



since 1932



M-U-T PLANT ENGINEERING ENVIRONMENTAL TECHNOLOGIES

FAST. EXACT. PROFITABLE.

Ideal for fully automatic waste treatment.

M-U-T is specialized in the **industrial mechanical-biological waste treatment and sorting**.

90 years of experience combined with **numerous successfully implemented projects** result in an expertise that is demonstrated and passed on with every new plant - from **customer-specific development** and **customized process** of material handling to the **installation, commissioning** and **after-sales service** of the system.

From the **stand-alone power unit** to **modular** and **turnkey plants**.

SCALABLE

The **M-U-T treatment and sorting technology** of the **latest generation**, individually adjusted to the project, guarantees highest precision even for complex requirements.

- efficiency from 50,000 to 1 mill. tons per year
- components of manually operated to fully automatic sorting
- possible to combine different systems into one unit
- adapted to customer requirements

COMBINABLE

The **M-U-T-know-how** combined with the **most modern construction** and **production technology** guarantee optimal planning, construction and coordination of all modular plant components:

- conveyor systems
- conveyor belts
- screw conveyors
- pneumatic conveyor systems
- shredder
- ballistic separator
- compactor
- composting technology
- metal separator
- infrared- separation technology

SMART

- **pre-delivery inspection** incl. **safety-specific functions**
- **simple adjustment** of the user's interface
- **pre-developed software-components** and **modules** for rapid integration into the system
- **„No-Code“ control development**
- **graphical editing** and **animation** of the machines/modules **in the user interface** with **integrated plant-status**, for component identification in real time
- **plant simulation** for pre-commissioning as well as test possibility
- **training possibilities** for employees prior to commissioning
- **maximum performance** of the **control process** by **flexible adjustment** of the programme
- **predictive analysis** and **anomaly detection**
- permanent and complete **data recording** of all plant states
- **AI-supported** and **cloud-based** control solutions (optional)
- smart financing options (optional)

FLEXIBLE

- M-U-T crushing, sorting and conveyor technology of the latest generation
- shortest sensor response time
- combined sensor systems for optimized flow of material for the adjustment of handling parameters
- consideration of process and material-technical parameters
- individual handling of dropping and flowing characteristics of waste
- precise coordination of the process components
- cost- and benefit- effective solution: permanent optimization of the system in planning and implementation
- Industry X.0-capable
- M-U-T-know-how realizes special features of different types of waste

M-U-T EXPERIENCES FOR 90 YEARS

Thoughtful M-U-T design

M-U-T-know-how combined with state-of-the-art technologies, for design and production, guarantee an ideal planning and implementation of the plant.

Additionally, the innovative M-U-T crushing, sorting and conveyor technology of the latest generation fulfills highest degree of precision, flexibility and reliability.

Economic efficiency and high availability

Low maintenance design and durable components: Low wear and high economic efficiency by a careful selection of components adapted to the requirements. The optional component monitoring informs about the state of plant components in real time.

Regular M-U-T service inspections identify the needs of the plant: targeted and rapid response for maximum process reliability.

Convenience

Simple handling via adaptable M-U-T control and system technology.
Industry X.0-capable - for a perfect digital integration into the existing IT-infrastructure.

Process reliability

M-U-T sees itself as a long-term and reliable partner. Starting with the analysis of requirements, planning, construction, commissioning and up to the support during the lifetime of the plant, the close cooperation with M-U-T persists at all times.

M-U-T acting as a general contractor, makes a difference in the significant reduction of the touchpoints to subcontractors and suppliers - this guarantees perfect frame conditions for the required claims and tasks.



M-U-T
Maschinen-Umwelttechnik-Transportanlagen GmbH
A-2000 Stockerau • Schießstattgasse 49
☎ +43 2266 603 ✉ office@m-u-t.at
www.m-u-t.at