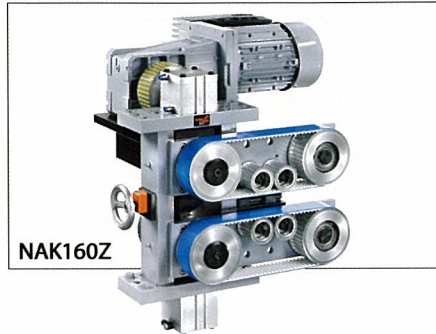


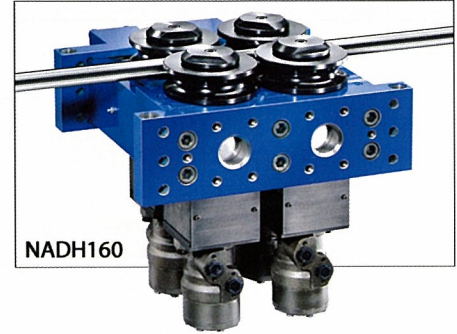
## Feeding, guiding and straightening you out!



AS PO



NAK160Z



NADH160

▲ The new additions to the Witels-Albert range

UK agent Techna International has introduced new products from Witels-Albert GmbH, a leading European manufacturer of guiding, straightening and feeding equipment, from hand-held units to fully automated, computerised systems.

The latest addition to the range of feed/drive units is the NAK 160Z utilising feed-belts that are now being increasingly designed into feed units for the handling of cable, tube and profiled shapes.

Compared to feed rolls, belts have better friction coefficients and exert less surface pressure on the work piece such that, at given contact pressure and torque, they generate higher force whilst being gentler on the product.

Though they have a shorter service life than rolls, the belts used on the NAK 160Z have a newly developed coating, on the back of the belt, which significantly extends the service life.

Units can be used to clamp and feed process materials which have varying diameters or cross-sections, in thickness between 0.6mm and 40mm, whilst maintaining a defined, identical zero-line.

The NADH 160 is designed for round steel wire with diameters from 15mm to 40mm.

Depending on the up- and down-stream roll straightening process, feed forces may need to be

as high as 10kN, so requiring exceptionally rugged straightening equipment.

For horizontal or vertical mounting, the robust, durable construction of the NADH 160 includes hydraulic clamping of the process material and factory-installed direct-drive hydraulic actuators for the shafts of the feed rolls, so providing a very high performance density.

Process materials of a minimum curvature radius of 300mm can be inserted into the open feed throat.

The newly developed straightening modules of the AS PO system meet the increasing trend for producing and processing high-strength process materials with large diameters from 10mm to 40mm.

Straightening of such materials requires straighteners which have more than five rollers per plane and combine features such as quick closing and opening with full adjustability of all rollers to achieve the best material handling and to ensure an identical zero-line for different diameters.

The modular AS PO system provides all this whilst making it very cost effective to process wire or tube in large or small batch sizes.

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