

PRESS RELEASE

Numalliance – 05 february 2012

On Wire & Tube 2012 Numalliance goes beyond bending

In 2010, after years of preparation, Numalliance launched during Wire and Tube the new platform Touch and Form, integrating best component of each brand part of the Group, Latour/Robomac and Macsoft. Continuing innovation, this year the group decided to show its capability beyond bending and its incredible innovation skills.

Numacell modularity at its best

Numalliance has long been integrator of robot and provider of turn-key integrated solution, mostly for high volume automotive parts. The group is now reaching for a broader market gaining modularity and flexibility with a renewed concept of work cell: Numacell.

At the heart of the system of course is the 8-servo, wire and tube bender Numabend T815, positioned on one of the 8 side of the platform hosting a 6-axis robot. From that core, can be arranged a variety of feeding or secondary operations that can be hosted on each of the open sides : wire or tube, from coil or cut-to-length, hand-fed or hopper-fed with magazine, chain or standard conveyor, the line is customized to the requirement of the industry it serves. Numalliance experts walks the customer through the catalog of option to find the perfect fit for the customer. The pre-wired platform around the robot is ready to “plug and play” any secondary operation the parts may require. During the show the group will showcase that line and proudly display a 50 t electric press served by a twin gripper loading and unloading robot.

Bend, Transfer, Weld: why not altogether?

The Numacell allows cost saving by doing multiple operation in parallel. With a similar principle and integrated on a beefed up pick and place arm in line with the Robomac 310 Touch and Form Series the embedded welding unit grips the frame as soon as it is bent, and weld it while on its way to unload the part.

Clean, Safe, Quiet, Cost-Effective and Fast: Is this a Heading unit?

The range of heading unit is now completed with a newly developed 100% electric 50t Heading unit capable of bulging a head and collar in one blow on a record time. Served with the newly redesigned FTX, the combination of the two will keep the company's customers their leadership on the muffler hanger business. Speed, reduced maintenance cost, mess-free and reliability are the forte of this new technology developed to meet the requirement of the demanding world of automotive.

Faster set up, less tweaking

Only a “Magic Box” could do it, but Numalliance™ made it real and integrated a 3D Touchless checking systems on all the Touch & Form Series. With that tool, making a prototype for a customer is almost as difficult as using a fax or copier, and programming is part of history since the machine can capture instantly all dimension of a part. Of course most of the applications are oriented towards quality requirements since this device can perform capabilities, but also can send the modification needed to the bender to instantly correct the output, hence guaranteeing a zero defect production.

With so many innovations around the bending world, no wonder that Numalliance™ motto is Beyond Bending.