WDS Components Help Desk

WDS Components Launches New Range of Stainless Steel and Nylon Conveyor Parts for Automation and Material Handling Systems

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WDS Components Launches New Range of Stainless Steel and Nylon Conveyor Parts for Automation and Material Handling Systems

WDS Components Ltd, a leading manufacturer and supplier of standard parts and components, is pleased to announce the launch of a new line of stainless steel and nylon conveyor parts for conveyor and automation systems.

This latest range includes a comprehensive selection of support elements such as:

· clamps with adjustable bracket heads

· adjustable Z bracket heads

· side brackets with head (short or long) available in both single and double configurations

Brackets can be supplied individually, or as a complete clamping unit with an adjustable clamp. Star knobs, levers and bolts are provided as adjustment options.

To support a variety of working environments, bracket heads are available in either stainless steel or nylon. All other parts are comprised of stainless steel to provide stability and robustness. The new range is available in a selection of metric sizes to support a wide variety of conveyor configurations and applications.

Supporting Efficient Conveyor Systems

Conveyor components and parts are integral to the efficient functioning of conveyor systems, which are widely used in various industries for material handling, logistics and transport. These components are essential in creating modular, precise and efficient conveyor setups that can be adapted to different operational needs, ensuring the seamless flow of goods from one point to another with accuracy and stability.

These conveyor parts are suitable for industries such as food processing, packaging, pharmaceutical production, and general manufacturing, where reliable component positioning is essential. The new WDS range provides engineers and system designers with the flexibility to build and maintain robust, hygienic, and efficient conveyor solutions.

A Conveyor Clamping Solution For Every Need

This new launch provides either full clamping systems with a variety of adjustment machine handles, or as

individual guides with either cone, rod or t-slot guides. The full clamping systems are available in the following configurations:

Adjustable Bracket Heads

- Designed for precise positioning and secure mounting in conveyor systems and automation assemblies. Ideal for supporting guide rails, sensors, or accessories, the head can be easily repositioned.

Side Brackets with Head

- Side brackets with short or long heads with 316 stainless steel levers, star knobs or bolts provides a secure and adjustable mounting solution for conveyor systems and automation equipment. Combining a robust side bracket with a precision mounting head, they enable stable installation and easy repositioning of guide rails, sensors, and other accessories.

Adjustable Clamps

– These provide a flexible mounting solution for conveyor and automation systems. Designed to support linear guide rails, the adjustable clamps allow for precise positioning of the guide rails for optimal alignment.

Double Clamps

– designed to support linear guide rails, their adjustable heads allow flexible positioning along 12mm rods for precise alignment.

Material Benefits and Application Advantages

The new product line is available in stainless steel or nylon, allowing customers to choose components suited to their operational and hygiene requirements:

Stainless Steel Components

– Ideal for food processing, pharmaceutical, and packaging industries where strength, corrosion resistance, and hygiene are essential. These components withstand frequent washdowns and harsh cleaning conditions. Additionally, adjustment elements such as levers, knobs, and bolts, are supplied in 316 stainless steel, ensuring durability and chemical resistance even in demanding environments such as clean rooms.

Nylon Components

– Well-suited to general manufacturing and product handling applications where frequent washdowns are not required. Nylon bracket heads provide a lightweight, durable, and cost-effective alternative while maintaining excellent performance and versatility.

Whether the priority is strength and corrosion resistance for demanding washdown environments or lightweight, cost-effective conveyor parts for general manufacturing, WDS provides a reliable clamping and positioning solution for every requirement, ensuring long-term efficiency, precision and productivity across a broad range of industries.