



TRAINING SYLLABUS

DAD3220/3230/3430 MAINTENANCE 1

Intended Trainees	A member of the organization which owns (or will own) the applicable machine, and: <ul style="list-style-type: none">• who has already completed the "Operation" course (or has equivalent operation skills)• who conducts periodic maintenance of the machine
Course Objective	To enable trainees to safely and precisely perform the periodic maintenance and consumable parts replacement described in the Maintenance Manual of the machine
Day 1	Orientation Introduction of Training Center facility/staff and schedule Identify the Safety Precaution for Maintenance Personnel Identify the Meanings and Locations of the Hazard Labels Identify Potentially Hazardous Areas and Ways to Avoid the Hazards Identify the EMO Switch Identify the Interlock Mechanism Release the Cover Lock under EMO Status Identify the Power Circuit Breaker Carry Out LOTO for Safe Machine Maintenance Identify the Structure of the Major Machine Sections Identify the Air Spindle Structure Identify the Porous Chuck Table Structure Set up the Passwords/User Define Data Screen Adjust the Air Pressure Sensor Set the Vacuum Pressure Sensor Thresholds Replace the Chuck Table Execute the Focus Maintenance Execute the Rotation Alignment Utilize the Digital I/O Check Function Utilize the Axis Operation Function Set up the Maintenance Scheduler Set up the Function Data Maintenance Screen Clean the Cutting Room Clean the Spindle Front Cover Section Clean Spindle Coolant Water Path

	<p>Clean Vacuum Ejector</p> <p>Clean the NCS Sensor</p> <p>Adjust the NCS Sensor Amplifier</p> <p>Clean the BBD Sensor (Optional Accessory)</p> <p>Adjust the BBD Sensor Amplifier (Optional Accessory)</p> <p>Perform X-axis Greasing (Only for DAD3220/3230)</p> <p>Perform Y-axis Greasing</p> <p>Perform Z-axis Greasing</p> <p>Inspect the Flange / Wheel Mount Wobbling Accuracy</p> <p>Perform the Flange/Wheel Mount Conditioning</p> <p>Inspect and Adjust the Wheel Cover Nozzle Position</p> <p>Inspect and Adjust the Cutting Room Partition Height</p> <p>Replace the Air Clean Unit Consumables</p> <p>Replace the Halogen Lamp</p> <p>Replace the Spindle Carbon Brush</p> <p>Replace the Microscope LED Light</p> <p>Replace the Spindle Waterproof Plate</p> <p>Replace the Spindle Coolant Water Flow Rate Sensor</p> <p>Replace the Solenoid Valves</p> <p>Replace the Wheel Coolant Water Flowmeter</p> <p>Replace the X-axis Bellows</p> <p>Replace the Chuck Table O-ring/Seal/V-ring</p> <p>Replace the Cutting Water Flow Controller (Optional Accessory)</p> <p>Q & A</p> <p>Closing</p> <p> Issuing training certificate</p> <p> Request for filling in questionnaire sheet</p>
<p>Day 2</p>	<p>Perform X-axis Greasing (Only for DAD3220/3230)</p> <p>Perform Y-axis Greasing</p> <p>Perform Z-axis Greasing</p> <p>Inspect the Flange / Wheel Mount Wobbling Accuracy</p> <p>Perform the Flange/Wheel Mount Conditioning</p> <p>Inspect and Adjust the Wheel Cover Nozzle Position</p> <p>Inspect and Adjust the Cutting Room Partition Height</p> <p>Replace the Air Clean Unit Consumables</p> <p>Replace the Halogen Lamp</p> <p>Replace the Spindle Carbon Brush</p> <p>Replace the Microscope LED Light</p> <p>Replace the Spindle Waterproof Plate</p> <p>Replace the Spindle Coolant Water Flow Rate Sensor</p> <p>Replace the Solenoid Valves</p> <p>Replace the Wheel Coolant Water Flowmeter</p> <p>Replace the X-axis Bellows</p> <p>Replace the Chuck Table O-ring/Seal/V-ring</p> <p>Replace the Cutting Water Flow Controller (Optional Accessory)</p> <p>Q & A</p> <p>Closing</p> <p> Issuing training certificate</p> <p> Request for filling in questionnaire sheet</p>
<p>Note</p>	<p>The specification of the DAD3220/3230/3430 varies according to the customer in terms of function and accessories. For this reason, please note that the machine to be used in the training may not have the same specifications as your machine and may not be equipped with the optional accessories that your machine has.</p>