

TURBODISK™

THE HIGH SPEED APPLICATOR WITH SUPERIOR
ATOMIZATION CAPABILITIES TO HANDLE EVEN
THE MOST DIFFICULT COATINGS

Serrated Edge Conical Disk

Dual Feed Fluid System

Bold, High Visibility Color Coding

Stainless Steel Construction

Easy Maintenance Design



With the introduction of TurboDisk, Ransburg has set a new standard in providing electrostatic applicator solutions to the coatings industry. Integrating the TurboDisk produces sustainably 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.

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SPECIFICATIONS:

MECHANICAL

Turbine Speed:	Variable to 40,000 rpm max. (6" conical disk) (152 mm)
Turbine Type:	Ball Bearing
Weight:	57 lbs. (approximately) (26 kg)
Length:	36 in. (914 mm)
Diameter:	13.25 in. (336 mm)
Turbine Air:	At max. speed (40k rpm), requires 103.1 psi and £1.1 scfm, unloaded

Single Fluid Flow Range:

Waterborne:	To 1200 cc/min.
Solvent Base:	To 1500 cc/min.
High Solids:	To 1100 cc/min. (80%+)

Air Inlet Trigger/Dump: 70-100 psi

ELECTRICAL

POWER SUPPLY

Type: MicroPak™ Industrial or
Voltage Master™ 2

Charging Method: Direct

Input Voltage: 0-100 kV

Turbine Speed

Control or Monitor
(optional) PulseTrack™ 2

- **Serrated Edge Conical Disk:** Turbodisk'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
- **Dual Feed Fluid System:** allows for higher fluid delivery rates and increased productivity
- **Legendary Reliability:** Turbodisk 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
- **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



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