



since 1932



THE M-U-T SEWAGE TECHNOLOGY

ACURATE. SUSTAINABLE. SAFE.

Ideal for clean water.

M-U-T is specialized in **sewage treatment** and **sewage purification**.

90 years of experience combined with numerous successfully implemented projects result in an **expertise in sewage technologies** that is demonstrated and passed on with every new plant.

The use of **established** and **tested procedures** combined with **state-of-the-art developments** make M-U-T sewage purification systems, in three basic sizes, to the **best and most economical worldwide**.

REGULAR: M-U-T SEWAPLANT®

The **M-U-T SEWAPLANT®** is the „classical“ **M-U-T purification system**. In combination with state-of-the-art mechanical, physical, biological and chemical processes, it guarantees an ideal processing outcome of the given sewage (from about 10,000+ EGW*):

- procedure of activated sludge
- SEWA SDP Process
- SBR (Sequence Batch Reactor)
- MESH (dynamic filtration)
- MBR (Membrane Bio-Reactor)
- filtration
- disinfection



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)

SCALABLE: M-U-T SEWACOMP®

The **M-U-T SEWACOMP®** is a **2-stage compact sewage treatment plant** made out of reinforced concrete, developed for the sewage treatment demand of medium size applications (approx. 1,000-10,000 EGW*):

- especially suitable for smaller municipalities and dispersed settlements, or industrial establishments
- small tank capacity - reduction of about 50%
- maximum process flexibility against heavy loads, due to degradation adaptation in individual stages
- efficiency of degradation up to 95% as BSB, CSB
- complete nitrification, even in winter
- integrated denitrification (optional)
- biological elimination of nutrient substances
- control of the process by remote monitoring
- **low operating costs**



FLEXIBLE: M-U-T SEWACONT®

The **M-U-T SEWACONT®** is a **2-stage, compact sewage treatment plant**, portable if required, **in container design**, developed for the need of sewage purification from small range of sewage discharge (up to about 1,000 EGW*):

- Especially suitable for dispersed settlements, holiday villages and camping sites, construction sites as well as for industrial establishments
- if required, ready for use within a day
- maximum process flexibility against heavy loads, by adjustment of degradation in individual stages
- efficiency of degradation up to 95% as BSB, CSB
- complete nitrification, even in winter
- integrated denitrification (optional)
- biological elimination of nutrient substances
- control of the process by remote monitoring
- **low operating costs**
- **leasable**



M-U-T ERFAHRUNG SEIT 90 JAHREN

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 sewage 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