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BLUELINE[®]



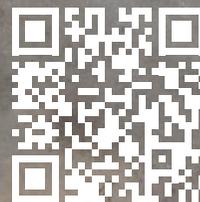
**MODULAR
SORTING
SOLUTIONS**

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More Information
on **BLUENE**:





First-class modular recycling solutions for efficient and flexible sorting – perfectly tailored to your individual requirements.

5 REASONS TO CHOOSE BLUELINE:

▶ Innovative technology

BLUELINE is leading in technological development, and offers advanced solutions for **efficient recycling processes**.

▶ Versatile application possibilities

BLUELINE offers an **extensive product range**, which can be used for almost all types of material stream.

▶ Premium-quality materials

BLUELINE uses only the best materials to provide exceptional **longevity and reliability** of the machines.

▶ Customized solutions

BLUELINE is tailored precisely to the **needs of your business**. We understand that every company is unique, and so are our solutions!

▶ Low-maintenance design

BLUELINE modules require **little maintenance**, which reduces operating costs and downtimes to an absolute minimum.

THE SUCCESS STORY OF BLUELINE

The Austrian company **LINETECHNOLOGY** is a **young, modern company** that, despite being dynamic and fresh, is strongly rooted in years of **processing technology know-how.**

Therefore, when developing BLUELINE, we benefited from an ideal combination – on one hand, the knowlegde of experienced employees and on the other, the technological advances from the digital world.



**THE RESULT IS A UNIQUE
PROCESSING PLANT!**





**OUR BLUELINE CLAIM:
RECYCLING
MUST
BE
PROFITABLE.**



IS YOUR COMPANY ALSO STRUGGLING WITH THESE CHALLENGES?

Constantly **CHANGING** material flows and batch quantities?

Constantly **INCREASING** demands?

High **PERSONNEL** costs and staff shortages?

These factors make it difficult to ensure the economic recycling of waste materials. We searched for answers – and found them: **Flexibility is the top priority, and BLUELINE the solution!**

Flexible & smart recycling processes are the prerequisite for a functioning and economically viable circular economy.

BLUELINE SOLVES THESE CHALLENGES & LEADS THE RECYCLING INDUSTRY INTO A NEW ERA THROUGH STATE-OF-THE-ART TECHNOLOGY.

WHAT IS BLUELINE?

**Everything from a single source –
and everything in coordination**

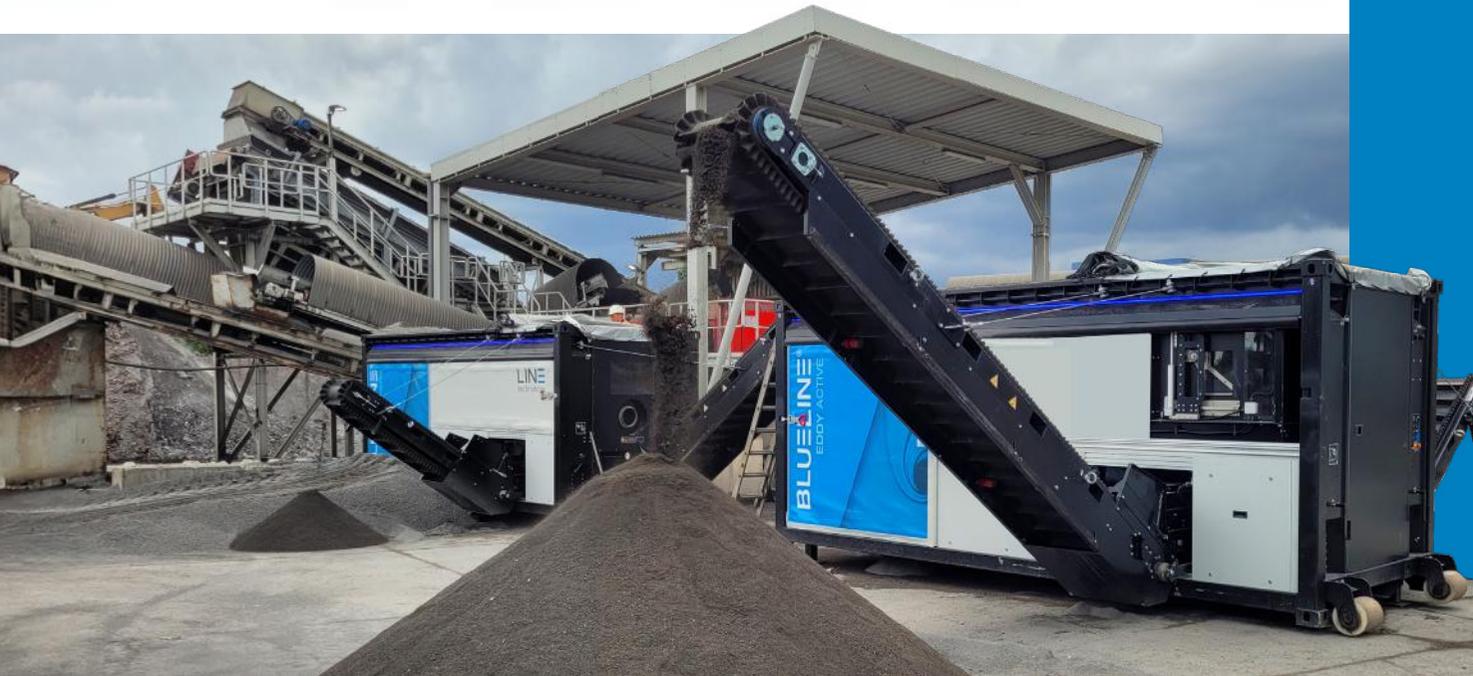
BLUELINE is a dynamically reconfigurable **processing system with a modular design**, and the all-in-one solution for industrial waste materials. The arrangement of the modules is individually adjustable to the respective processing procedure. Our comprehensive product range covers nearly all established processing steps for the dry mechanical and physical processing of recycling material.

Intelligent. Simple. Cost-efficient.

The digital control system **BLUECTRL** enables flexible processing via a tablet, with little personnel and time expenditure. The mobile system can be used **across locations**, which makes it even more cost-efficient. In addition to the intelligent control system, BLUELINE also provides the entire conveying and dosing technology.

KEY BENEFITS OF INVESTMENT

- ▶ Amortization within three years
- ▶ Safe investment
- ▶ Commissioning from just 10 weeks
- ▶ CE certification included



ALL ADVANTAGES AT A GLANCE



BLUECTRL

THE MOST INNOVATIVE DIGITAL CONTROL SYSTEM – INDUSTRY 4.0

No more error-prone set-up changes – generate more added value

The decentralized, IT-based control system **BLUECTRL** is operated wirelessly using a rugged tablet. Established machine parameters for a process can be called up at any time and are **configured fully automatically** by the system - based on which material flow is currently being processed.

Time-consuming and personnel-intensive processes can be solved quickly and easily - in just a few clicks

Smart technology supports the user to easily commission, optimize, change, (re)configure and monitor the system depending on the users requirements, which in turn optimizes its availability.



ALL ADVANTAGES AT A GLANCE



RENT BLUELINE

ANY TIME YOU WANT!

- ▶ Do you want to **check or validate** processing procedures?
- ▶ You have to reprocess **faulty batches** or cater to **short-term peaks**?
- ▶ Your system is broken, and you need a quick **replacement** to prevent downtime?
- ▶ Or you simply want to test BLUELINE and convince yourself of its efficiency?



IT'S EASY AND UNCOMPLICATED TO RENT THE BLUELINE!

Immediate delivery due to the **mobile, container-based** design.

BENEFIT FROM
OUR **UNBEATABLE**
RENTAL PRICES!



HOW DOES THE RENTAL PROCESS WORK?

- Simply unbeatable:
- ▶ Rentable from a period of **one week!**
 - ▶ Only one **power connection** required!



TASK CLARIFICATION

1.



CUSTOM RENTAL OFFER

2.



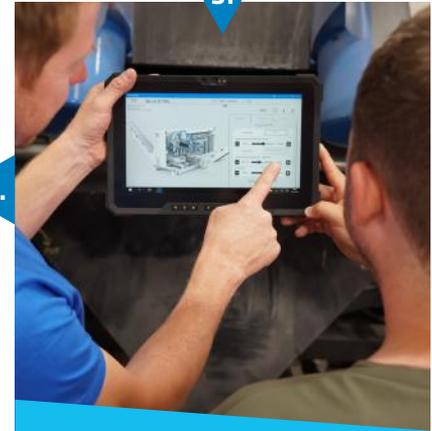
DELIVERY

3.



SIMPLE START

4.



TRAINING & COMMISSIONING



APPLICATIONS

C&D waste



Non-ferrous metals



Waste wood



Shredder fractions



RDF



Glass





Slags &
ashes



Metal
shavings



Aluminum



WEEE scrap



Plastics



Shear scrap /
rubbish

USING BLUELINE, A LARGE VARIETY OF MATERIAL CAN BE PROCESSED ECONOMICALLY, EVEN IN LOW VOLUMES.

CONSULTING AND COMMISSIONING

THE RIGHT BLUELINE SOLUTION FOR EVERY APPLICATION

We turn BLUELINE into YOUR BLUELINE!

No matter what material and what task – together we'll find the **right solution**. Our specialists are happy to assist you. Personal consultation and support are our top priority at **BLUELINE**.



HOW TO OBTAIN YOUR BLUELINE?

1

Clarification of your requirements

2

Collaborative material testing

3

Test protocol/ documentation

4

Submission of offer

5

Manufacture & delivery

6

PLUG & PLAY commissioning

INNOVATION & TEST CENTER

FULL TRANSPARENCY AND INVESTMENT SECURITY

The key advantage of **BLUELINE** is that we only carry out the tests on the real, full-size machines. This means that our results verify proper function of the actual industrial machine, which eliminates any source of error! Other manufacturers build their machines on a small scale, test them in the technical center and then apply these results to the real dimensions of the system. The end pro-

duct is therefore never processed under real conditions, and unpleasant surprises cannot be ruled out.

As an innovative product, **BLUELINE** is of course also ready for new challenges: in the Innovation & Test Center, we are constantly developing our systems to be able to generate even more added value from your products.

We have no secrets!

We are happy to invite our customers to trials and test runs. Bring your own test material, and you will receive a test report on the output featuring mass distributions, throughput, process diagram and photo documentation. We are then happy to generate an individual offer for your processing solution. In this way you can obtain a clear overview of the facts and figures regarding added value and amortization prior to purchase.



WOULD YOU LIKE TO TEST BLUELINE AT YOUR LOCATION?

This is also no problem with our **rental machines!**



DOSING

HOPPER SYSTEMS

- ▶ Ensure a **continuous supply of input materials** for subsequent processes
- ▶ **Efficient handling, storage and dosing** of a wide variety of input materials
- ▶ Thanks to our unique control via tablet, parameters such as speed and slide openings can be adjusted smoothly at any time

The modules of the product group **HOPPER SYSTEMS** are the perfect solution for every material thanks to their customizable and easily adjustable dosing parameters.



SCREENS

SCREENING MACHINES

- ▶ Materials are classified according to their **particle size**
- ▶ **Control sieving, fractioning or dedusting** of products
- ▶ **Top separation performance** even for the finest particles, as well as with moist materials or those which are hard to screen

The modules of the product group **SCREEN** include flip-flop screens, 3D screens, finger screens, wire mesh screens and combinations of these.



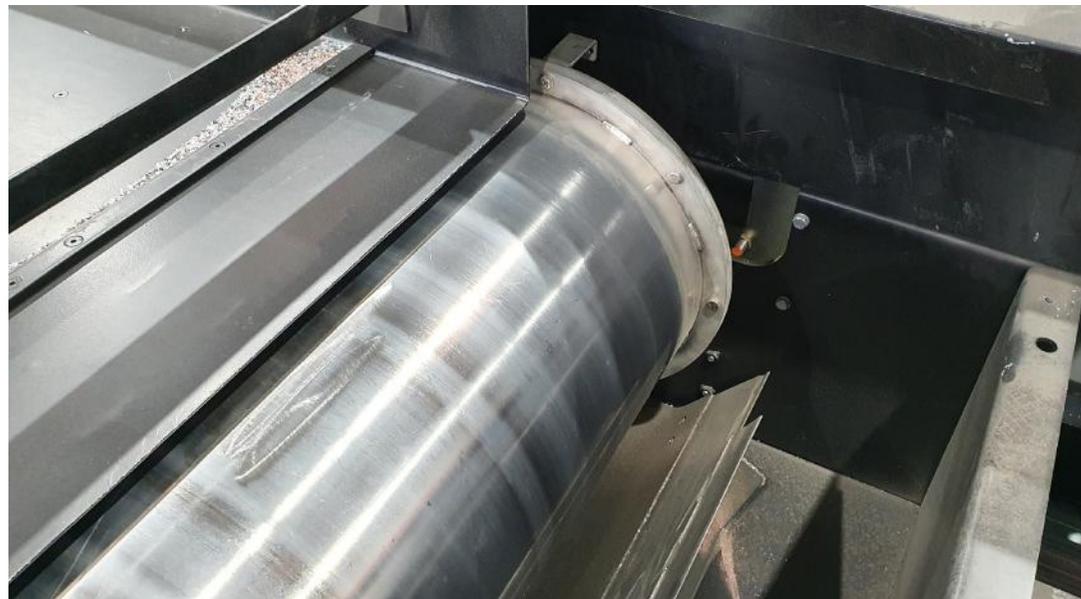
MAGNETIC SEPARATION



MAGNETIC SEPARATORS

- ▶ **Perfect separation** of magnetic from non-magnetic materials
- ▶ **Magnetic flux density** is adjusted to the customer's requirements
(Durable and low-maintenance due to the highest quality materials - meaning maximum efficiency for your company!)
- ▶ Depending on the task, iron and steel as well as stainless steel and even brass can be separated efficiently and precisely

The modules of the product group **MAGNETIC SEPARATION** can be equipped with the appropriate magnetic system for your material, depending on your requirements and sorting tasks.





EDDY CURRENT SEPARATION

EDDY CURRENT SEPARATORS

- ▶ Sorting of electrically conductive particles (metals) in the **fine to coarse grain range**
- ▶ **Different variants of the magnet system** (eccentric, centric, static) for maximum added value
- ▶ Positions of the splitting edges and the positions of magnet systems can be easily adjusted to changing material streams **via tablet**
- ▶ **Manual adjustment is no longer necessary** - this reduces set-up times, prevents human operation errors and increases the efficiency of your processes

The modules of the product group **EDDY CURRENT SEPARATOR** are characterized by maximum quality, reliability and first-class output quality rates.

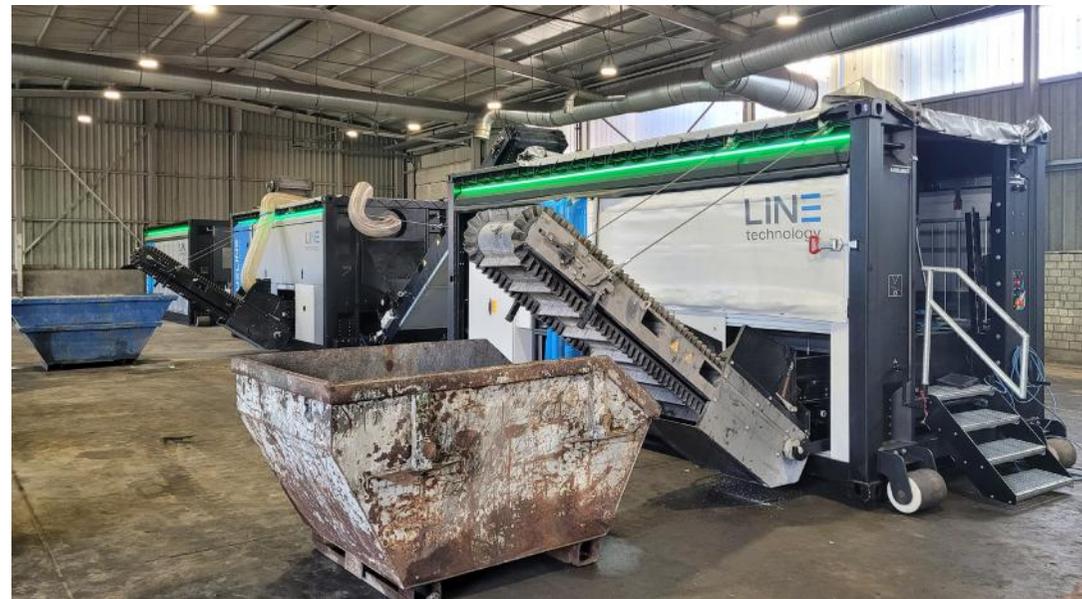


DENSITY & SHAPE SORTING

DENSITY & SHAPE SORTERS

- ▶ Efficient separation of materials with different **densities and shapes**
- ▶ Process parameters such as inclination angle, air flow and conveying speed can be specifically adapted to the input material in order to ensure the **highest selectivity**
- ▶ Constant operating conditions as well as simple cleaning and maintenance possibilities enable **maximum system availability**

The modules of the product group **DENSITY AND FORM SORTER** consist of sink-float sorters, air jigs (air separation tables), and destoners.





SENSOR-BASED SORTING

SENSOR SORTERS

- ▶ Precise detection and evaluation of particle properties using a wide variety of **different sensor types**
- ▶ Suitable for a **wide range of grain sizes** as well as **input materials**
- ▶ Separation based on **colour, shape, inductance, density** or properties such as **reflection** or **transmission** of light

The modules of the product group **SENSOR-BASED SORTER** combine a wide variety of sensor technologies to produce high-purity concentrates. They are used when conventional separation techniques are not effective enough.





ACCESSORIES

ACCESSORIES

As an ideal supplement to our wide product range, we have developed a big range of different **ACCESSORIES** which not only facilitate the operation of the system, but also ensure optimum results and act as the connecting element between the plant and their main component, the human being.

- ▶ **CONVEYORS:** Our different types of belt conveyors offer smooth and efficient transport of your materials within BLUELINE
- ▶ **EXTRACTIONS:** Mobile extraction containers for the reduction of dust emissions or for the removal of contaminants such as foil and lint
- ▶ **MOVER:** Container mover for maneuvering your BLUELINE modules and for transporting material containers



CUSTOMER TESTIMONIALS

THE BEST ARGUMENTS FOR A PRODUCT ARE
SUCCESSFUL PROJECTS AND SATISFIED CUSTOMERS!



LINETECHNOLOGY is an upcoming company with new approaches without any thought restrictions. BLUELINE offers an innovative and flexible solution that can be implemented quickly and at short notice!

**DANIEL FORSTNER - INNOVATION MANAGER,
MÜLLERGUTTENBRUNN GROUP (MGG)**



For a medium-sized company like us, BLUELINE is the perfect solution, as it completely meets our specific requirements thanks to its flexibility, immediate readiness for use, state-of-the-art technology and attractive design – simply recommendable.

**MARTIN SCHUSTER - CEO,
JOSEF SCHUSTER GMBH**



We were looking for a semi-mobile machine to be able to process various materials at different locations. BLUELINE was just right for us! The modular structure, the easy handling and the intelligent control have convinced us.

**CLAUS EGGER - CEO,
J. SCHAUMAIER NACHF. GMBH**



BLUELINE's mobile and location-independent processing modules offer an innovative solution for various recycling challenges, such as processing of ash. A great customer service experience as well as the carefully implemented material test trials really convinced us. Our expectations were fully met after the completion of our project – an easy and uncomplicated finish.

**GERD MÜHLHAUSE - HEAD OF CENTRAL SALES/REPRESENTATIVE,
REMEX GMBH**

REFERENCES



SERVICE

WE ARE YOUR LONG-TERM PARTNER

We solve your questions regarding **commissioning, maintenance and repair** quickly & competently and offer support via telephone and remote servicing.



USING OUR ULTRA-MODERN SYSTEM CONTROL, WE ARE ABLE TO REMEDY MORE THAN 95 % OF ISSUES OCCURRING VIA REMOTE MAINTENANCE.

This saves time, and above all, money. If major problems arise, we will of course resolve these on-site. If necessary, we also offer rental machines in replacement as a special service to avoid downtimes.





LUKAS SEISENBACHER

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HAS BLUELINE PIQUED YOUR INTEREST?

Do you still have questions on how BLUELINE can improve your recycling processes and generate more added value? Do you want to test your material on BLUELINE, or do you need a rental machine?

We look forward to your inquiries!



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BLU_≡LINE_≡®

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THE RECYCLING CHANGER

GAME CHANGER



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