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## Recycling Services Provider Konepeikko Orders Scrap Cutting Machine to Enhance Scrapyard Efficiency

- **Primetals Technologies to supply torch-cutting solution for efficient scrap processing**
- **Core benefits include zero dust emissions and significantly reduced noise levels**
- **Enables cutting of bundles of rolled bars**

Finnish recycling services provider Konepeikko Oy has awarded Primetals Technologies the contract to supply a new torch-cutting machine for its facilities located at steel producer Ovako Imatra Oy Ab's premises in Imatra, Finland. This innovative and environmentally friendly solution is part of Primetals Technologies' latest developments in scrap cutting, and is significantly reducing noise emissions.

### Improved Process Efficiency

The scrap cutting machine ensures that Konepeikko Oy is well-positioned to meet the industry's current and future demand for scrap. According to the World Steel Association, the use of scrap in steelmaking is projected to reach 1,000 million tons annually within a few years. As a result, the need for effective scrap management systems is increasing, aligning with the transition to green steel production.

A highly efficient dedusting system ensures that dust emissions from the cutting process remain well below the limits set by environmental regulations. Additionally, the cutting machine is placed inside a moveable cabin, further reducing noise emissions. This new technology enables Konepeikko Oy to comply with stringent Finnish environmental regulations, which was one of the main influencing factors for its decision, along with improved process efficiency and occupational safety.

Operators control the machine at a safe distance from a desk outside the cutting cabin, supported by a video monitoring system. Predefined cutting programs based on recipes simplify operation and reduce processing times.

### Leading Expertise in Torch-Cutting

Konepeikko Oy's new machine will cut various types of scrap, including billets, blooms, and bundles of rolled bars. Furthermore, the system's ability to integrate iron powder into the cutting process allows for cutting of tundish skull, rolling mill rolls, and other hard, high alloy materials.

This advanced technology was developed by experts from former TCT Torch-Cutting Technologies, a Spanish company acquired by Primetals Technologies in August 2023. TCT is renowned for its torch-cutting expertise, offering a wide spectrum of innovative solutions for all kinds of cutting applications in steel plants, rolling mills, forging shops, foundries, and scrapyards.

Konepeikko Oy specializes in recycling, focusing on the acquisition and processing of steel scrap. The company processes more than 50,000 tons of recycled materials annually, and also manages construction waste from demolition sites.

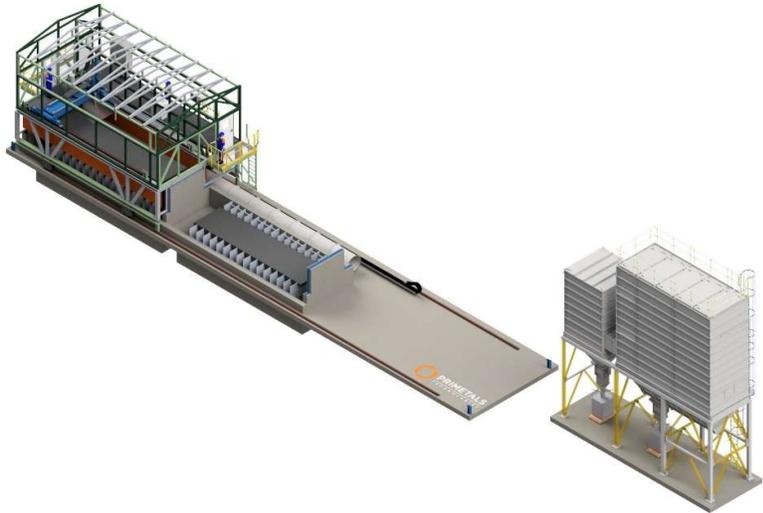
**Key facts: Konepeikko Oy’s Torch Cutting Facility**

**Capacity:** 50,000 tons per year

**Maximum Thickness:** 1,500 millimeters

**Noise outside cutting cabin:** Below 90 dB

**Placement:** Outdoor installation, designed for harsh conditions with low temperatures.



3D image of Konepeikko Oy’s scrap-cutting machine from Primetals Technologies. The design accommodates loading from both sides.



Representatives from Primetals Technologies and Konepeikko Oy at the kick-off meeting for the new scrap torch-cutting machine.

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