

CASE STORY

DeLaRue plc., Żejtun (Malta)

Modular shredding stages save energy

DeLaRue plc. is expanding its production capacities at the Żejtun site in Malta. Hunkeler Systeme AG is supplying an intelligent and versatile shredding system for this purpose.

DeLaRue plc., a British company founded in 1821, produces banknotes, authentication marks, stamps for tax authorities, labels and identity cards (passports) at its Żejtun site on the island of Malta. About four years ago, Hunkeler Systeme AG supplied extraction systems for the disposal of edge strips on three new printing lines. At that time, the expansion of production capacity was the result of a significant increase in the volume of label production.

Security levels P3 and P5

Now another modernisation step follows in the banknote production. Hunkeler Systeme AG was again commissioned with the delivery and installation of modern disposal technology. It is a two-stage shredding system for the destruction of production residues at security levels P3 and P5. Unprinted material only passes through the shredder (level P3), while printed banknote waste is shredded in the granulator into small particles whose



DeLaRue plc. is a British company founded in 1821. Today it is one of the world's largest private manufacturers of banknotes.



The Maltese headquarters of DeLaRue plc. is located in the city of Żejtun.

size corresponds to security level P5. Thanks to this differentiation, the granulator is only active when required by the security requirements. This saves energy and enables cost-effective and economical production operation.

Immediately upstream of the granulator, a magnetic separator removes magnetic objects that could potentially be fed to the shredding system with the production waste. The magnetic separator effectively protects the granulator from mechanical damage.

Safety on four levels

Hunkeler Systeme AG provides shredding technology for document destruction at four security levels: P3, P4, P5 and P6. Which level to choose depends on how sensitive the data is and how much effort would be required to recover destroyed documents. Even at level P3, data can only be reproduced with considerable effort. For documents destroyed at level P6, reproduction is technically impossible. At the European central banks, shredding applies at security level P5.

