



SUSTAINABLE STEEL:

THE SOLUTION TO THE PLASTIC PROBLEM

No more plastic bins, plastic totes, plastic containers – consumers seek alternatives to the plastics choking our landfills, oceans and homes. Enter – Behrens galvanized steel products.



THE CHOICE IS REAL

STEEL *vs.* PLASTIC

Steel is 100% recyclable, with more steel being recycled each year than paper, plastic, aluminum and glass combined. ¹



STEEL IS THE MOST RECYCLED MATERIAL ON EARTH ³

Only 9% of plastic is ever recycled, the remainder accumulates in landfills or ends up in oceans. ²

If present trends continue, by 2050, 12 billion metric tons of plastic will inhabit landfills; 35,000 times as heavy as the Empire State Building. ⁴



Multi-use / Reusable. 70% of all domestic steel starts as scrap & recycled



HALF OF ALL PLASTIC PRODUCED EACH YEAR IS USED FOR SINGLE-USE PURPOSES

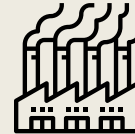


STEEL LOSES NO QUALITY DURING RECYCLING AND CAN BE RECYCLED ENDLESSLY.

91% of plastic not recycled. ⁵ Most plastics can only be recycled once or twice before they are downcycled into something of lesser value. ⁶

Alloy steel is based primarily on iron created in electric arc furnaces

Plastic is made of fossil fuels in chemical process plants



Steel is odor-, weather-, chemical-, temperature- & rodent-resistant.



PLASTIC CONTAINS CHEMICAL ADDITIVES THAT LEECH INTO FOOD, WATER AND PEOPLE.

STEEL ACCOUNTS FOR LESS THAN 6% OF CONSTRUCTION LANDFILLS



79% stay in landfills or natural environment for at least 400 years



Non-toxic.
Made of iron, oxygen, coal and limestone

INCLUDES KNOWN TOXINS BPA OR BPS
Made of Phthalates, Bisphenol S, Bisphenol-A (BPA), Polyvinyl Chloride



¹ https://www.steel.org/-/media/Files/AISI/Fact%20Sheets/Is_sustainable_recyclable_oct08.pdf ² More than 8.3 billion tons of plastics made. Most has now been discarded. (2018). Retrieved July 15, 2019 from <https://www.sciencedaily.com/releases/2017/07/170719140939.htm>. ³ Steel is the World's Most Recycled Material. Retrieved July 15, 2019 from <https://www.steelsustainability.org/recycling> ⁴ Ibid. ⁵ Ibid. ⁶ <https://recyclenation.com/2017/06/how-many-times-can-recyclables-be-recycled/>. Images by artists from Noun Project: Andreas Vögele (globe); Koson Rattanaphan (recycle); H Alberto Gongora (Squirrel); icongeek (leaves); Chris Penny (Empire State Building); monkik (factory); Drew David Park (landfill); Viktor Ostrovsky (poison)



QUALITY

BEHRENS™

EST. METALWARE 1911
MINNESOTA

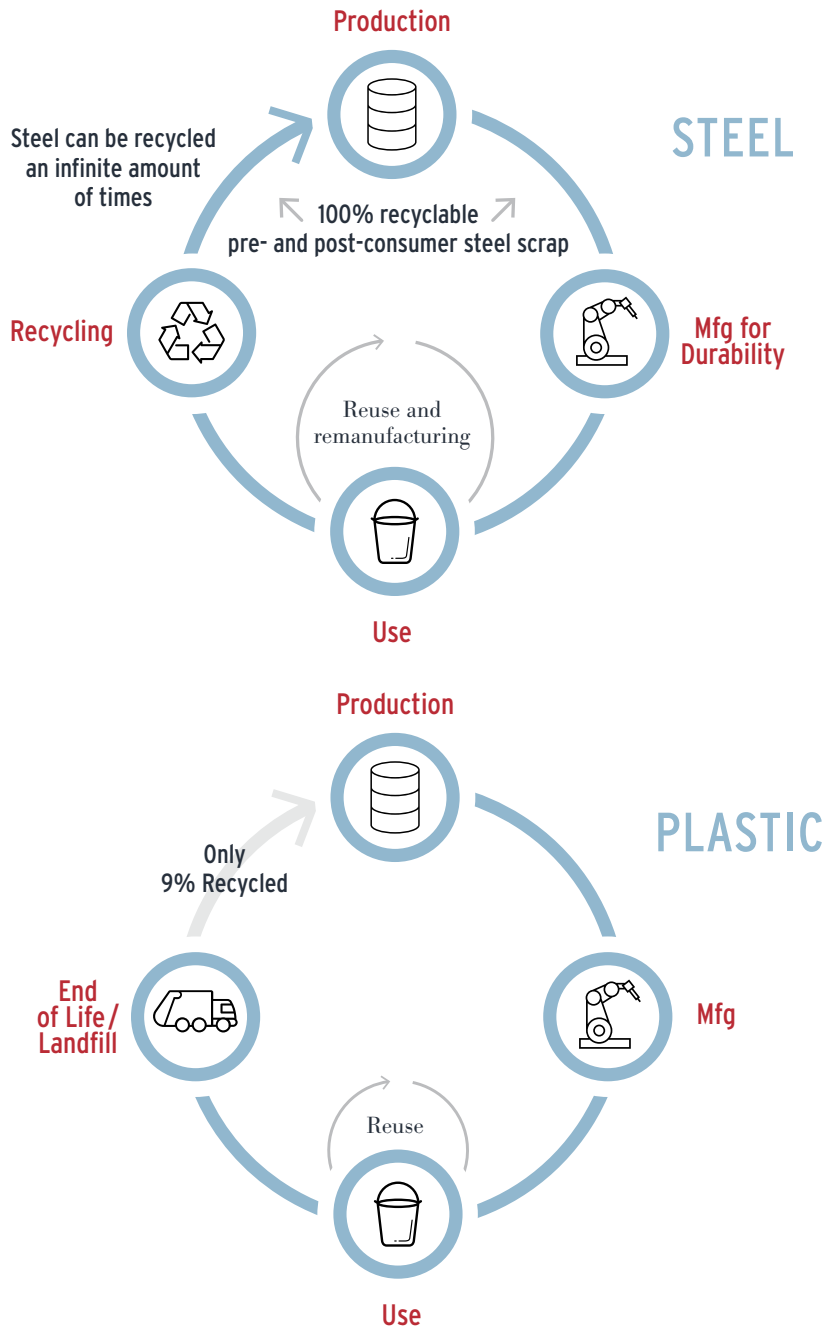


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THE TALE OF TWO LIFECYCLES

STEEL vs. PLASTIC



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PLASTIC CHECKLIST

Check out this list of ingredients which are used in many plastic items around your home. These ingredients are commonly found in plastic and potentially harmful to you and the planet: Phthalates, Bisphenol S, Bisphenol-A (BPA), Polyvinyl Chloride. Steel is made from iron, oxygen, coal and limestone.



INSTEAD OF PLASTIC CONTAINERS

WHY - Steel is odor, weather, rodent-and-chemical resistant, more durable 100% recyclable



INSTEAD OF PLASTIC PLANTERS

WHY - Chemicals found in plastic can leach into your food and soil. Steel is more durable, 100% recyclable and does not contain petrochemicals.



INSTEAD OF PLASTIC PET DISH

WHY - Chemicals can leach from plastic containers into pet food and water dishes. Plastic is prone to developing cracks and crevices that can harbor unhealthy bacteria. Steel is more durable, 100% recyclable.



INSTEAD OF PLASTIC COMPOSTERS

WHY - Plastic may leach toxins into your compost¹. Steel is more durable, does not absorb odors and is 100% recyclable.

WALKING *the* SUSTAINABILITY TALK

Behrens Manufacturing policies reduce energy consumption, lower carbon dioxide emissions



Partner and Participant with Global NonProfit **METAL RECYCLES FOREVER**

100% SUSTAINABLE STEEL SOURCING



Behrens sources the best steel from both Domestic and Global Resources

BEHRENS METALWARE CLASSICS™ PRODUCTS

0%
PROP 65



100% of Behrens Manufacturing scrap is returned to be recycled and converted into new steel products.



84,000 square foot Winona factory with low VOC paint & LED lighting

¹ <https://www.goldbio.com/blog/post?slug=The-Unseen-Side-of-Plastic%3AMicroplastics-in-Compost-and-Aquatic-Systems>
Images by artists from Noun Project: Vectors Market (bulb); Laymik (roller); Koson Rattanaphan (recycle)



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