

PRESS RELEASE

AIDA EUROPE delivers the world largest SERVO transfer press to a North American customer



Calolziocorte, Italy: AIDA EUROPE, world leader in SERVO technology for metal forming equipment, having delivered over 1000 pieces of equipment, in August supplied the world's largest SERVO transfer press to a North American customer. Klaus Rothenhagen, Vice President of AIDA EUROPE, said that this system, which consists of a de-stacker and SERVO transfer press, is currently unique in the world of forming technology.

The transfer press with a capacity of 3000 tons and a bolster size of 6,000 x 2,500 mm (236 x 98 in.) is the largest of its type in the world. The press is driven by (4) proprietary AIDA high-performance SERVO motors providing 30 spm in normal operation and 35 spm in 'Pendulum mode'. In pendulum mode, the slide does not perform the whole stroke, but only the portion necessary for the operation, thus allowing a higher output than a similarly configured mechanical press.



The energy management and buffering systems are also unique. Despite an installed capacity of over 2 Megawatt, in normal working mode this system requires less power than a mechanical press of the same size. Thanks to an intelligent energy management system utilizing capacitors the power requirement from the electrical grid is reduced to a minimum.

This system is used mainly for high-strength body parts for the latest generation of German designed cars manufactured in the USA.

The increased model variety and reduced lot size are supported by a less than 5-minute die change.

Installation, as well as service and support, for this project have been coordinated between AIDA Europe and AIDA-America (Dayton, OH).

Marco Daminelli, project manager at AIDA EUROPE was able to hand over the system in only 17 months from order to final acceptance.

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Contact:

Klaus Rothenhagen

Vice President International Sales

Email: krothenhagen@aida-europe.com

Phone: +49 175 295 4635