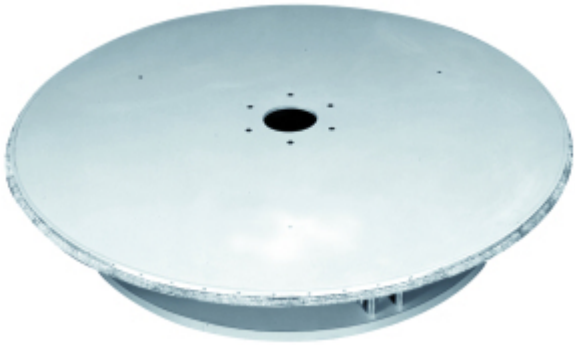


2181 TURNTABLE

ETS-Lindgren's Series 2181 Turntables have a long legacy of durability and trouble free operation.



ETS-Lindgren's Series 2181 Turntables have a long legacy of durability and trouble free operation. These turntables have been installed both indoors and outdoors at test sites around the world and have set the standard for others to follow. Available in a variety of standard diameters, weight loadings and drive speeds, these turntables can also be customized to meet your exact requirements.

Key Features

- Aluminum Construction
- Extra-heavy Duty Drive Train
- Variable Speed
- Standard 2.0 m (6.56 ft) to 6.0 m (19.7 ft) Diameter
- Ground Brush and Floor Flange
- Fiber Optic Control Lines
- 208-230VAC Single Phase input power
- 2500 kg (5,511 lb) to 9000 kg (19,841 lb) Distributed Rating¹

¹Distributed Load Rating: Applies when load is evenly distributed to each wedge section; no point loads under .37 sq m (4 sq ft) should exceed 500 kg (1,100 lb), and not over 500 kg should be applied to a 45° segment outboard of the casters. Dimensions are not for construction purposes. Consult factory for physical and electrical installation requirements.

Features

Precision Designed and Manufactured

All model 2181 have turntable tops that are precision machined using CNC milling equipment for a smooth, even platform that is warp resistant. The nominal tolerance for flatness is .32 cm (.13 in) over 2 m. Run out tolerances are less than or equal to .16 cm (0.06 in). All model 2181 Turntables feature a durable bronze filament ground brush and matching wear strip to provide continuous electrical coupling with the ground plane.

Operation

These turntables also include the ability to set mechanical limits for clockwise and counterclockwise rotation, using manually movable pins. Within the mechanical limits, soft limits can be set using the EMCenter™ with EMControl™ plug-in card. The turntables can also be set for continuous rotation. Optional slip rings for EUT power signal lines are recommended if continuous rotation is performed.

Fiber Optic Lines

Signal I/O between the motor base and ETS-Lindgren's Positioning Controller is fiber optic, eliminating a potential source of RF interference. The turntable includes 10 m of fiber optic cable.

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ETS-LINDGREN
An ESCO Technologies Company

Specifications

Electrical Specifications

- 208-230 VAC Single Phase 50/60Hz 20A

Physical Specifications

Model
2181-2.0
2181-3.0
2181-4.0
2181-5.0
2181-6.0

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Additional Specifications

- Turntable Assembly
- Variable Speed
- Ground Brush and Wear Strip
- 10 m Fiber Optic Cable
- Installation Supervisor Included (USA Only)

Product Options

- LISNs
- Slip Rings for Electrical and Signal Connections
- IR Hand Control Unit (Requires Optional IR Repeater)
- EUT Power Outlets (Flush Mounted on Tabletop)
- Control Unit (Sold Separately): EMCenter™ with EMControl™

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