

CATERPILLAR like NASA & AIRBUS !!!



EXCELLENCE IN FORMING



Davi customers needs are many. They basically boil down to attaining excellent rolling results with high productivity by avoiding re-rolling or reworking to correct imperfect bending. The most recent application based on a long company history with CATERPILLAR was the four roll machine with capacities 40 mm (1 1/2) machine that was recently delivered to one of the their European plants.

The machine was "custom" designed and built to the customers unique specifications which included a tilting loading plate infeed conveyor and specifically designed evacuation conveyor to improve through put with upstream and downstream processes. With the aid of these unique accessories the operator is able to the manage the entire process by himself without the necessary assistance of other people or equipment. Crucial to the auto cycle is the DAVI "SMART PRO" CNC control that manages the rolling cycle simply and quickly. In addition to the on-board functions, the customer was struck by the CNC's "Roll by Wire" (Davi Patent) troubleshooting properties as connected with the control functions of the machine (e.g. solenoid valves, encoders etc.). This is made possible using innovative digital technology from other developed industries (e.g. aerospace, space etc.), after all, Davi rolls are utilized at multiple NASA sites in the US. The diagnostic properties of the Davi machines enables fast problem identification without the need to dismantle the machine to examine every component to discover the potential fault.



Davi is the market leader worldwide in the manufacture bending machines including plate rolls, wind tower lines, beam benders, folding machines and complete flanging lines.

Thanks to more than forty year old history and a highly developed R&D unit, Davi continues to offer State of the Art CNC technology combined with years of experience in industrial automation together with components of absolutely the highest quality (eg. Rexroth, Siemens, Heidenhain, SKF, etc.). These factors have all contributed to the leadership position that Davi undisputedly holds today.

Davi subsidiaries or valued business partners worldwide can count on in-house specialist after sales technical customer service and support unit (totally independent from sales). Wherever your DAVI machine is in the world...we are only a phone call away.

Nasa, Airbus and Caterpillar have chosen Davi machines, too !

