



THE WORLD OF SICON
DEDICATED TO PERFORMANCE

SICON

SICON is a medium-sized machine and plant manufacturer with an international orientation and focus on the development and implementation of customer-specific solutions for ferrous and non-ferrous metal processing in the scrap and steel industry.

Founded in 1998 as a engineering and consulting office, SICON today offers the complete range of scrap and metal processing as a manufacturer and supplier, ranging from shredding to the separation of all materials according to type. Due to close customer contacts, the SICON team has continuously and consistently developed new and pioneering solutions for our industry.

Today, with the EcoShred® Series, the EcoScan® Online, the SICON LaserSort, the VW-SICON process and many other products, we are the innovation leader in our industry.


Heiner Guschall
CEO SICON


Sebastian Schülke
CEO SICON

2

Million tons

residual materials are processed annually with SICON systems. These primarily include the processing of metal and plastics, but also individual special solutions.

61

Sensorsorters

for special sorting solutions run in all time zones of the world which are permanently controlled by our technicians.

»Because every SICON customer pursues individual goals, every SICON system is therefore unique.«

Olaf Heider, Technical Director

1,800

People

work for the development and reliable support of SICON systems worldwide.

VISION

In a world with almost 8 billion people, recycling is one of the greatest global challenges of our time. We at SICON want to use our strength and resources to develop new recycling processes and put them into practice in order to achieve the goal of a “circular economy”.

In doing so, we focus on metals, the only recyclable material that can be recycled infinitely. The scrap and non-ferrous metal industry makes a considerable contribution to solving our global recycling challenge with plants and machinery from SICON.

Our systems are characterized by fast amortization times, low-wear operation and individual adaptation to the local requirements of our customers. The SICON team works everyday on recycling more metals today than yesterday.

300

Tons of scrap

per hour can be cleaned with the **HMS Cleaning** developed by SICON. This does not only lower the costs, but also lowers energy consumption and reduces emissions.

98

Percent

of an end-of-life vehicle can be recycled using the repeatedly award-winning VW-SICON process.

»Ecology and economy go hand in hand in the design of our plants.«

Christian Roth, Project Manager

30

Percent

more cost savings can be achieved with the EcoShred® Compact compared to other large shredders.

AWARDS

- 2020 Technology Innovator Awards**
Leading Innovators in Metal Recycling
- 2020 German Excellence Award - Products B2B**
for SICON EcoScan Online
- 2019 Energy Innovator Awards**
Best Metal Processing Manufacturer
- 2019 European Product Design Award**
for SICON LaserSort
- 2019 German Excellence Award - Products B2B**
for SICON EcoShred® Compact
- 2018 Seal of approval - Innovative through research**
- 2016 Entrepreneur Awards South Westphalia**
- 2016 Seal of approval - Innovative through research**
- 2015 European Business Awards**
Environmental & Corporate Sustainability
- 2014 Raw Material Efficiency Prize**
for VW-SICON-Process
- 2013 German Innovation Award**
- 2007 ÖkoGlobe - VW-SICON-Process**
- 2006 European Business Award for Environment**
for VW-SICON-Process
- 2006 BDI-Umweltpreis**
for VW-SICON-Process

1

Ton of

reconditioned steel scrap saves 1.5 tons of CO₂,
1.4 tons of iron ore, 740 kg of coal and 120 kg
of limestone.

5

Million tons

of residual materials were not disposed of in land-
fills, but could flow back into the circular economy
in cause of SICON systems.

»Our task to develop the most efficient solutions for
the recycling industry is a mission that never ends!«

Heiner Guschall, CEO SICON

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Countries

around the world host or have SICON machines and systems .
From Riga to Melbourne, we find the right solutions for the respective markets.



SCRAPPY

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