

Lankhorst's new coilwedge system

Lankhorst Mouldings introduced the new KLP coilwedge system at Euroblech 2014 in Hanover. This new storage system combines advantages of both rollstops and storage blocks. It offers the same flexibility as the rollstop system for coil diameters and at the same time maximum flexibility for all coil widths, similar to the storage blocks and traditional coilwedges. The



long wedged beams offer safe and flexible storage for wide coils and also for narrower or even slit coils.

Coilwedges are placed on the same rails as used for the rollstops. This interlocking system consists of a reinforced rail with notches to position the KLP coilwedges on. Distances between the coilwedges may vary depending on coil diameter. Standard coilwedges come in 1.2mm or 1.5mm lengths.

It is a turn-key storage system offering maximum flexibility and maximum safety. Coils may be stored up to two levels. The system consists of just four components: rail, connector, end-caps and coilwedge, which allows very simple installation on-site.

Comau's elevated payload robot

With a load capacity of 650kg and a reach of 2.7m, Comau's new SMART NJ 650 was designed to meet the market's need for robots than can efficiently manipulate components of significant size and weight.

The robot can handle a payload of up to 650kg, has a maximum horizontal reach of 2.7m and ISO 9283 repeatability from 0.15mm. Like Comau's other heavy load and high reach robots, the SMART NJ 650 is characterised by high stiffness, a compact, space-saving design and an optimised load capacity/payload relationship.

The SMART NJ 650 is ideal for multiple industrial applications, including handling, spot welding of large body parts for the automotive sector, and the manipulation of heavy components for machine tending operations, as well as palletising, deburring and polishing, packaging and machining in general.

Arturo Baroncelli, segments management director at Comau, said, "The new SMART NJ 650 allows us to expand and strengthen our presence in market segments that need to process heavy pieces. It also enables us to respond to new production areas that increasingly require robots with a large payload capacity."



SSAB's extreme wear-resistant tube

SSAB has launched its new Hardox Tube 500 range. The new product line provides the same hardness and toughness as Hardox wear plate, but in circular form.

Hardox Tube 500 was developed to give outstanding performance in any application where high wear resistance in combination with a lighter product solution is beneficial.

"We have a long experience of developing wear-resistant steel tubes. The final properties are set after tube rolling and welding, which guarantees consistency as well as high hardness and toughness qualities, just like all Hardox products," said Fredrik Mikaelsson, Tubes & Sections manager at SSAB.

Hardox Tube 500 is suitable for transporting all types of abrasive materials such as ore slurry. Its extreme wear resistance allows for a lighter product with a long service life. Using Hardox Tube 500 can increase the competitiveness of certain products by extending their service life by two, five, ten times or more.

Hardox Tube 500 is available from stock in 88.9-133 mm diameters and different material thicknesses. Custom tubes in thinner materials and other diameters are also available.



Metcar's self-lubricating carbon-graphite bearings for louvre dampers

Metallised Carbon (Metcar) has specially designed bearings for louvre dampers in boiler applications.

The Metcar bearings are preferred for boiler damper blade shaft bearing applications because of their ability to cope with the extremely high temperatures involved. At these high temperatures, oil/grease lubricated bearings are problematic because the lubricants can melt, volatilise or carbonise, causing bearings to gaul and seize and therefore rendering the dampers useless.

Because Metcar carbon-graphite bearings rely on graphite for their self-lubricating properties, they are dimensionally stable, not subject to deformation, and can be relied upon to provide low friction damper blade movement even

after being stationary for many months. The high resiliency and low maintenance leads to reduced costs and decreased down time.

Metcar self-lubricating carbon-graphite bushings are also used as stem bearings on high temperature butterfly valves, high temperature ball valves and high temperature wafer style dampers.

Standard pillow blocks and flange blocks with Metcar bearing inserts are available with cast iron, stamped steel, or stamped stainless steel housings. Standard flange block bearings are available in English and metric sizes for shafts up to 5in (127mm) in diameter and standard pillow blocks will accommodate shafts to 3in (75mm) in diameter.

QuinLogic

Production Quality Management Software

Innovation in Quality Assurance

For more information contact us at:
+49 (2405) 47 999 40 • www.quinlogic.com

