

Manufacturing at the highest level

Recycling machines made by ANDRITZ

The first series of machines with the new design was completed recently at the headquarters in Graz, Austria. ANDRITZ MeWa customers can now profit immediately from high capacities, first-class production processes, and a convincingly high quality in the machines produced.



▲ Aerial photographs of the ANDRITZ headquarters and manufacturing facilities in Graz.

At the moment, the first ANDRITZ MeWa recycling machines are being fully re-engineered and many aspects are being further improved. As the first machine type in this process, the granulator series was recently completed at the ANDRITZ headquarters in Graz, Austria. The assembly shops at the manufacturing facility cover a total area of around 9000 square meters and house an impressive array of ultra-modern machining equipment. The manufacturing location in Graz takes on orders from all ANDRITZ business areas around the world. Many specialists in product design, supervision of prototype building, and specialized services in operative business are responsible for successful completion of these orders. The manufacturing shops at the Graz location have a

total capacity of 400,000 to 650,000 working hours per annum. This ensures short project execution times worldwide and high on-time performance.

Quality as success factor

Modern measuring technology combined with comprehensive materials testing secures the high quality of all of the products



▲ Assembly shop in Graz

▼ Steel fabrication shop



manufactured. This is an essential element in meeting the high standards requested by our customers.

The manufacturing processes continue to develop just as the production results do. There are also specialists here working continuously on further development of the processes, and the individual products profit ultimately from this because certain features are improved and a higher quality is achieved overall.

In order to be able to process all purchase orders worldwide quickly and easily, ANDRITZ MeWa does not depend solely on the manufacturing facility in Graz. In fact, the company can access numerous production locations in the various destination countries, for example in Humenné, Czech Republic, or Foshan, China. Each of these locations has the latest high-tech equipment and participates in the international transfer of know-how. This leads to the comfortable situation of being able to manufacture goods anywhere with the same high quality level.

Over 30 years' experience in recycling

Each ANDRITZ MeWa product contains a great deal of specialist know-how, based on experience from over 30 years of development work in the recycling sector. A

▼ The individual granulator components are assembled



team of experienced international experts checks all of the recycling solutions on a continuous basis, with the long-term goal of standardizing new and further developments in order to make the products more attractive and increase their benefits to the customer.

The flexible UG granulator series, comprising the UG 600, UG 1000, UG 1600, and UG 2000 sizes, is one of the most important and most successful machine series in ANDRITZ MeWa's recycling portfolio. Product development work thus concentrated first of all on this machine type. Granulators process household/industrial waste, electrical scrap, cables, aluminum, tires or plastic, for example, and provide correctly sorted results.

The first step was rebranding. Instead of the grass-green MeWa machines, the new ANDRITZ MeWa units are now appearing in bright blue. Of course, any color is possible if the customer has a preference. The machine's mode of operation has also been improved considerably compared to the predecessor model now that all machine sizes are being fitted with a pendulum pusher as standard. This feeds the material to the cutter much more efficiently, and there is less risk of disruptions, thus providing even more uniform and higher throughput. At the same time, there is less strain on the cutter and the blades, which results in less wear. In the past few years, pendulum pushers were already fitted in some machines in sizes 1600 and 2000. The results obtained in operation were

▼ The new pendulum pusher



highly satisfactory so now this technology is fitted as standard in all machine sizes. As a next step, the product development specialists defined different technical fea-

tures for specific applications and for each machine size. The machine thus has the optimum configuration for the task, regardless of whether the customer wants to process scrap, rejects, or plastic.

The newly designed granulator arrives

When the new granulator with blue paintwork arrived at the ANDRITZ MeWa company headquarters in Gechingen, Germany, all of the employees were very pleased with it and the entire workforce turned out to take a closer look. Managing Director Mathias Flandorfer underlined the importance of the first new granulators in the new ANDRITZ look, confirming that

ANDRITZ MeWa now felt even stronger as part of the large Group and that it was not just the color, but primarily the many improvements in the new series that would send out a clear signal on the market.

All other proven ANDRITZ MeWa machines for pre- and post-shredding, such as the UNI-CUT QZ, rotary shear, and cutting mill, are in the middle of the revision process and waiting in the wings with numerous improvements.

The new UG 1600 S and the ANDRITZ MeWa team ►



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