



SES HEATED PHAMACUTICAL TUMBLER

Description

A rotating drum for processing a variety of materials, jacketed for heating medium. The drum has one end opening for loading and unloading, with quick release fasteners. The drum is mounted in a frame, and is pivoting, so can be tilted forward and back with the hydraulic rams installed. The drum rotates on rollers and is chain driven, paddle bars fitted along the internal length of the drum agitate the product whilst it rotates.

Benefits

Heating, cooling, agitating, size, ease of loading and unloading are all benefits that may be requirements that you require in your process.

Operation

The operation of the tumbler can be varied to suit the requirements of any process, and can be tailored to any industrial needs, with controls to suit.

Scope of supply

Manufacture 304 Grade Stainless steel barrel tumbler, chain driven and rolling on bands over support rollers, mounted on a hot dipped galvanised mild steel frame, the diameter of barrel will be 1,700 mm x length 3,403 mm, with ends coned at 45 degrees, overall length 4,860 mm.

The support frame will have allowance for load cell mounting, and supplied with a hydraulic rams and power pack to allow tilting of the barrel back for loading, forward for unloading and horizontal for processing operation. 304 grade SS material mixer blades will be fitted, and the barrel will be manifolded and jacketed with 304 Stainless steel to allow fluid circulation around the outer circumference, as well as the non-opening end.

The opening end will be secured by manual clamps, and will be sealed by a seal fitted to the end cap.

Pneumatics will be by SMC, and the main drive will be SEW.

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