



PRESS RELEASE

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Wire & Tube Bending Technology Days

Hosted at Numalliance Advanced Technology Center, located in suburban Chicago, the Wire & Tube Bending Technology Days took place on January 24th, 25th and 26th.

“We are very pleased that wire and tube bending professionals from all over north America, came over to discover the multiple capabilities of Numalliance’s solutions” proudly says David Galas, U.S. Business Development Manager at Numalliance.

In fact, all the planning of this event was triggered by the delivery of the first FX13G4 Touch and Form Series to a U.S. customer. Equipped as a complete line from decoiler to pick and place arm, the machine was available for demonstration purposes for only a few days. The FX13G4 showcases our user-friendly HMI interface and simulation software enabling the bending of positive and negative bends simultaneously.

In addition, the FX13G4 has a single minute tooling exchange feature, 7 servo axis, and a remote jog teach pendant providing the operator with infinite control of each independent axis. “We could have integrated a 6 axis Robot instead of our pick and place arm” stresses Regis Hulot, Training & Technical Support Manager at Numalliance. “Depending on the customer requirement, Numalliance can integrate a more cost effective solution with quicker cycle times than typical robot integration. Our in-house pick and place arm, for example, was developed over 10 years ago to function in a work cell for the wire and tube industry”. With over a ½ capacity, the FX13G4 is capable of running solid and tubular coiled materials. Improving efficiency and profitability in small diameter tubular component production.

Dedicated to high volume applications, the Numac 3006 was hard tooled to produce a U shaped pegboard hook component. With cycle times 5X – 7X higher than a standard feed and form, the NUMAC, the only camless multi slide on the market, has production rates up to par with some mechanical machines “Without the 8 hours of change-over” adds John Griffin, Senior Technician. He later performed a 5 minute tooling change- over to change the length of the pegboard hook from 6” to 8” slightly reducing the cycle time.

Of course: “Numalliance still produces the Robomac line” boasts Ludovic Vallet, C.O.O. of the company. Pioneer of the CNC wire form machine nearly 20 years ago, the very first machine from Latour & Fils is still running. Although far less capable than the current “Touch and Form”, the Robomac in those early days was known for its sturdiness in construction, user-friendly interface, high repeatability, and part consistency. A real “workhorse.” The Robomac in operation at the ATC was in-line with our 60T cold heading unit capable of forming a head and collar in one hit on a 5/8” wire. “We managed to associate power and speed on this equipment” comments Manu Moretto, Numalliance Technician. “I don’t think there is anything comparable on the market right now”.

After 3 days of non-stop demonstration, we are confident that customers left the ATC with the word “solution” not the word “issues” in mind. In the months to come, Numalliance will host similar events further highlighting our wealth of creativity and technology with industry leaders. Stay tuned.