WDS Components Help Desk

WDS Expands Conveyor Range With Additional Components

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WDS Components expands its conveyor component range with additional side brackets and accessories.



WDS Components continues to expand its conveyor component range with the addition of new side brackets and accessories, designed to support conveyor construction, guide positioning and systems adjustment across multiple industrial applications.

The latest additions to the range include 316-grade stainless steel side brackets, plastic side brackets and a selection of clamps, knobs, levers, tube inserts and levelling feet. These conveyor specific components provide engineers, repair technicians and other professionals with further options when specifying, building or modifying conveyor assemblies, with material selection allowing components to be matched to specific operating environments.

New 316 Stainless Steel Side Brackets

Manufactured from 316-grade stainless steel, the new side brackets to the range are intended for applications where corrosion resistance, durability and hygiene are important design considerations.

Stainless steel is particularly suited to conveyor equipment exposed to moisture, cleaning regimes and other potentially corrosive environments. This makes the brackets appropriate for applications including food

processing, pharmaceutical production, packaging and other washdown environments.

These brackets provide a rigid mounting point for conveyor side guides and associated hardware, helping maintain guide position and alignment during operation. Their stainless steel construction also provides a durable solution where components need to withstand repeated cleaning and prolonged exposure to demanding conditions.

Plastic Side Brackets: Lightweight And Low Friction

Plastic side brackets provide a lightweight alternative for supporting conveyor guides and accessories. Their lighter construction reduces the weight of an assembly, which can be advantageous when designing or modifying conveyor assemblies for portability, structural limits, or lower energy consumption. Plastic, with its inherent corrosion resistance, can mitigate perishing in some conditions that would otherwise degrade steel, makes plastic suitable for applications where exposure to moisture is a consideration. Polymer can additionally help to dampen noise, reduce friction, and potentially provide softer impact for fragile material handling.

These brackets are designed for straightforward installation and can be used across a range of conveyor configurations. Typical applications include food processing, packaging, pharmaceutical and general manufacturing equipment.

Material selection between stainless steel and plastic can therefore be based on factors including environmental exposure, hygiene requirements, mechanical loading, component weight and the overall conveyor design.

Conveyor Adjusting And Support Components

The expanded range also includes additional clamps, knobs, levers, tube inserts and levelling feet, providing engineers with more options for securing, adjusting and supporting conveyor assemblies.

Adjustment components can be used where guide positions or supporting elements need to be changed during machine setup or production. Levelling feet provide a means of positioning and stabilising conveyor equipment, while clamps and associated mounting components enable guides and accessories to be securely fixed to the conveyor structure.

These components are also relevant to maintenance and modification work, where existing conveyor systems may need to be reconfigured to accommodate changes in product dimensions, production requirements or machine layout.

The existing and complimentary WDS conveyor range includes clamping rails and rods, connecting joints, guide rails and brackets, skate wheels and omni wheels, support bases, mounting brackets, support heads, tube and tubing, and ball transfer units.

Together, these ranges provide a selection of standard components for conveyor construction and ancillary equipment, allowing machine builders and maintenance engineers to configure systems around specific mechanical, environmental and operational requirements.

For further technical information, material data, or ordering support, engineering teams are encouraged to visit www.wdscomponents.com or contact the WDS technical support team.