WMDAH
AL-SHAMALIA

# ROTAR JOINT PERATING PLATFORM

## Introduction

In advanced industrial and military environments, Rotary Joints are essential components in radar systems and rotating equipment. To ensure their efficiency and safety, the Rotary Joint Operating Platform has been developed as a specialized tool for testing and operating these joints outside the actual work environment, allowing for verification of their readiness before installation.

## Key Features

- Realistic Simulation: The platform allows joints to operate at rotation speeds similar to those used in actual systems, providing an accurate testing environment.
- Early Fault Detection: Enables identification of technical issues in joints before installation, reducing the risk of operational failures.
- Maintenance Quality Assurance: After maintenance, the platform can be used to ensure that operations were successful and the joint functions efficiently.
- Storage Protection: When joints are stored for extended periods, they can be periodically operated on the platform to prevent internal component damage due to inactivity.
- Field Technician Support: Provides a reliable tool for technicians to test replacement joints before integrating them into systems, ensuring uninterrupted operations.

## Technical Specifications

- **Speed Range:** 0 to 100 RPM, adjustable as needed.
- **Compatibility:** Supports a wide range of joint types used in various systems.
- **User Interface:** Equipped with a digital display for speed and operational status, with easy-to-use controls.
- **Safety Systems:** Includes overload protection mechanisms to ensure safe joint operation

## Why Choose Our Platform?

- **Enhanced Operational Efficiency:** By verifying joint readiness before installation, the platform reduces unplanned downtime.
- **Cost Savings:** Minimizes the need for emergency maintenance and costly repairs due to unexpected failures.
- **Improved Safety:** Ensures joints function efficiently before installation, reducing the risk of operational accidents.

Contact Information: wmdahalshamalia@gmail.com 050 359 2684 057 649 5222