



Vibratory Screen, Crusher and Conveyor Mounts

Rubber-to-metal bonded and rubber mounts are used extensively on vibratory screen, crusher and conveyor applications. The mounts are often used to both provide isolation to the surrounding structures and to allow for the vibratory movement required to convey or sort products. Due to the dynamic nature of the application special rubber compounds can be used to obtain the desired effects whilst maximising the life of the products.

Sandwich Mounts



Sandwich Mounts consist of rubber bonded between two plates and are often mounted in shear or at an angle to take advantage of the appropriate stiffness properties in the direction of movement. Stiffness properties can be controlled by both rubber hardness and inserting metal interleaves. Many different sizes and configurations are available and parts can be specified to meet the application requirements where needed.

Buffers



Buffers are used on conveyor and screening machinery where their ease of installation, the capacity for high deflections in shear and availability in many sizes and configurations make them a popular choice. Buffers can be installed at an angle in the application and special rubber compounds can be used to suit the application requirements. Stiffness can be controlled by rubber hardness and dimensions with the possibility to waist the rubber. Buffers range in size from a diameter of 6mm up to 200mm.

Foundation Buffers



Foundation Buffers are rubber moulded products which are usually manufactured in special rubber compounds to provide resistance to overheating of the rubber in the dynamic application. Used on screens and conveyors they provide excellent vibration isolation to the surrounding structure. Stiffness is controlled by rubber hardness and dimensions with the possibility to alter the internal profile. Many sizes and configurations are available from a diameter of 95mm up to 250mm.

Large Bushes (Ring Buffers)

Dimension Range

	Inner Metals	Outer Metals
Diameter	Ø254mm to Ø315mm	Ø348mm to Ø409mm
Length	100mm to 130mm	115mm to 148mm

Large Bushes or ring buffers are used in large centrifuge units, they are manufactured in special rubber compounds to suit the application and the outer metals are segmented.

Special Mounts



Special mounts consist of profiled rubber bonded to metal plates. The rubber profile and compound can be developed to provide the required characteristics for the application.