



4X Roto Head Automatic Tangential Following

This function will automatically keep the dispensing tip perpendicular to the contours regardless of the geometry.

- Works with simple 2D files
- Automatically controls 4th axis
- No programming required
- Just choose “Inside”, “Outside” or “Online”
- Simply disable when not needed
- Real time brushless servo control

Just import a CAD file and enable this feature. No programming experience or 3D motion information is required.

The valve will pivot and constantly correct itself to maintain it's perpendicular (or other) orientation to the dispense path pattern.

This feature may be used on any geometry including arcs, corners, circles, etc. Includes vector file importer: DXF, PLT, G Code, etc.

Machine Tool Quality Construction

- Universal Valve Mount (quick change)
- 3 Axis Fine Adjustments
- Large 55mm (dual) Ball Bearings
- 1.63 Diameter Hollow Center for hose / cables
- Rotation Monitoring for Hose Management
- Pre-Loaded Drive System
- Homing / Indexing Integrated Sensors
- 0 to 45 Degree Infinite Adjustment Angle
- “Tip on Center” Pivot
- Fits all DW Inc RG, RP, RD & MG machines

Below DXF example file imported from ACAD:

