

## Technical Data Sheet (V-1.1)

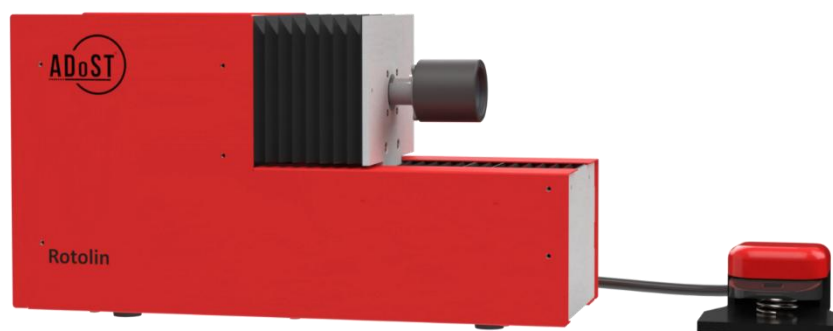
# ADoST Rotolin

A roto-linear equipment for gluing cylindrical parts

11<sup>th</sup> Dec 2025

### Product Description

ADoST Rotolin is a semi-automatic equipment especially designed for applying adhesives on outer diameter of cylindrical machined components. Its dual action of rotation while simultaneously providing linear movement makes it possible to use this system on all types of components, not just limited to cylindrical. The applied spiral or linear pattern spreads evenly when the component is assembled. The amount of adhesive dispensed can be easily controlled through adjustments to dual motions. When integrated with ADoST Dispensing Systems, Rotolin enables most comprehensive surface coverage while nearly eliminating material wastage.



\*\*Note: Job Holder will be Customized as per requirement

### Applications

1. Sleeve Bonding
2. Rotor-Shaft Retaining
3. Pulley and Sprocket to Shaft
4. Bush to Housing Bonding
5. Core Plug Sealing
6. Cylinder Head to Valve Guide
7. Bearing Retaining

### Product Features

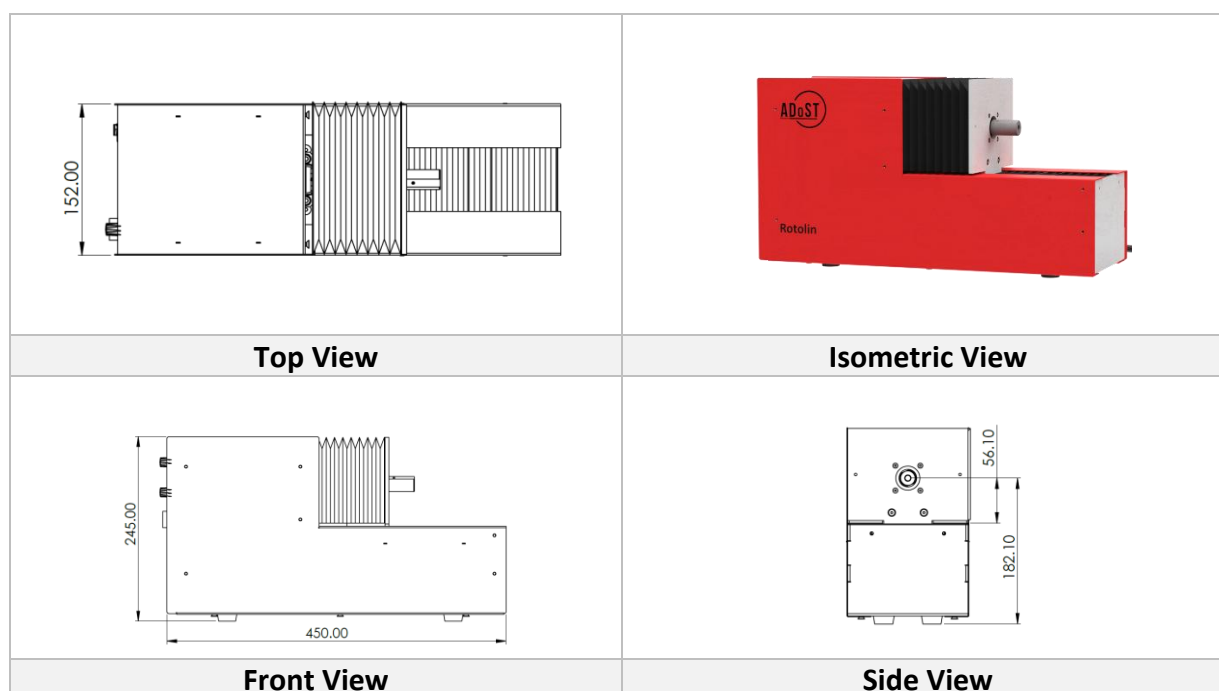
- **Precision and Consistency**
  1. Uniform adhesive film thickness across the entire contact surface.
  2. Nearly eliminates adhesive wastage
  3. Highly repeatable
  4. Well suited for high-speed assembly line.
- **Improved Quality and Reliability**
  1. Minimizes variability from human error or manual inconsistencies.
  2. Enhances long-term performance of the seal.
  3. Reduces rework or failure due to improper bonding.
- **Clean Work Environment**
  1. Nearly eliminates mess and overspill compared to other methods of application.
  2. Reduces contamination risk for sensitive components.

## Technical Data

<b>Model no</b>	<b>ADoST-Rotolin</b>
Application Type	For applying anaerobic retaining compound on cylindrical parts
Adhesive Type	Anaerobic Retaining Compound
Dispensing	Continuous Bead (Circular, Spiral)
Object Outer Diameter	Max 100mm
Size (Metric)	450 X 152 X 245mm
Movement	Linear and Rotational
Max Rotational Speed (RPM)	245
Max Linear speed(mm/sec)	20
Maximum Travel Length	100mm
Net Weight	10Kg
Compatible Dispensing Machine	ADoST PPS-NXT, ADoST PPS-PRO, ADoST CDS-PRO, ADoST SDS-PRO
Power Supply	Nominal:230VAC
Usage	Indoor Use
Storage Condition	Clean, cool & dry (25°C)
Operational Method	Semi-automatic electrically operated
Operating Temperature	-20°C to +80°C
Operating Humidity	10% to 95% RH

## Detailed Dimensions

All dimensions are in mm.



## Warranty

ADoST-Rotolin is guaranteed against any defects in workmanship and material for a period of one year from the date of supply.

## Customization

All ADoST dispensing equipment are designed to be flexible and specific customization may be possible against customer requests at added cost. However, only ADoST's R&D team is authorized to issue written confirmation/acceptance of any customization.

## Disclaimer

1K2K Dosing and Dispensing Private Limited believes the technical advice provided by the company and the information contained herein is reliable and accurate. However, 1K2K Dosing and Dispensing Private Limited makes no warranties, expressed or implied nor should be inferred regarding the accuracy of the information. The user is responsible to competently test the product and determine the quality and suitability for their intended use. 1K2K Dosing and Dispensing Private Limited assumes no liability regarding the handling and use of this product.