

Home > Cleaning & Degreasing MachineryAssociated Aqueous Cleaning >

## Vixen Surface Treatments Rotary Screw Hot Air Continuous Product Drying Machine



**Stock Code:** DB1441

**Manufacturer:** Vixen Surface Treatments

**Model:** Tristar TS 500

**Year of Manufacture:** May 2010

**Serial:** TS500 230310

**New or Used:** Used (Second Hand)

**Work Envelope (WxDxH mm):** Ø500 x 2100 mm

**Process Stages:** Single Stage Archimedes Heated SS Screw

**Other Info:** Continuous Product Throughput Drying

**Weight:** 618

**External Dimensions (WxDxH):** 1050 x 2580 x 1380

The Tristar machine was developed to provide a continuous throughput of components that require a drying operation with increased throughput from a continuous feed. Operation The Tristar model has an Archimedes screw drying screen with overhead air knife blow off working on a recirculating hot air principle. The rotating drum with Archimedes continuous screw fitted on the internal wall means that as the drum continues turning and moves the parts gently under the hot airstream to effectively remove any water or moisture as the parts pass below. The expelled hot air is then drawn from the inner box chamber, pressurised by the fan then passed over the heater bank again to maintain a constant temperature air stream for low heat input. The process length can be modified by controlling the speed of the drum rotation, so whatever the substrate, quantity, or shape of the parts, they will exit the machine in a totally dry state. Features Electricity supply: 3 phase N+EDrum diameter: 500mmStandard perforation sizes: 3mmDry heating: 3 x 1.3kWDrum speed: 0-10 RPM  
View Vixen Surface Treatments Rotary Screw Hot Air Continuous Product Drying Machine on our web site at <https://www.rileysurfaceworld.co.uk/machines/31018.htm>

PHOTOGRAPHS TAKEN PRIOR TO REFURBISHMENT.