

AVA Abfallverwertung [Germany]



Production and master control

High emphasis is put on environmental issues when recycling and disposing waste in the German community Augsburg and its vicinity with around 600,000 inhabitants.

AVA Abfallverwertung is one of the largest waste management plants in the German state Bavaria.

Advanced image technology

Reducing waste and possibly making use of it for electric energy, industrial vapor and heat production, or recycling to reusable components, are of highest priority at AVA.

The completely new AVA plant is in full operation since 1997. From the very beginning, Barco's display wall technology was chosen. In 2001 the formerly deployed 7 Barco CRT based rear projection systems were substituted by 7 new Barco S70 pedestal units. All S70 are directly connected to operator's workstations without requiring any change in the control system. The dynamic process pictures are fine-tuned for fitting exactly on adjacent projection units, providing an overview of the entire power plant at a glance.

BARCO

Visibly yours



Heart of the power plant is a large and user-friendly control room with 3 operator workplaces and a central display wall. Barco's modern display wall consists of 7 lined up 70" displays, giving the operators a dynamic overview of the power plant 24 hours a day, 7 days a week.



Three major parts constitute the plant: Sorting, composting, and power generation. Every year up to 350,000 tons of waste are collected, sorted and processed. Due to most modern process control technology and facilities, AVA is able to over-accomplish even the very stringent rules regarding maximum emissions, and finally leaving almost no contaminated components. Moreover, every year 80,000 tons of waste are converted to useful products.

Customer benefits

The reasons for again choosing Barco's solution were the good experience with the previous system and the most modern poly-silicon LCD projection technology, guaranteeing 24/7 operation with lowest possible cost of operation as well as most accurate display quality, enabling to show even smallest details of the plant.

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Barco Control Rooms is an ISO 9001 registered company.
The information and data given are typical for the equipment described. However any individual item is subject to change without any notice.

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