



**AUTOMATIC TOOL & CUTTER GRINDER  
MACHINE  
MODEL: GT2026 ADVANCE**

# PRODUCT SPECIFICATION & KEY FEATURES – GT2026 ADVANCE

This model supports sharpening for 5 tool types: chamfering tools, drill bits, end mills, corner radius end mills, and ball-nose end mills, with optional accessories for parabolic drills, single-flute end mills, sheet metal drills, and PM drills.

The water-cooled grinding process significantly enhances tool surface finish and extends the grinding wheel's service life. Its fully enclosed housing design ensures a pollution-free grinding environment.

DESCRIPTION	MODEL GT2026 ADVANCE
End Mill Corner Radius End Mill Diameter Range, Flutes Option	4-20mm, 2/3/4 Flutes
Drill Bit Diameter Range, Angle Option	4-20mm, 120°, 140° Optional
Ball Nose Diameter range	R2, R3, R4, R5, R6
Rated Tool Length	≥60mm, Hollow Core Holder
Compatible Material	Tungsten steel, Carbide, HSS
Grinding wheel Standard	Electroplated SDC 2 pieces
Overall Dimension (LxWxH)	900mm*600mm*920mm
Cabinet Dimension (LxWxH)	900mm*600mm*600mm
Net Weight (Machine and Cabinet)	Apprx 154.4kg + 61kg

## STANDARD TYPES



End Mill



Corner Radius End Mill



Drill bit



Ball Nose Mill



Chamfer Cutter



## CUTTING EDGE ADVANTAGE

1. Unlimited Capacity: Through-spindle extended design on all models accepts tools of any length.
2. Operation-Ready Safety: Integrated dust extraction system is included as standard for a cleaner, safer workspace.
3. Future-Proof Flexibility: Standard Configuration Supports 5 Tool Types; Grinding Capabilities are Continuously Expandable and Updated.

## ELECTROPLATED SDC/CBN



45° Bevel Angle Flat Wheel

Power: 2.5KW

Grinding Wheel : 124x10x32mm

Wheel Speed : 2500rpm

Sharpening Sped : 1-5 min/ piece

Wheel Lifespan: 1,500-2,000 pieces (for 6mm end mills)

## MAINTENANCE AND CARE

1. Dust Prevention: Remove dust buildup from dust-prone areas daily. Lubricate the collet threads after each day's use to ensure smooth operation.
2. Clean the worktable surface daily. Perform regular cleaning of the water tank to maintain hygiene. This practice helps prolong the service life of the equipment.

## OPERATING STEPS



Tighten the collet with a wrench, leaving 20–30mm of the cutter exposed.



Press start to begin grinding.



Automatic Length & Angle Recognition



Automatic Grooving & Edge Refinement



1–3 Minutes to Restore Cutter to New Condition

## ADDITIONAL FEATURES



Swing Door at Back for:  
1. Easy maintenance  
2. Changing coolant



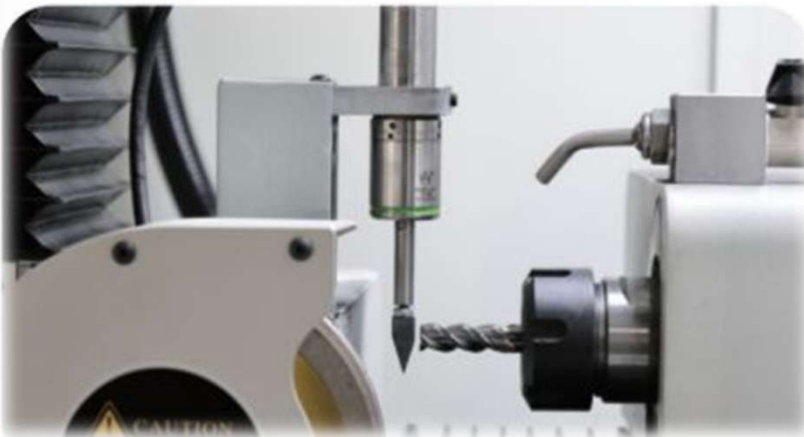
Limit Switch for safety.



Emergency Button at right  
controller position



Hanging power supply and  
support block – firmly  
organized



Advantages of the probe:  
Higher sensitivity, improved accuracy  
and speed, reduced errors, thereby  
increasing grinding efficiency and  
shortening machining time

4 unit Heavy Duty Castor for easy  
movement

