



CUSTOMER TESTIMONIALS

Mecalac

JOB REPORT

MPM ENVIRONMENT INTELLIGENCE VALUES MECALAC TELESCOPIC LOADER AS RELIABLE PARTNER

THE AT 900 CONVINCES WITH PERFORMANCE AND AGILITY PAIRED WITH OPTIMUM STABILITY

DATE

26 November 2014

PLACE

D-37534 Gittelde

MACHINE

AT 900 telescopic loader

USED ACCESSORIES

- bale grab
- pallet fork
- bulk good bucket
- box rotator
- rotary brush
- snow blade
- salt spreader

COMPANY

MPM Environment Intelligence KG, Gittelde

CONTACT PERSON

Martin Töpferwien



➔ With a load over height of 4.67 m, the AT 900 easily loads trucks with high sides

TV sets, PCs, DVD players, and mobile phones: Electronic devices have become indispensable tools for work and leisure. But sooner or later, every electronic device is outdated and scrapped. However, containing valuable metals and rare earths, the discarded devices are much too precious to be dumped on a landfill. MPM Environment Intelligence KG headquartered in Gittelde, district Osterode am Harz, ensures the civilisation's scrap is recycled to valuable raw materials. The company recycles printed circuit boards such as used for electronic circuits. Established in 1994 as a subdivision of a local PCB manufacturer, the company became independent ten years later. While the parent company had to close operations in 2009 because PCB production was much

cheaper in the Far East than in Germany, its former subsidiary is thriving and has 40 employees today.

There is a constant supply of electronic waste. MPM receives its "raw material" – PCB production waste and faulty batches – from all over Europe, shredders it and finally separates the recyclable fractions. Above all, the contained copper is to be reclaimed. MPM also recycles PCBs that had a past life: specialised dismantling companies strip, for example, old TV sets and PCs, remove hazardous substances and ship the PCBs to MPM.

The MPM premises are confined; the nested arrangement of buildings reflects the company's growth of the last 20 years. "We need

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The AT 900 convinces with performance and agility paired with optimum stability



→ Equipped with a box rotator, the AT 900 handles heavy boxes filled with raw material

small, agile and nevertheless powerful loader systems to receive trucks with raw goods, handle and finally load the separated raw material", says Production Supervisor Martin Töpperwien. For this reason, MPM introduced Mecalac technology supported by Kiesel GmbH

in the summer of 2014. Since then, two AT 900 telescopic loaders have been in service nearly permanently in 3-shift operation without being spared: "Around 80 percent of the handling tasks demand maximum performance of the loaders", says Töpperwien.

The loaders receive the material dumped by the trucks – around 80 percent reaches the premises as bulk material – and push it into the storage bins, they handle material on the company's premises, for example by loading it into shredders and separators, and finally they load trucks with the reclaimed raw material in big-bags or on pallets. One of the two ATs is mainly operated by Udo Naumann: "The goods we handle are often very heavy – filled copper boxes can weigh 1.1 tons. This is why stability is important – no big deal for the AT 900." A load over height was vital when loading trucks. With its panorama cabin, a maximum load over height of 4.67 metres, the telescopic arm featuring Z^{PLUS} kinematics and a tipping load of 3470 kg, the AT 900 fully proved its strengths. The engine power of 75 hp also was ideal for the loader. "For me, it's also important to have four-wheel steering", says Naumann. All grease nipples were freely accessible, maintenance was no problem. The AT 900 has become a reliable partner for him in daily operation at MPM.



→ The reclaimed raw material is then filled into big bags and loaded onto a truck



→ Udo Naumann and Martin Töpperwien (left and right in the picture, MPM Environment Intelligence KG) are more than satisfied with the two AT 900 and the support provided by Björn Rodewald (centre), Kiesel Nord sales representative