



SUTCO
RECYCLINGTECHNIK
LM GROUP



WE GET **THE BEST** OUT
WWW.SUTCO.COM

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WE GET THE BEST OUT

COMPREHENSIVE KNOWLEDGE AND INNOVATIVE TECHNOLOGIES FOR OUR ENVIRONMENT

SAVING RESOURCES AND ENSURING SUSTAINABILITY

The topics of saving resources and sustainability are now an indelible part of our every-day life. A development that once more emphasises the purposefulness and necessity of our work developing and manufacturing sorting and treatment facilities for the waste management industry.

INNOVATIVE WASTE RECYCLING CONCEPTS

Since 1985, Sutco RecyclingTechnik GmbH has taken on massive quantities of waste worldwide, sorted it and laid the basis for economical, ecologically sound recycling.

500+



500+ REFERENCE PLANTS WORLDWIDE

380+



MORE THAN 380 EMPLOYEES WORLDWIDE



INTERNATIONAL DISTRIBUTION PARTNERS



REPRESENTED INTERNATIONALLY



GLOBALLY SUCCESSFUL



INCREASE IN THE RECYCLING RATE



INTERNATIONALLY REPRESENTED ACTIVE WORLDWIDE

TOGETHER FOR AN EFFICIENT CIRCULAR ECONOMY

As one of the largest and most successful manufacturers of sorting and treatment plants worldwide, Sutco RecyclingTechnik GmbH ensures provision of an essential factor contributing towards the urgently required increase in the recycling rate.

Together with 7 Sutco-subsiidiaries and international sales partners and with more than 500 reference plants worldwide, Sutco is engaged in the fields of environmental protection and recycling.

Sutco® RecyclingTechnik GmbH Germany

- Bergisch Gladbach site
- Haren site
- Meppen site
- Ludwigsburg site

Sutco® Polska

Sutco® UK

Sutco® Iberica

Sutco Brasil

Sutco Singapore

Sutco® Sweden

Sutco® Romania

OUR PRODUCTION SITES

MECHANICAL ENGINEERING, MADE BY SUTCO

MANUFACTURE Katowice, Poland

MANUFACTURE Haren (Emsland), Germany

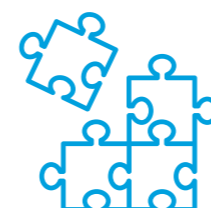
EVERYTHING FROM ONE COMPANY AND READY TO GO



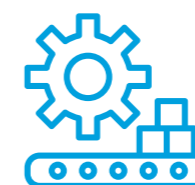
PLANNING



CONSTRUCTION



MANUFACTURE



ASSEMBLY



COMMISSIONING



HANDOVER & TRAINING



OUR GOAL: ECONOMICAL AND SUSTAINABLE RECYCLING

INNOVATIVE SORTING AND TREATMENT PLANTS ENSURE HIGH QUALITY OF PRODUCTS

Technical processes depend on the input and output qualities.

Successful solutions are implemented together with our experienced engineers, technicians, manufacture, assembly and commissioning specialists, taking consideration for technical and economic factors.

SUTCO PRODUCTS MECHANICAL TREATMENT

TURNKEY SORTING AND TREATMENT PLANTS

- ▶ Household waste / Mechanical biological treatment (MBT)
- ▶ Packaging waste
- ▶ Plastics / films
- ▶ Commingled waste
- ▶ Commercial and industrial waste
- ▶ Waste paper and cardboard
- ▶ Waste wood
- ▶ Mixed building debris
- ▶ Slag and bottom ashes from incinerators
- ▶ Pre-sorting before incinerators
- ▶ RDF/SRF

In the sorting process, we make use of the newest mechanical and physical processing options for the optimal treatment and extraction of secondary raw materials.



AUTOMATED BUNKER MANAGEMENT AND THE DIGITAL OPERATIONAL PROGRAM ProDIGIT

MODERN PLANTS COMBINED WITH DIGITAL SOLUTIONS FOR MARKETABLE PRODUCTS

BUNKER MANAGEMENT

Automated and digitalised bunker emptying for the production of optimised bales. Designed with minimal energy input, with consideration for the different filling speeds of bunkers.

OPTIMISED THROUGHPUT

... the waste sorting facility that maintains required product qualities such as the level of purity. Intelligent measurement technology allows smart control of all stages up to the complex overall process.

COMPLETE WEEKLY, DAILY OR HOURLY WEIGHT READINGS

Quantity adjustments adapted to the materials and composition allow continuous recording and online readout of the input and output quantities. Output data divided into material types, residues and similar, can be viewed at any kind.

AUTOMATED BALE LABELLING

After the pressing process, the bale label is printed on a PET band that is firmly attached to the bale. Labelling is automatic for each individual bale after it has been weighed. Barcodes and QR codes can be read out by scanner.

BIOLOGICAL TREATMENT AND FERMENTATION

BIOLOGICAL TREATMENT IS DECISIVELY IMPORTANT FOR CLIMATE PROTECTION

The biological treatment of organic waste is in many regards an environmentally friendly process, also laying the basis for a sustainable circular economy.

On the one hand, it produces high-quality compost that provides nutrients and replacement fuels to boost energy supplies.

On the other, our process prevents untreated organic waste leading to uncontrolled greenhouse gas emissions.

SUTCO OFFERS A SOLUTION FOR EVERY PROBLEM WITH ITS BIOLOGICAL PROCESSES.

WENDELIN

Windrow composting system

BIODEGMA®

Membrane technology

MBT

Mechanical biological treatment

BIOFIX

Line composting system

TUNNEL COMPOSTING

BIOPV

Organic waste press water digestion



Wendelin - Windrow composting system



BIODEGMA® - Membrane technology



Tunnel composting system



BioFIX - Line composting system



BioPV - Organic waste press water digestion



SUTCO® COMPONENTS MADE IN-HOUSE

OUR COMPONENTS INCREASE THE PERFORMANCE
OF EVERY PLANT

On average, 70% of the products in a Sutco plant are made in-house, 30% come from outside.

Sutco components stand for quality.

Innovative and made to the latest technical standards, easy to maintain and stable.



- ▲ Bag opener
- ▲ Ballistic Separator
- ▲ Box feeder
- ▲ Bridge-type turning device WENDELIN
- ▲ Bunker Management
- ▲ Chain belt conveyor
- ▲ Channel baling press (sister company unoTech)
- ▲ Compacting unit
- ▲ Conveying technology
- ▲ Digital units
- ▲ Disc screen
- ▲ Dosing Feeder
- ▲ Drop shaft shifter
- ▲ Hard material separator
- ▲ Line composting system BIOFIX
- ▲ Portable compactors (sister company L&M)
- ▲ Pressing container
- ▲ Special construction
- ▲ Steel construction
- ▲ Steel plate conveyor
- ▲ Transfer station (sister company L&M)
- ▲ Trommel screen
- ▲ Trough chain conveyor
- ▲ Walking floor systems
- ▲ Wind shifter
- ▲ Wind shifter (3-way)
- ▲ Zick-Zack shifter



ECONOMY AND ECOLOGY

EFFECTIVE, ENVIRONMENTALLY-FRIENDLY
RECYCLING – A DOUBLE PROFIT FOR YOUR COMPANY



Our highest goal is to achieve economic and technical solutions for a better environment. For the benefit of operators and the environment.

ECONOMY AND ECOLOGY IN A PARTNERSHIP
THAT PAYS OFF.



LM GROUP

FOUR COMPANIES |||| ONE STRONG PARTNER

SUTCO® - PART OF AN INTERNATIONALLY ACTIVE GROUP

With intelligent, sophisticated waste treatment concepts - beginning with the collection of waste, running through sorting and treatment to the baling of various materials - the LM GROUP makes a significant contribution to saving resources.



SPECIALISTS FOR COLLECTING, SORTING AND BALING OF WASTE AND AUTOMATION SOLUTIONS

680+



MORE THAN 680 EMPLOYEES WORLDWIDE

4



4 COMPANIES IN THE RECYCLING INDUSTRY

19



19 INTERNATIONAL LOCATIONS



BUSINESS DIVISIONS LM GROUP

OUR VALUES FOR GOOD COLLABORATION

WE MAINTAIN A CORPORATE CULTURE MARKED BY THE TRUSTING AND RESPECTFUL INTERACTION OF CUSTOMERS, EMPLOYEES AND BUSINESS PARTNERS

EQUAL RIGHTS AND EQUAL TREATMENT

We support diversity and individuality and value the heterogeneity of the workplace and professional life arising from differences in e.g. sex, skin colour, religion, ethnic background, age, nationality, marital status, sexual orientation, disability or social origin.

ALL ARE DIFFERENT AND ALL ARE EQUAL

We understand us and our success as a shared project in which every employee participates in equal measure. Here, we orient our actions and interactions by social principles and values. Diversity and a tolerant, integrated working environment are the foundations, for us, of progress and innovation.

WE ARE SUTCO

Highly qualified employees and ultra-modern production plants guarantee a wide range of differentiated treatment solutions.



L&M Entsorgungs-Systeme GmbH
COMPACTING SYSTEMS



Sutco® RecyclingTechnik GmbH
SORTING AND TREATMENT SYSTEMS



unoTech® GmbH
CHANNEL BALING PRESSES



TIG Automation GmbH
AUTOMATION TECHNOLOGY

OUR LOCATIONS WE GET THE BEST OUT

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