

TurboDisk²[™]

The High Speed Applicator With Superior Atomization Capabilities To Handle Even The Most Difficult Coatings

DESCRIPTION

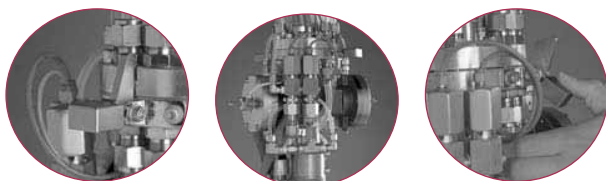
With the introduction of **TurboDisk2**, Ransburg has set a new standard in providing **electrostatic applicator solutions** to the coatings industry. Integrating **color coded quick disconnect** features, the TurboDisk2 produces substantially **finer atomization** due to its ability to generate much **higher rotational speeds** and **transfer efficiencies**. Proven quality improvements are realized with the **widest range of coating materials** including **waterbornes** and **high solids**.

FEATURES AND BENEFITS

- **Serrated Edge Conical Disk...** TurboDisk2's proprietary edge design provides superior atomization quality even at minimal rotational speeds.
- **Easy Access Fairing Design...** makes external surface cleaning a labor-saving snap.
- **Quick Disconnect Features...** fluid sections can be exchanged in minimal time to reduce downtime for maintenance.
- **Dual Feed Fluid System...** allows for higher fluid delivery rates and increased productivity.
- **Legendary Reliability...** TurboDisk2 incorporates proven, long-term turbine motor reliability.
- **High Flow Regulators/Fluid Valves...** allows for simultaneous paint push out while solvent washes the feed tube and disk.
- **Bold, High Visibility Color Coding...** quick disconnect features such as air and fluid lines, cabling and fittings are color coded for easy, quick identification.
- **Stainless Steel/Teflon Construction...** majority of component assemblies are virtually impervious to fluids.
- **Enhanced Readouts...** optional speed readout (control) incorporates reliable magnetic pickup for fiber-optic transmission of rotational speed data.
- **Easy Maintenance Design...** upper and lower assemblies are easily fitted and latched for efficient and economical maintenance procedures.



Specifications

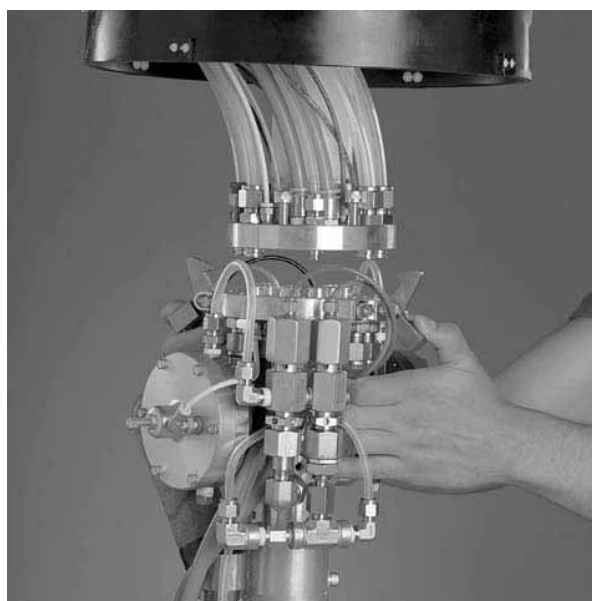


Mechanical

- Turbine Speed:** Variable to 40,000 rpm max. (6" conical disk)
- Turbine Type:** Ball Bearing
- Weight:** 57 lbs. (approximately)
- Length:** 36 in.
- Diameter:** 13.25 in.
- Turbine Air:** At max. speed (40k rpm), requires 103.1 psi and 61.1 scfm, unloaded
- Single Fluid Flow Range:**
 - Waterborne:** To 1200 cc/min.
 - Solvent Base:** To 1500 cc/min.
 - High Solids:** To 1000 cc/min. (80%+)
- Air Inlet Trigger/Dump:** 70-100 psi

Electrical

- POWER SUPPLY**
- Type:** MicroPak[™] Industrial or Voltage Master[™]
- Charging Method:** Direct
- Input Voltage:** 0-100 kV
- Turbine Speed Control or Monitor (optional):** PulseTrack[™]



ITW Industrial Finishing
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