided with the RAL GZ 951/1 quality seal, the highest quality standard for waste and recycling bins. The requirements of the inspections, which are regularly conducted by independent institutes, go far beyond those of EN 840 and guarantee the best quality, durability and safety of the bins.



THE **NEW** BIN GENERATION

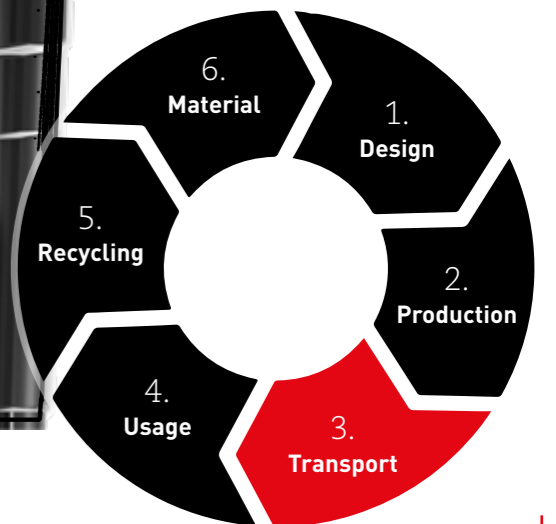
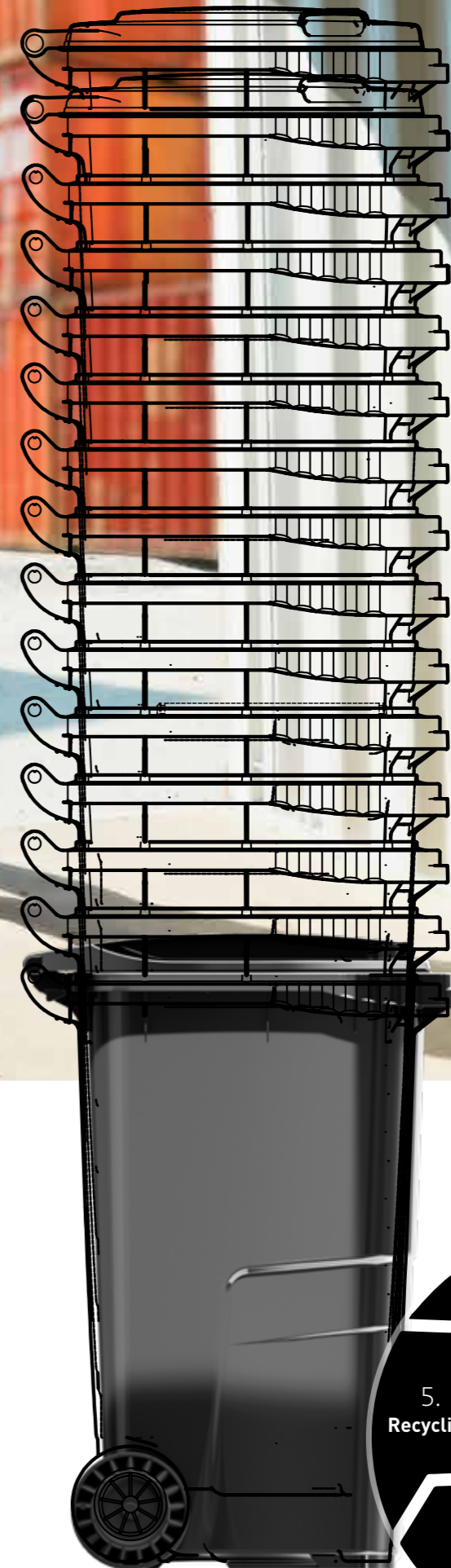
Maximum stacking **TRANSPORT**

SULO has been exporting bins all over the world for 40 years. Since no bin manufacturer in the world has the capacity to store all its bins fully assembled, bins are always stored and shipped in stacked form. The products still take up considerable space, so the main day-to-day challenge is to optimize use of transport space.



OPTIMIZED TRANSPORT

The geometry of the new bin generation was modified to use transport space up to 20 % better than previous products. At the same time, the carrier saves up to one tonne of weight for each transport, which means significantly less fuel consumption per kilometre. SULO has thus fully delivered on its promise to create a sustainable, future-proof product solution. The pioneering design of the Citybac® 240 bin has made it possible to transport more bins per shipment than anyone in the industry has ever managed before – and thus significantly reduce CO² emissions.





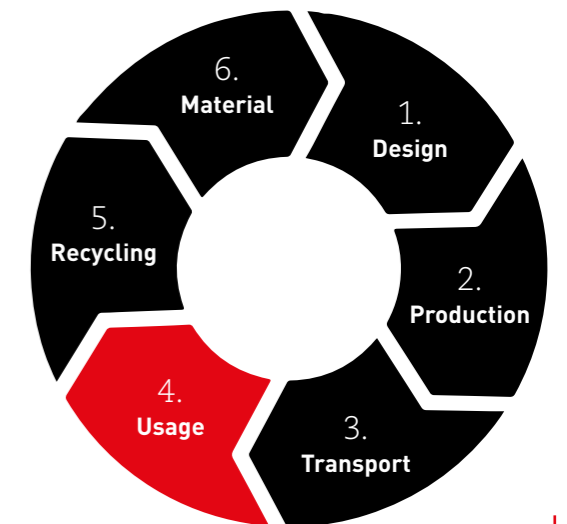
PRIMED FOR COMFORT AND THE ENVIRONMENT

Lighter loads through **WEIGHT REDUCTION**

One employee/loader on a waste collection run empties around 600 bins per day. If up to 3.5 kg is cut from the bin weight, each employee will have to move 2.1 t less a day and 462 t less a year. That translates into up to 25 % less weight for the garbage collectors.

Overall value proposition **USAGE**

Our products are designed to consume as little material and energy as possible while extending their service life. The controlled reduction in bin weight helps reduce workloads for employee/loader and decrease maintenance costs. Logistics considerations are also weighed very carefully to reduce the products' carbon footprint during transport, in large part through better stacking performance. Ecodesign also means preparing for the end of the product's life by making it easier to repair and/or recycle.



-82% LESS IS MORE

CO² savings RECYCLED CONTENT

SULO's strategy revolves around recycling and aims to reduce greenhouse gas emissions and sustainably change how we generate value.



Citybac® Classic 240

26,78

kgCO² eq/kg

Body with virgin HDPE,
produced with conventional power

21,43

Lid with virgin HDPE,
produced with conventional power

3,54

Wheels with virgin HDPE

0,65

Hollow steel axle

1,16



Citybac® 240

4,77

kgCO² eq/kg

Body with secondary HDPE,
produced with CO² neutral power

1,89

Lid with up 50% secondary HDPE,
produced with CO² neutral power

1,17

Wheels with secondary HDPE

0,55

Hollow steel axle

1,16

-82%



OUR PRODUCTS STAY IN THE LOOP

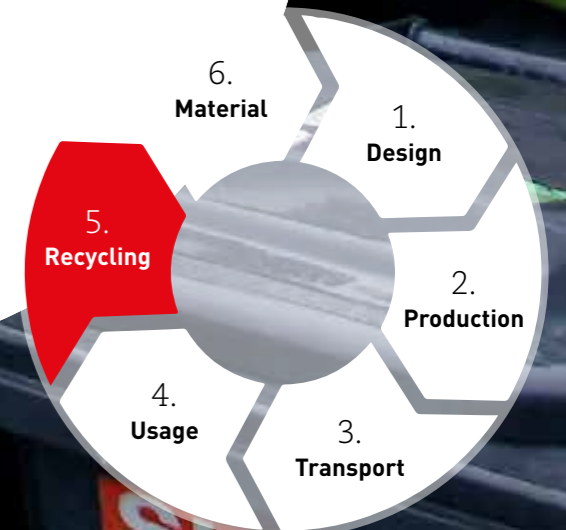
All SULO bins and components are 100 % recyclable. Starting from that basic premise, we have vigorously broadened the concept of sustainable circular economy. Our factories are equipped with recycled-plastic extruders so we can process post-consumer resources, greatly reducing fossil fuel consumption and the resulting CO² emissions.

But we don't stop there. We continue optimizing the circular economy process by employing an optical colour sorting system in order to improve the recycled content of our coloured bins as well. In short, our production processes meet all the criteria to recycle defective or worn-out HDPE bins into new, high-quality and visually appealing products. And so we close the loop.



Fossil fuel consumption **GREATLY REDUCED**

- Lower CO² emissions
- Supports the environmental evolution of cities and municipalities
- Extends product lifecycle

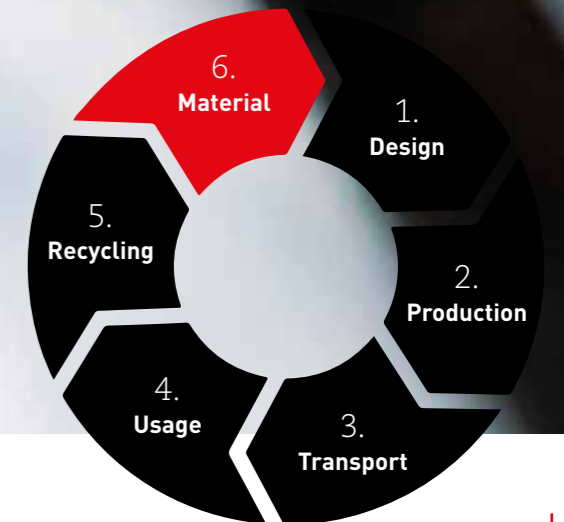
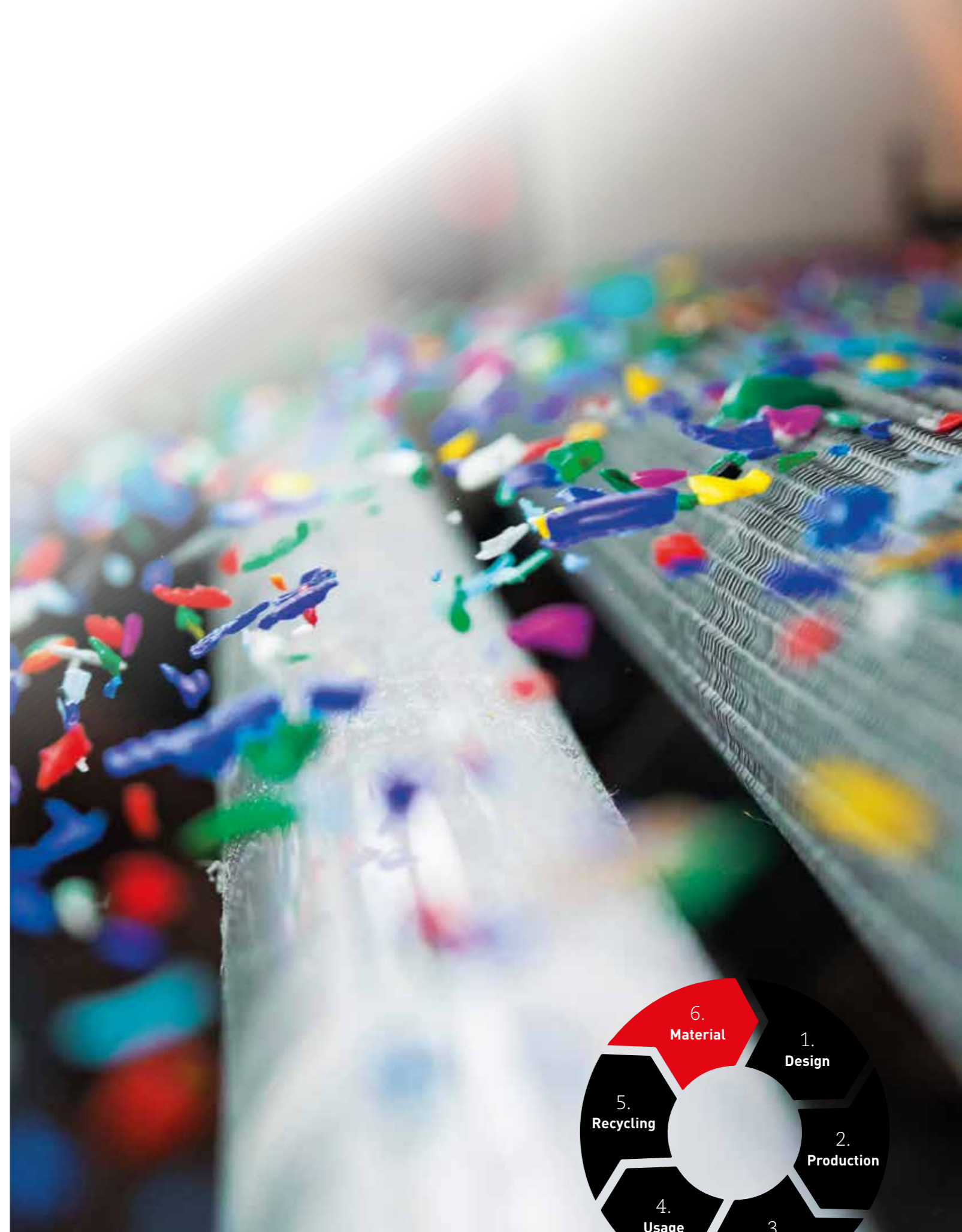


INTELLIGENTLY SORTING RECYCLING

80 % post-consumer recycled content
– 100 % guaranteed SULO quality.



Environment or quality? Ideally, why not pick both? Our RAL-certified Citybacs are made from at least 80 % certified recycled plastic that used to be something other than a bin in their previous lives. We have drawn on all our experience and ingenuity to meet all quality requirements with eco-friendly recycled material. Perfectly designed geometries and state-of-the-art processes deliver the kind of **stability, reliability and durability that you have come to expect from SULO.**



At first glance,
a completely normal
waste bin.

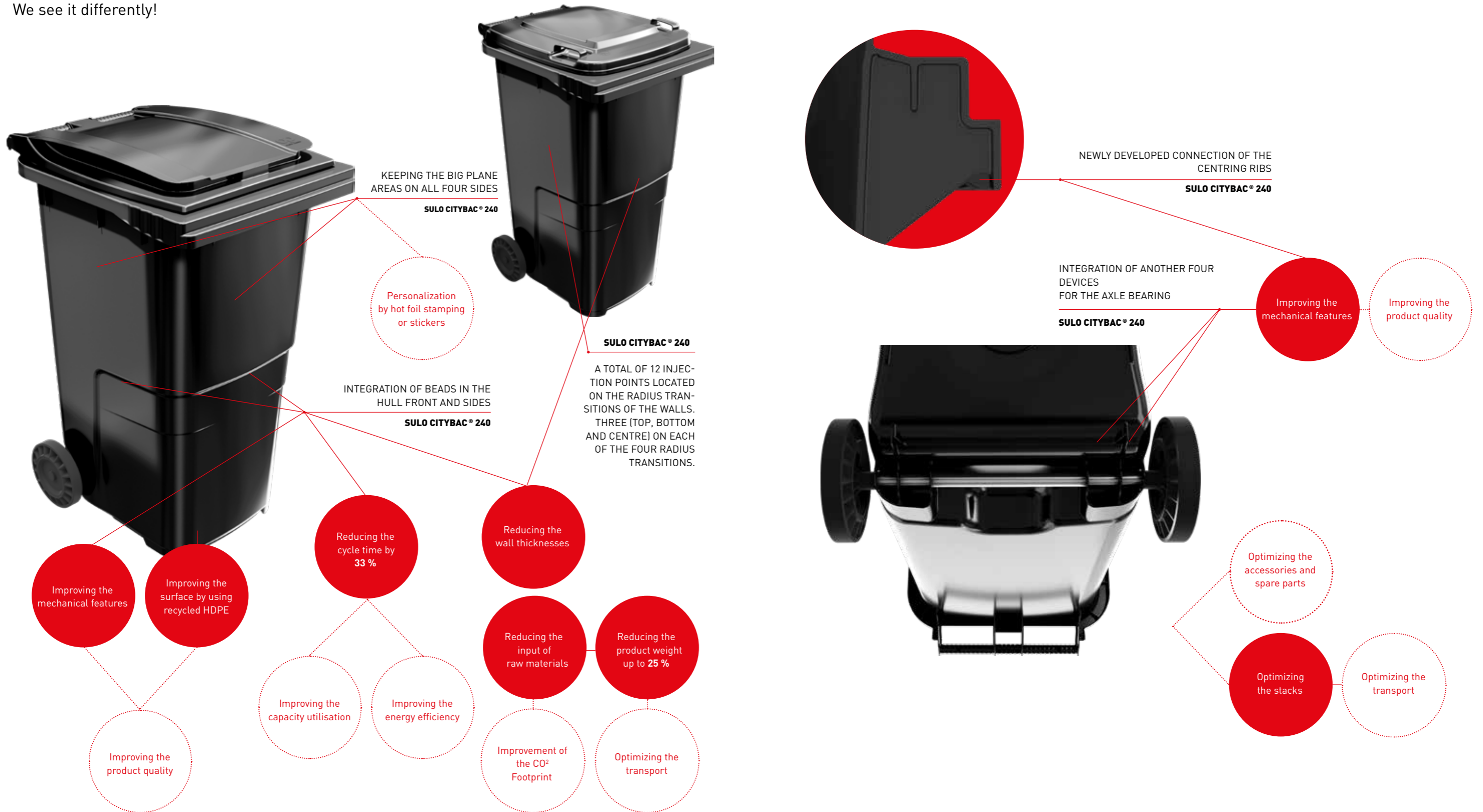
We see that differently!

HIGHLIGHTS

Highlights

WEIGHT REDUCTION, STABILITY AND PERSONALIZATION

At first glance, a completely normal waste bin.
We see it differently!



Highlights

STORAGE AND TRANSPORT



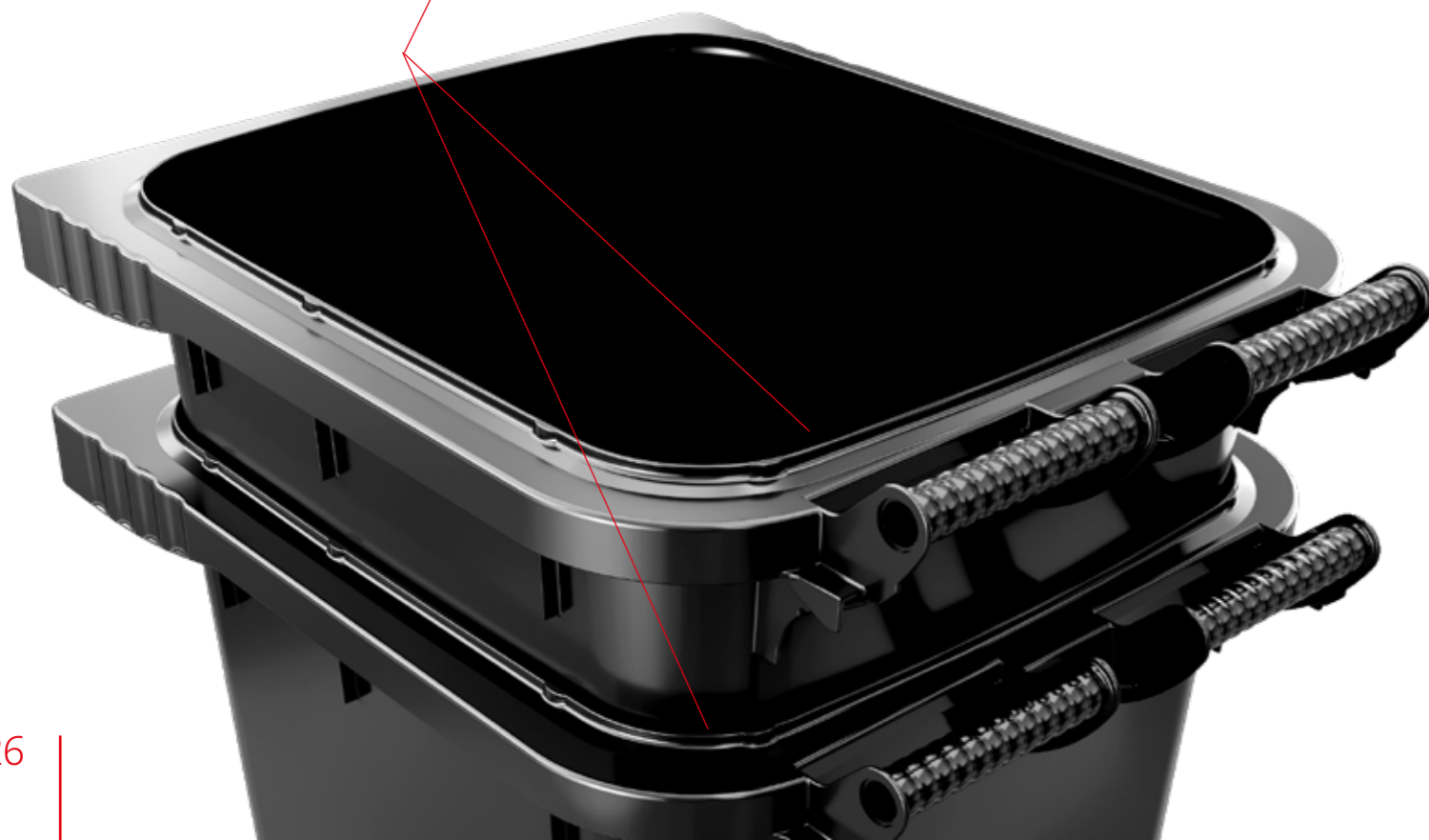
LATERAL CONTAINER
EDGE PARALLEL
SULO CITYBAC® 240

Higher stackability

Better use of
transport capacity
+20 %*

Optimisation of
loading capacities

Reducing the
CO²-consumption



Stack and Ship

CARGO OPTIMIZATION

Standard Lid

| Vehicle | Inner dimensions of vehicle (L x W x H) | Stack | Piles / Vehicle | QTY / Vehicle (pcs) | Increased use of transport space (%)* | Environmental friendly use of the transport weight (Kg)* |
|-----------------------------------|---|-------|-----------------|---------------------|---------------------------------------|--|
| 40" HC Container | 12,02 x 2,35 x 2,69 | 14 | 67 | 938 | 14% | -871,0 |
| 80m ³ Standard Trailer | 13,40 x 2,45 x 2,65 | 15 | 76 | 1.140 | 20% | -250,8 |
| 120m ³ Jumbo Trailer | 15,36 x 2,45 x 3,00 | 15 | 88 | 1.320 | 20% | -290,4 |

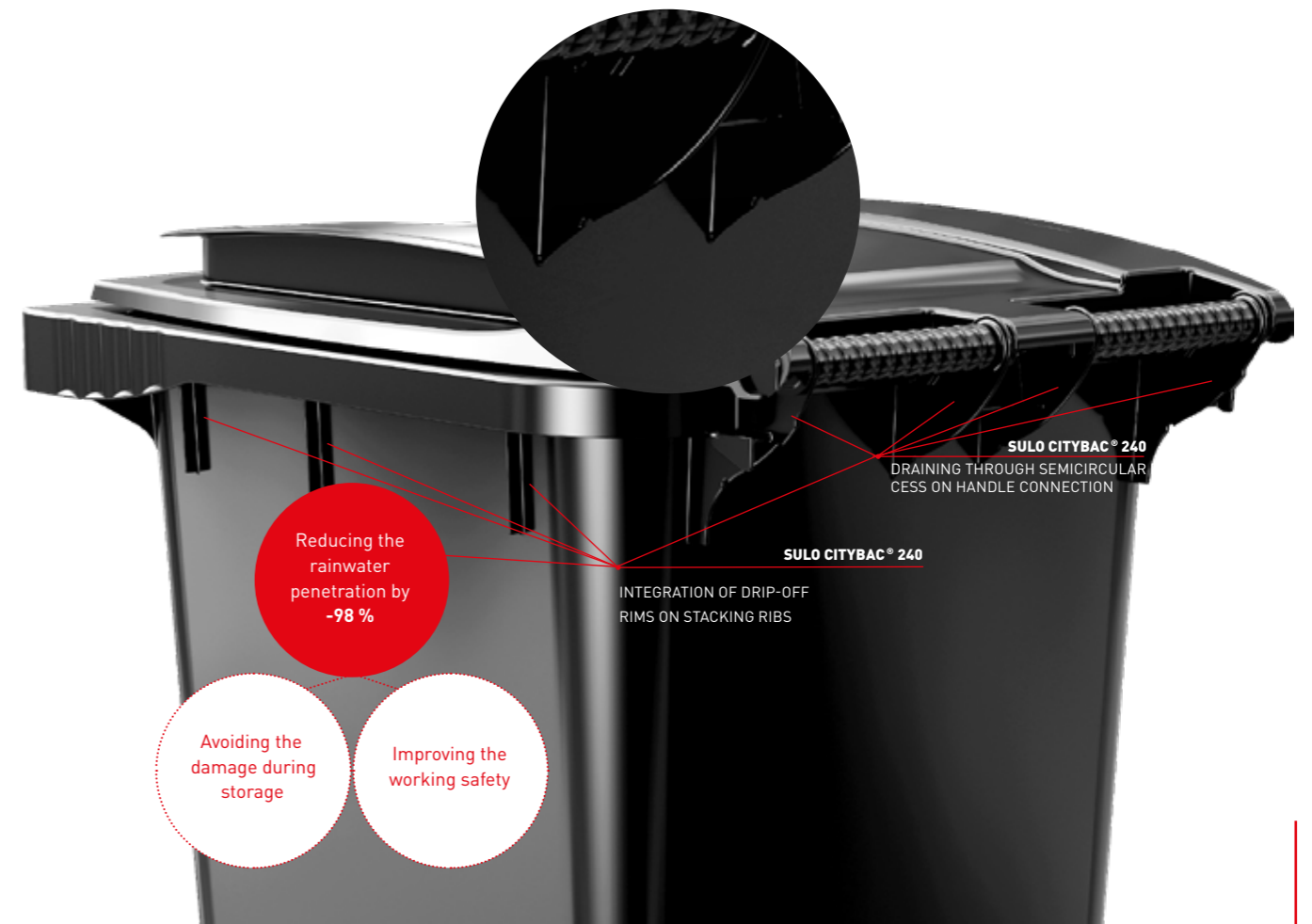
Clip Lid

| Vehicle | Inner dimensions of vehicle (L x W x H) | Stack | Piles / Vehicle | QTY / Vehicle (pcs) | Increased use of transport space (%)* | Environmental friendly use of the transport weight (Kg)* |
|-----------------------------------|---|-------|-----------------|---------------------|---------------------------------------|--|
| 40" HC Container | 12,02 x 2,35 x 2,69 | 12 | 67 | 804 | 8% | -1.319,9 |
| 80m ³ Standard Trailer | 13,40 x 2,45 x 2,65 | 13 | 76 | 988 | 15% | -737,2 |
| 120m ³ Jumbo Trailer | 15,36 x 2,45 x 3,00 | 14 | 88 | 1.232 | 21% | 26,4 |

Design Lid

| Vehicle | Inner dimensions of vehicle (L x W x H) | Stack | Piles / Vehicle | QTY / Vehicle (pcs) | Increased use of transport space (%)* | Environmental friendly use of the transport weight (Kg)* |
|-----------------------------------|---|-------|-----------------|---------------------|---------------------------------------|--|
| 40" HC Container | 12,02 x 2,35 x 2,69 | 13 | 67 | 871 | 15% | -723,6 |
| 80m ³ Standard Trailer | 13,40 x 2,45 x 2,65 | 13 | 76 | 988 | 15% | -820,8 |
| 120m ³ Jumbo Trailer | 15,36 x 2,45 x 3,00 | 13 | 88 | 1.144 | 15% | -950,4 |

*in comparison to Citybac Classic 240L / only top lid mounted



SULO CITYBAC® 240
DRAINING THROUGH SEMICIRCULAR
CESS ON HANDLE CONNECTION

Reducing the
rainwater
penetration by
-98 %

SULO CITYBAC® 240
INTEGRATION OF DRIP-OFF
RIMS ON STACKING RIBS

Avoiding the
damage during
storage

Improving the
working safety

Highlights

MOUNTING AND HANDLING



SULO CITYBAC® 240



Move and Use

WEIGHT OPTIMIZATION

| PRODUCT | BODY (kg) | LID (kg) | LID RIVET (kg) | WHEEL/AXLE (kg) | TOTAL (kg) | +/- | |
|------------------------------------|-----------|----------|----------------|-----------------|------------|-------|------|
| SULO CITYBAC CLASSIC 240 | 8,60 | 1,10 | 0,01 | 2,70 | 12,41 | | |
| SULO CITYBAC 240 (Standard wheels) | 5,90 | 1,10 | 0,01 | 2,70 | 9,71 | -2,70 | -22% |
| SULO CITYBAC 240 (Silent wheels) | 5,90 | 1,10 | 0,01 | 1,90 | 8,91 | -3,50 | -28% |

SPECIFIC OPTIONS
Citybac 240

Standard Optional

| | Standard | Optional |
|---|----------|----------|
| MATERIAL | | |
| Extra UV protection | | ▪ |
| COLOURS | | |
| Basic colours | ▪ | |
| Other colours | | ▪ |
| LIFTING SYSTEMS | | |
| EN 840 comb | ▪ | |
| LIDS | | |
| Standard Lid* | ▪ | |
| Clip Lid (EURO2)* | | ▪ |
| Design Lid with Air Cushin function** | ▪ | |
| Faction Indication Clip for CLIP lid, individualization possible* | | ▪ |
| LID SLOT SYSTEMS | | |
| GLASS | | |
| 150 mm with masking ring and rubber rosette | | ▪ |
| PAPER | | |
| 250 x 20 mm on top* | | ▪ |
| 250 x 30 mm on top* | | ▪ |
| 300 x 30 mm on top* | | ▪ |
| Paper inlet hood BLUE | | |
| Paper inlet hood ORANGE* | | ▪ |
| LID OPENING NOISE REDUCTION | | |
| Lid opening* | | ▪ |
| Lid closing damper* | | |
| WHEEL SYSTEMS | | |
| AXLE | | |
| Hollow axle | ▪ | |
| Solid axle | | ▪ |
| WHEELS | | |
| Ø 200 mm | ▪ | |
| Ø 200 mm Silent wheels** | ▪ | |

SPECIFIC OPTIONS
Citybac 240

Standard Optional

| | Standard | Optional |
|---|----------|----------|
| LOCKING SYSTEMS | | |
| Padlock fixtures | | ▪ |
| TRIANGULAR | | |
| with open position | | ▪ |
| without open position | | ▪ |
| CYLINDER LOCK WITHOUT AUTOMATIC FUNCTION | | |
| same key locking | | ▪ |
| group key locking | | ▪ |
| different key locking | | ▪ |
| CYLINDER LOCK WITH AUTOMATIC FUNCTION | | |
| same key locking | | ▪ |
| group key locking | | ▪ |
| different key locking | | ▪ |
| SULO ASSEMBLY IDENT-CHIP | | |
| RFID chip under comb with barcode sticker | | ▪ |
| RFID chip under comb without barcode sticker | | ▪ |
| INDIVIDUAL IDENTIFICATION | | |
| SULO sticker | ▪ | |
| Customer sticker | | ▪ |
| Hot foil stamping on body (single colour) | | ▪ |
| Hot foil stamping on lid (single colour) | | ▪ |
| Photo-Injection labelling on Air Cushin lid** | | ▪ |
| Running numbers (single colour) | | ▪ |
| Running numbers (multi colour) | | ▪ |
| Lid embossing insert | | ▪ |

* available only from Herford production

** available only from Langres production

