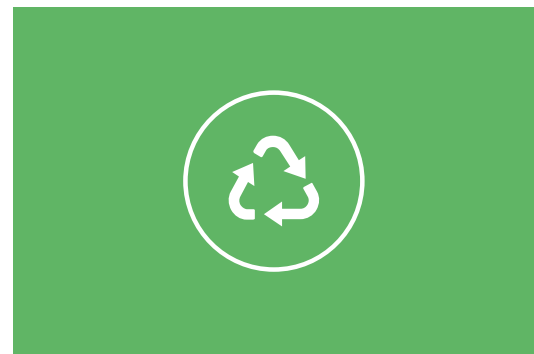


Industrial Circular Economy Solutions

# MATERIAL CRUSHING



# INDUSTRIAL CIRCULAR ECONOMY SOLUTIONS

**Complete technology solutions and engineering, automation, and production services as a single partner.**

Recycled cellulose fiber is an excellent material for thermal insulation and asphalt additives. It is an ecological and sustainable solution because it is made from recycled paper or cardboard. Makron offers you complete production technology to manufacture cellulose fiber insulation and additives from recycled raw material. We have developed these production lines in close collaboration with our long-term customers. The production lines run smoothly by Makron designed automation control system. Makron also works as a subcontracting partner of pulp technology providers and waste-to-energy industry. We offer our expertise in engineering, manufacturing, and automation as a single partner to complete your processes and technology.

---

## MATERIAL CRUSHING

The raw material is conveyed to the hammer mill or shredder where it is crushed into small pieces for refining. This stage includes a fiber surge bin for intermediate storage. From here the paper pieces are sorted for further processing.

### What Makron does

The Makron Hammer Mill is designed especially for crushing loose paper. Makron also delivers paper shredders for loose or baled paper material.

### Technical Data

Hammer Mill:

Power            45–75 kW

Shredder:

Power            90 kW

## Contact



**KARI KOSKI**  
*Sales Director, Automation*  
Headquarters

+358 40 716 5245  
[kari.koski@makron.com](mailto:kari.koski@makron.com)  
Languages: EN, FI