DAC Worldwide’s Rotary Kiln Maintenance Training System (241-000) is a heavy-duty, steel benchtop training device that allows for realistic training in maintenance activities associated with large rotary kilns. The training system features a segmented steel kiln shell, which was machined from a schedule 80 pipe, and allows for modification to simulate irregularities in shell construction commonly found in the field.

Using this training system, learners will explore how rotary kilns are used for training in various sectors, including the design, application, control, and maintenance of common industrial kilns. The trainer covers industry-relevant skills, such as operating, maintaining, and troubleshooting industrial rotary kilns in a variety of applications.

This kiln maintenance trainer includes a variety of industrial components, including a drive and roller assembly foundations, nylon roller riding rings, a gear motor, and more. Learners will use these electrical components to study topics such as rotary kiln principles, maintenance, operation, and troubleshooting. This system utilizes industry-grade components, providing durability to stand up to frequent use, and to aide learners in becoming better prepared for the tasks they will encounter on the job.

**Practice Hands-On Mechanical Skills for Various Applications**

The Rotary Kiln Maintenance Training System features a 7-gauge, steel baseplate with provisions for tabletop mounting and adding a magnetic base/dial indicator. A complete, motorized gear and pinion drive system is provided, allowing for establishment of proper mesh patterns. Adjustable kiln rollers and thrust rollers let learners make hands-on, real-time adjustments in alignment and tracking.

The trainer highlights a kiln tube, which was machined from a schedule 80 steel pipe in three sections, allows for adjustment of primary centerline using set screws. It also features a welded aluminum drive, and three roller assemblies, including: detailed soldered brass substructures, adjustable roller pillow blocks, and roller shafts and ball bearing rollers. Through a variety of realistic features, this device allows for realistic training in good maintenance practice prior to performing work in the field, without jeopardizing actual equipment.

**Expand Training with Additional Mechanical Options**

The Rotary Kiln Maintenance Training System is only one of DAC Worldwide’s expansive mechanical trainers, which
also includes a Heat Exchanger Trainer (238-000), a Boiler Tube Trainer (240-000) and many more!

**FEATURES & SPECIFICATIONS**

- 7-Gauge, formed-steel baseplate with provision for tabletop mounting
- Provision for attachment of magnetic base/dial indicator sets throughout
- Adjustable support feet
- Kiln tube, machined from schedule 80 steel pipe in three sections and allowing for adjustment of primary centerline using set screws
- Welded aluminum drive and roller assembly foundations
- Three (3) roller assemblies, including: detailed soldered brass substructures, adjustable roller pillow blocks, roller shafts and ball bearing rollers
- Nylon roller riding rings
- Representative kiln gear and pinion, with provision for adjustment and alignment
- Gear motor and associated electrical components
- High-durability urethane coatings throughout
- Crating for shipment via motor freight

**PRODUCT DIMENSIONS**

- **Product Dimensions**
  (L x W x H)
  66in. x 13.5in. x 12in. (1670 x 340 x 300 mm)
  175lbs. (80kg)

- **Shipping Dimensions**
  (L x W x H)
  70in. x 18.5in. x 30in. (1778 x 470 x 762 mm)
  261lbs. (118kg)

**OPTIONS**

- #208-015 - Magnetic Base/Dial Indicator Set

**ACCESSORIES**

- Combination wrench set
- Feeler gauge set
- Allen wrench set
• Shim stock

**REQUIREMENTS**

• Requires 115V/60Hz/1Ph power

• #208-015 - Magnetic Base/Dial Indicator Set

**Address**

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**Contacts**

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