



The reliable brand!

Customer Success Story

CUSTOMER
**Kaczkan Premium
Wooden Floors**

MATERIAL
**Solid waste wood (oak)
from the production of
parquet flooring**

SHREDDER
LR1400

THROUGHPUT
**1 t/h with 15 mm
perforated screen**





CUSTOMER

Kaczkan is considered one of Poland's largest manufacturers of parquet flooring. The wood production plant of Kaczkan Zakład Produkcji Drzewnej in Małyty was founded in 1987. The company originally operated a production site in Kiełkuty, specialising in sawmill products. After a period of less than 10 years, the company added finished products to its range. In 2002, a second production site was opened in Klonowy Dwór, today home to a highly innovative factory for finished products. Due to the high demand for premium products, Kaczkan built a new sawmill in 2010. In 2012, the family-run business opened its high-tech factory that produces two-layer wooden flooring. This was another step forward for the brand and helped the business expand its product range. The yearly production volume of wooden flooring in Małyty is 1,300,000 m².

CHALLENGE

Most of the Kaczkan waste wood is solid wood from the production of parquet flooring, primarily hardwood (oak). The company was looking for a shredding solution to process waste wood for its pelletising plant and produce wood chips for the biomass boiler. A shredder for this purpose was already in operation at Kaczkan. The most important requirement for the new shredding solution was robustness and a high level of availability that would make two-shift operation possible. Furthermore, the machine would have to be able to shred thin parts reliably, which would require a segmented pusher and pusher floor.

SHREDDING SOLUTION

The company eventually opted for the high-performance LR1400 by UNTHA, with a power rating of 2x30 kW. The shredder was designed with a second row of blades and a 15mm perforated screen. The segmented pusher floor for the shredding of thin material was part of the customised design.

PURCHASING DECISION

The system was implemented by MM Maszyny, the UNTHA sales partner of many years' standing in Poland. Due to the high level of reliability and longevity of the existing machines, it was decided to invest in the high-performance LR1400 as part of a production capacity expansion. For the company, what tipped the balance in favour of UNTHA was its excellent reputation as a quality supplier. The decision makers at Kaczkan were particularly impressed with UNTHA's customised design solution with a segmented pusher floor that enables the shredding of very thin parts.