

A man with a beard and glasses, wearing a dark blue polo shirt and light-colored trousers, is operating a large industrial machine. The machine is white and black, with a prominent white motor on top. The man is leaning over the machine, adjusting a component. The machine has a wooden top surface and various mechanical parts, including a blue coiled hose and a black lamp. The background is a plain, light-colored wall.

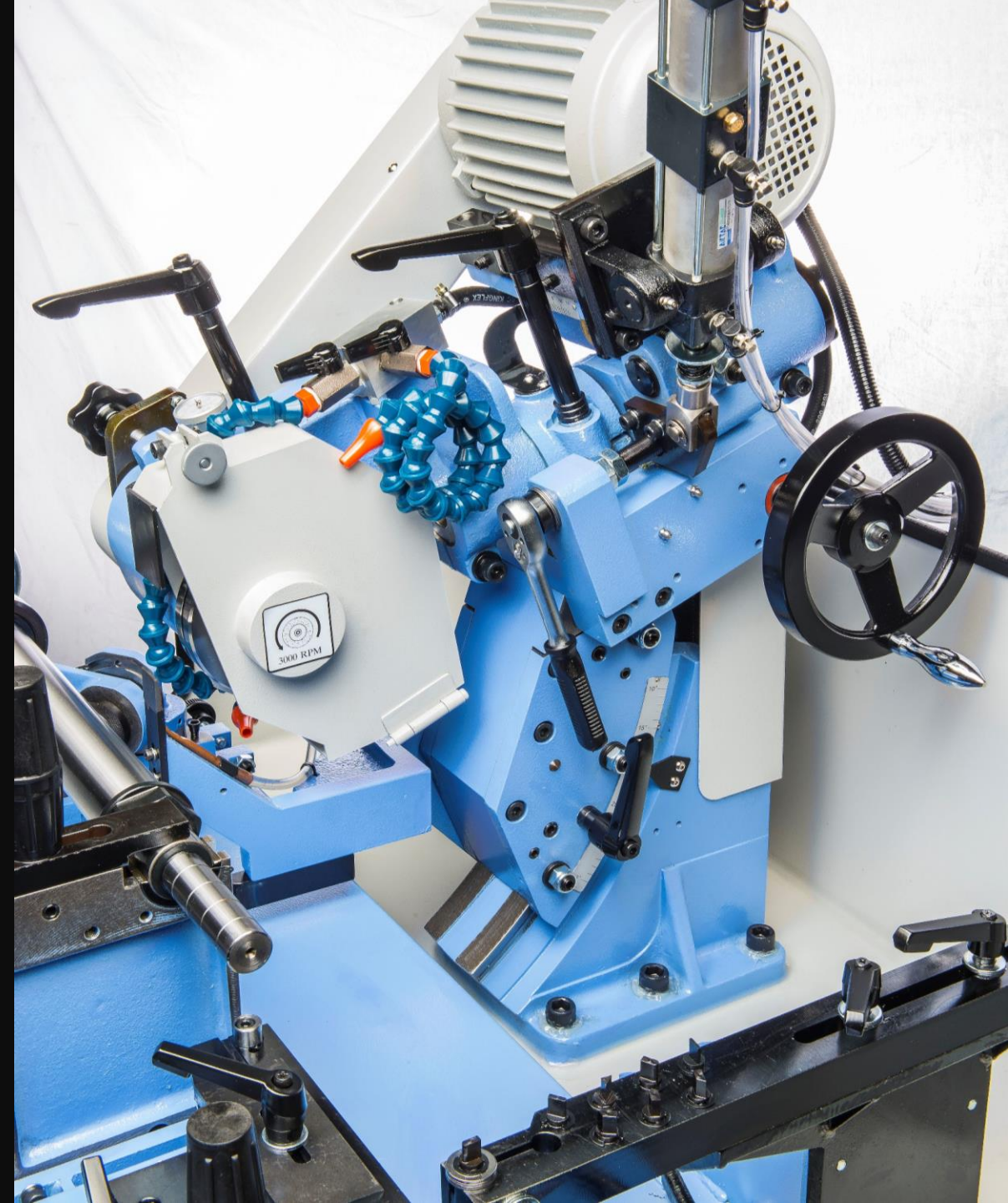
# KENTWOOD G SERIES

KENTWOOD

# G330X

---

- Manual Copy Grinder
  - Manual wheel forward/reverse adjustment
  - Pneumatic wheel tilt adjustment
  - Manual wheel grind angle adjustment
  - Integrated coolant tank w/baffle and filter
  - Integrated storage cabinet
  - Adjustable arm rest
  - Table mounted diamond dresser
  - Table locks with micrometer
  - Clean up hose with nozzle
  - Quick change hubs
  - 20W work lamp
- 





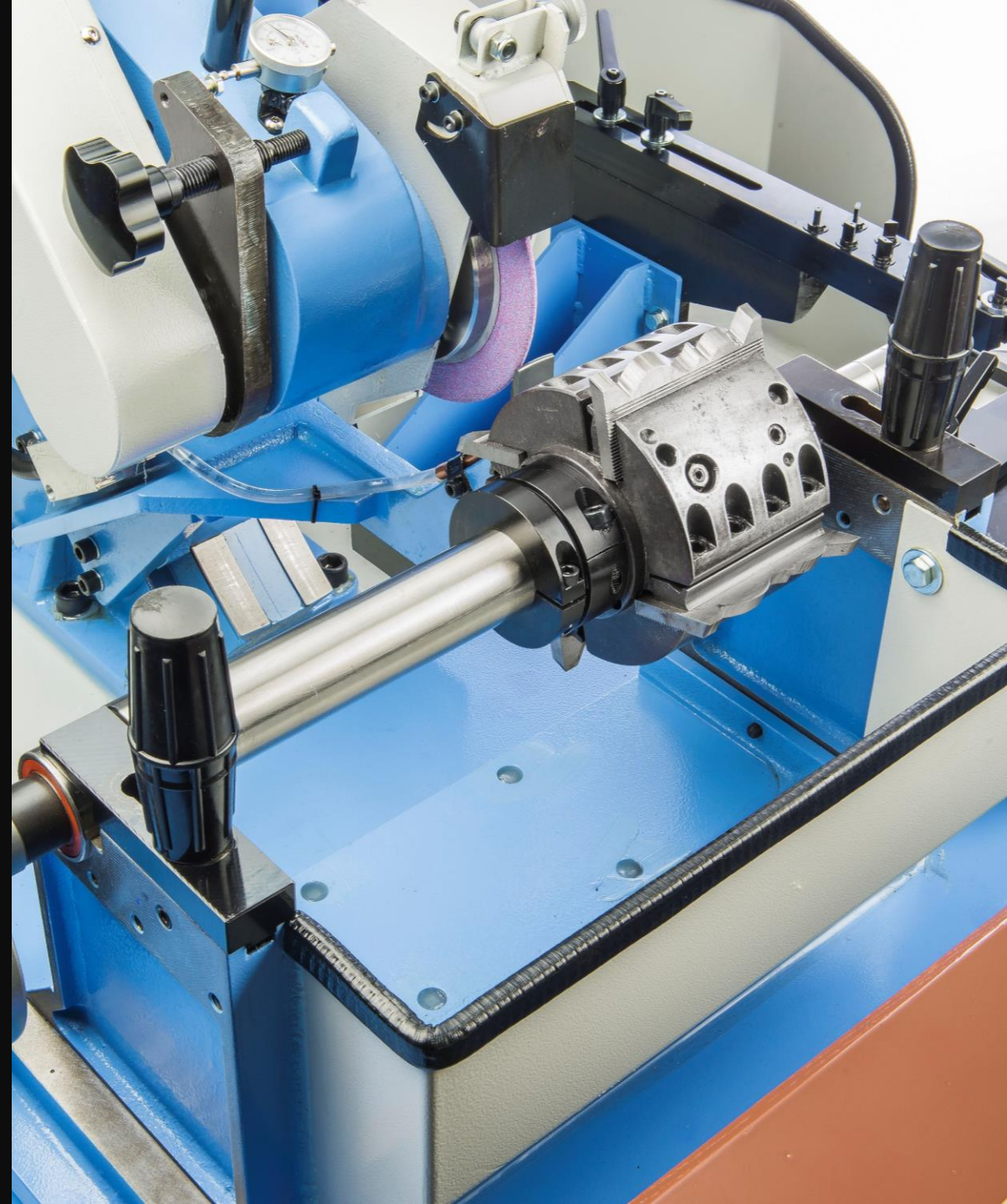
# Capacities

---

- Max length cutterhead: 320mm (12.59")
- Max cutting diameter: 350mm (13.7")
- Min cutting diameter: 70mm (2.75")
- Max depth of profile: 40mm (1.57")

Main motor	2HP
Coolant motor	1/4HP
Weight	650kgs (1433lbs)

---



# Table Mounted Dresser

- Fast, accurate wheel dressing
- Accurate wheel gap gauging
- No covers to remove
- No machine stoppage to engage
- Adjustable wheel gap adjustment
- Diamond dresser with micrometer

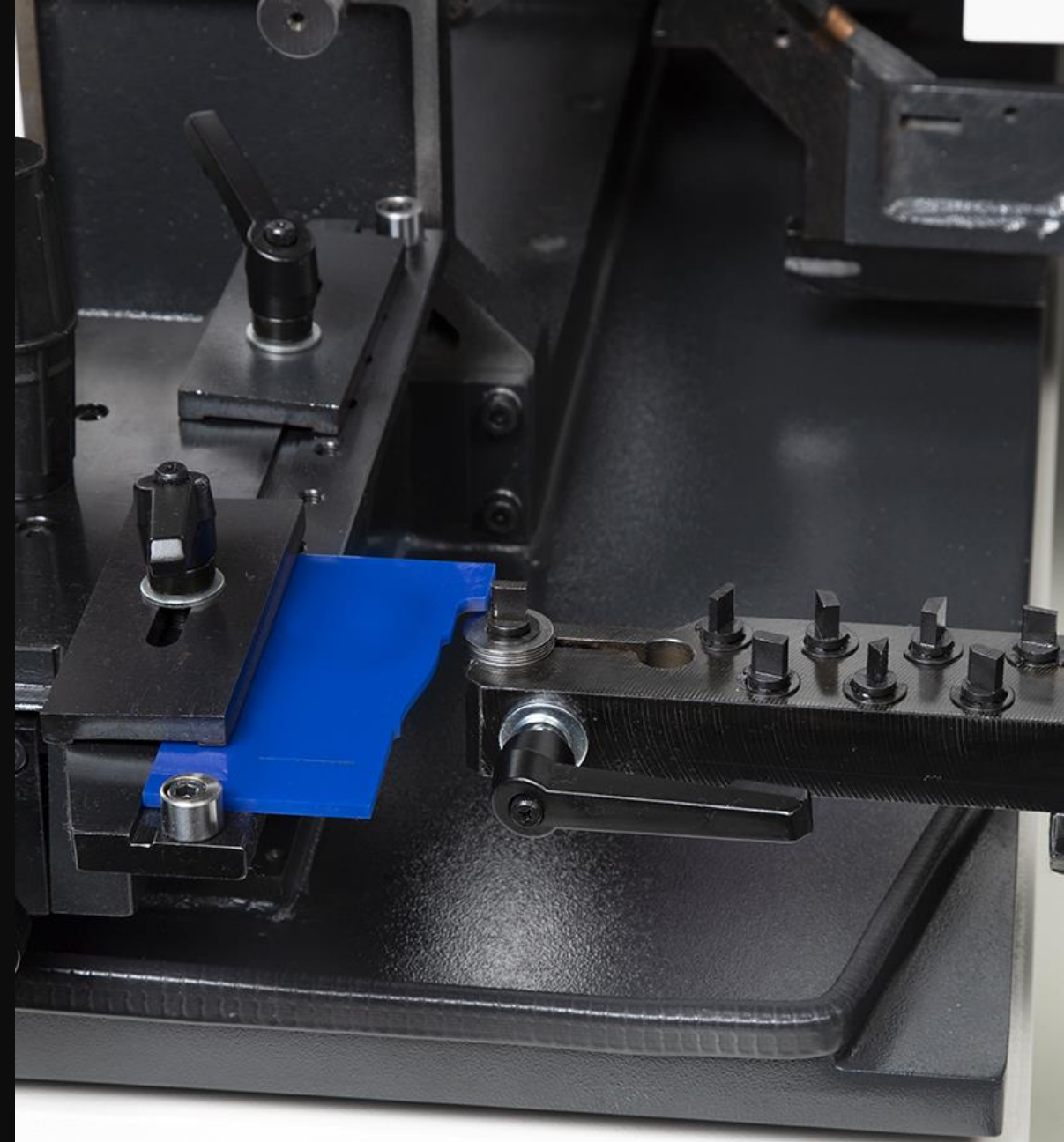




# Multi Styli Turret

---

- Fast adjustment to template
  - Fast styli change
  - Included styli
    - 4.7mm x 5pc
    - 4.0mm x 1pc
    - 3.0mm x 1pc
    - 2.0mm x 1pc
- 



# KENTWOOD

## Rail & Bearing Carriage

- Supports heavy weight tooling, allowing them to move with ease
- Easy, smooth movement on chrome linear rails and ball bearings
- Integrated table clamps
- Integrated micrometer for straight tool grinding (no template)



## Coolant Tank

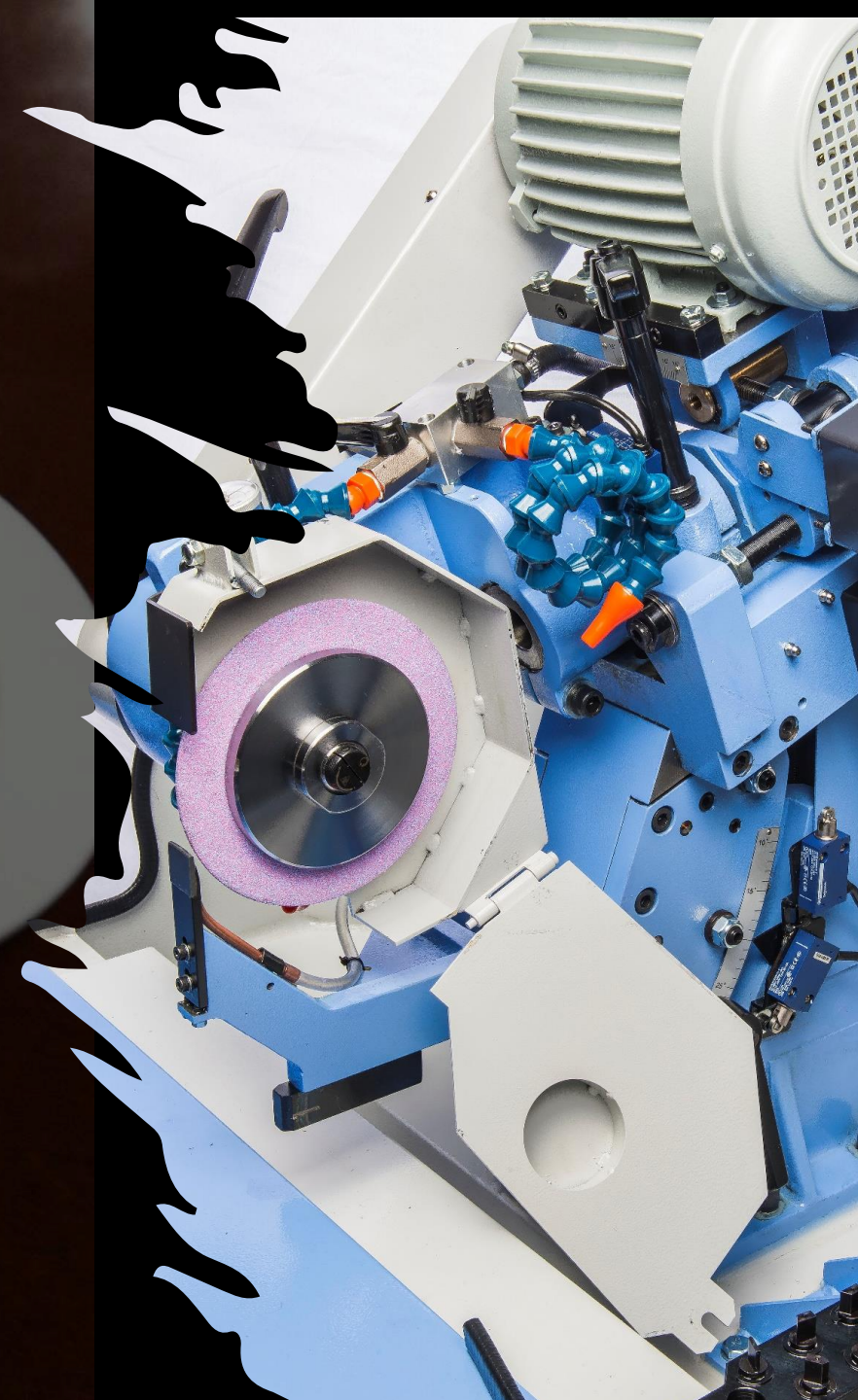
- Capacity Max/Min
- Integrated baffle
- Removable filter screen tray

36/18L



# Grinding Wheel

- Wheel diameter 230mm
- Wheel bore 60mm
- Wheel RPM Variable 1500-3000RPM
- Belt drive to wheel arbor
- Analog clock for wheel lateral arbor adjustment
- Carbide tool rest with integrated coolant nozzle
- Quick change wheel hubs (3pcs)
- ProLok wheel clamping

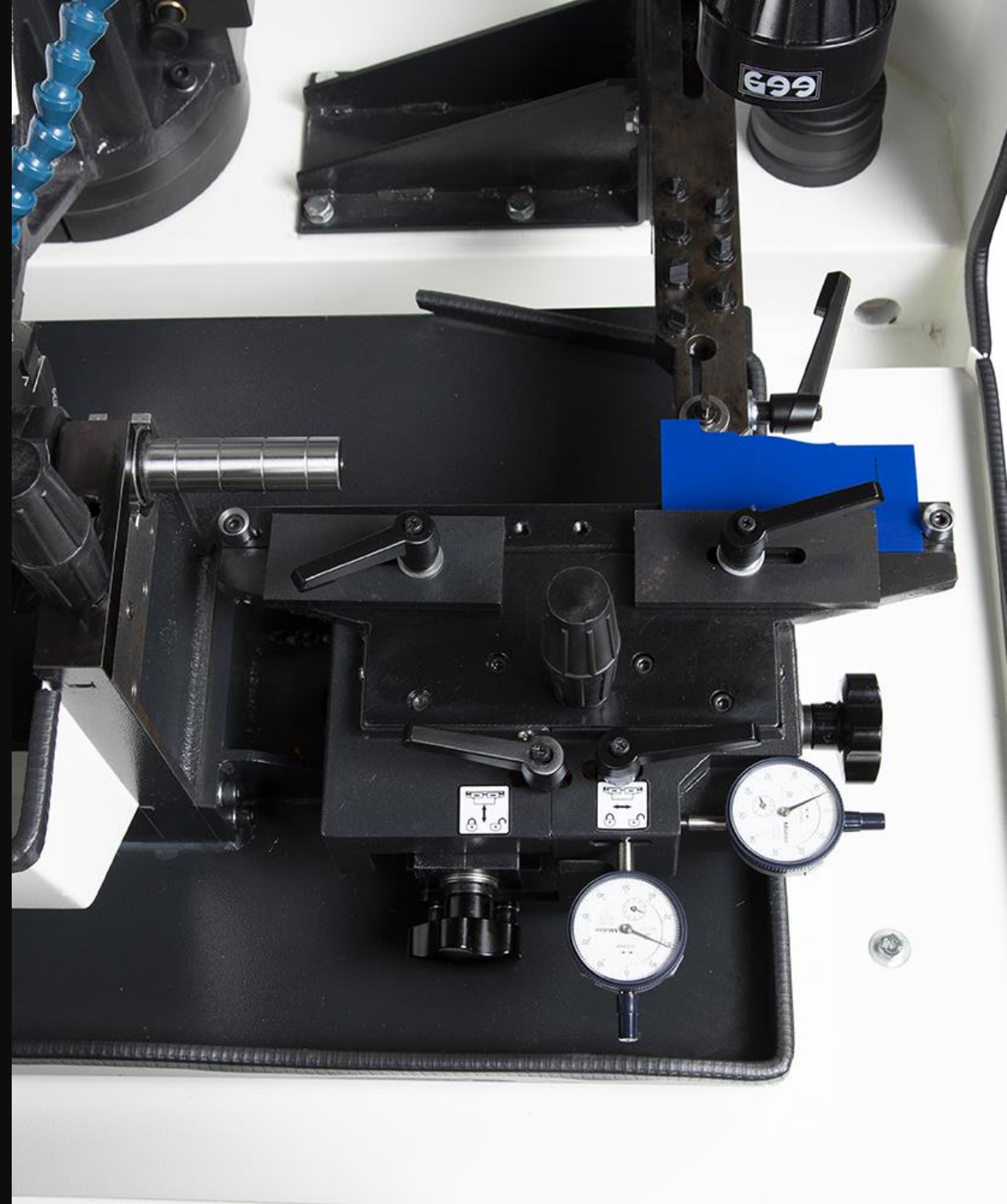




# Template Holder

---

- Full 12" inch clamping area
  - Axial constant stops
  - Analog clocks for precise template adjustment
- 



# Storage Cabinet

Integrated machine storage  
for tools, wheel rack, and  
other accessories







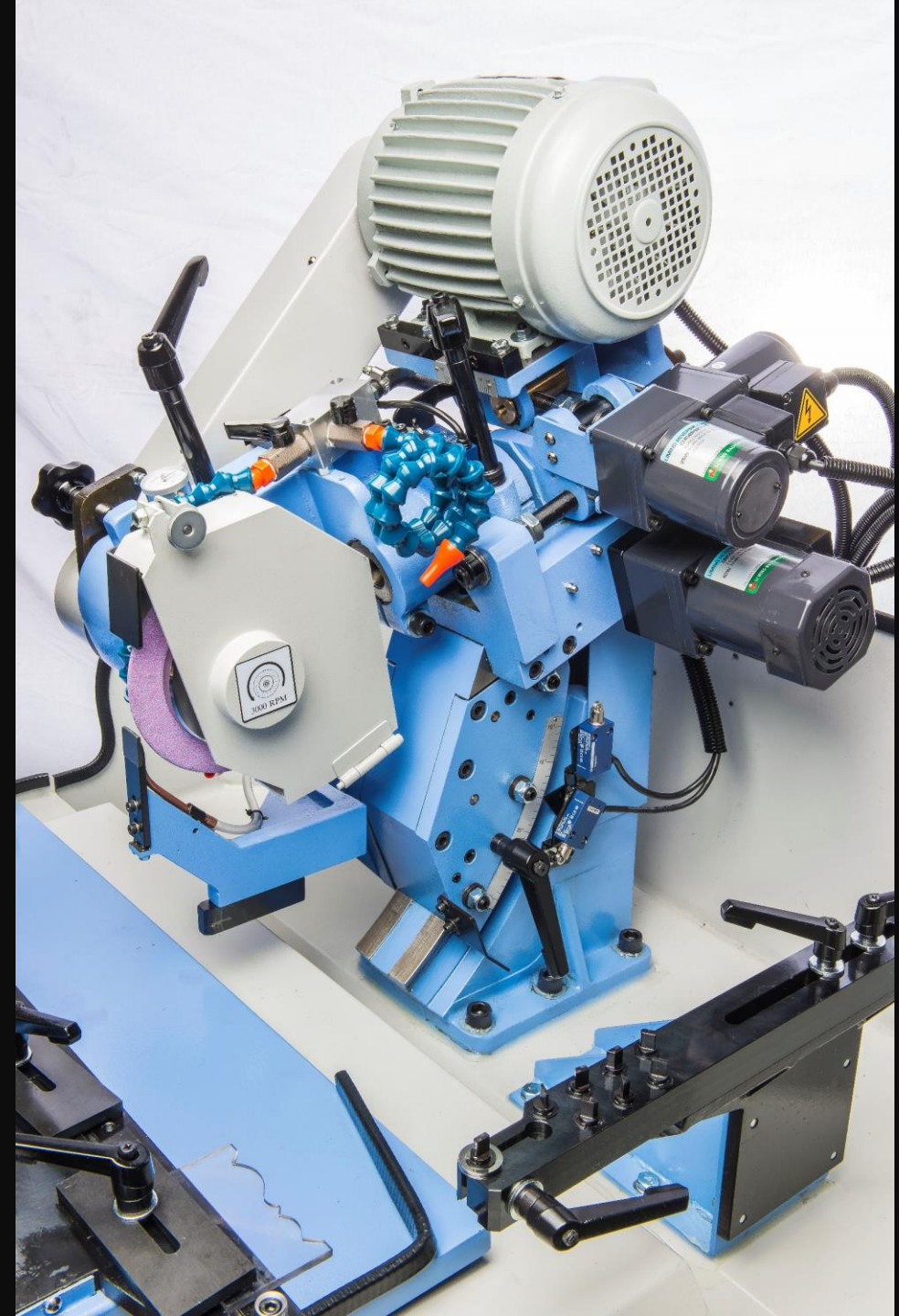
# G330XT

- Same features as G330X plus
- Powered wheel tilt adjustment
- Powered wheel angle adjustment
- Powered wheel advancement
- External coolant tank
- Pedestal operator control

# Comfort Package

---

- G330XT Only
  - Motorized grinding wheel angle adjust
  - Motorized grinding wheel tilt adjust
  - Motorized grinding wheel advance adjust
- 





# External Coolant Tank

---

- 120V secondary pump out motor
  - Pump out hose with nozzle
  - Caster wheels for easy movement
  - Integrated filter tray
  - Sight gauge
  - Best use for switching between carbide and high-speed steel grinding. Suggest one tank for each type.
- 



# Pedestal Control

---

- G330XT Only
  - Ergonomic eye level control panel
  - Electronically variable wheel RPM control
  - Electronic, hold to run, controls for:
    - Grinding wheel angle adjustment
    - Grinding wheel tilt +/- adjustment
    - Grinding wheel advancement adjustment
- 






# G650X

- Twin Grinding Centre
  - Dedicated Profile tool station
  - Dedicated Straight tool station
  - Fast station changeover with rotation. Automatic transfer of power and plumbing





# G650X

## Dedicated Straight Knife Grinder Benefits:

- ❖ Allows grinding of the surface to be flat not cupped. Resulting in a stronger edge providing longer run times.
- ❖ Allows the knife to be ground very close to the tool bottom. Resulting smaller cutting circle provides improved performance at higher feed speeds as control elements can get closer to the cutting area.
- ❖ Nearly ½” inch of more knife is grindable before removing and advancing knife. Saves time and tooling cost.





# G650X

## Dedicated Profile Knife Grinder Benefits:

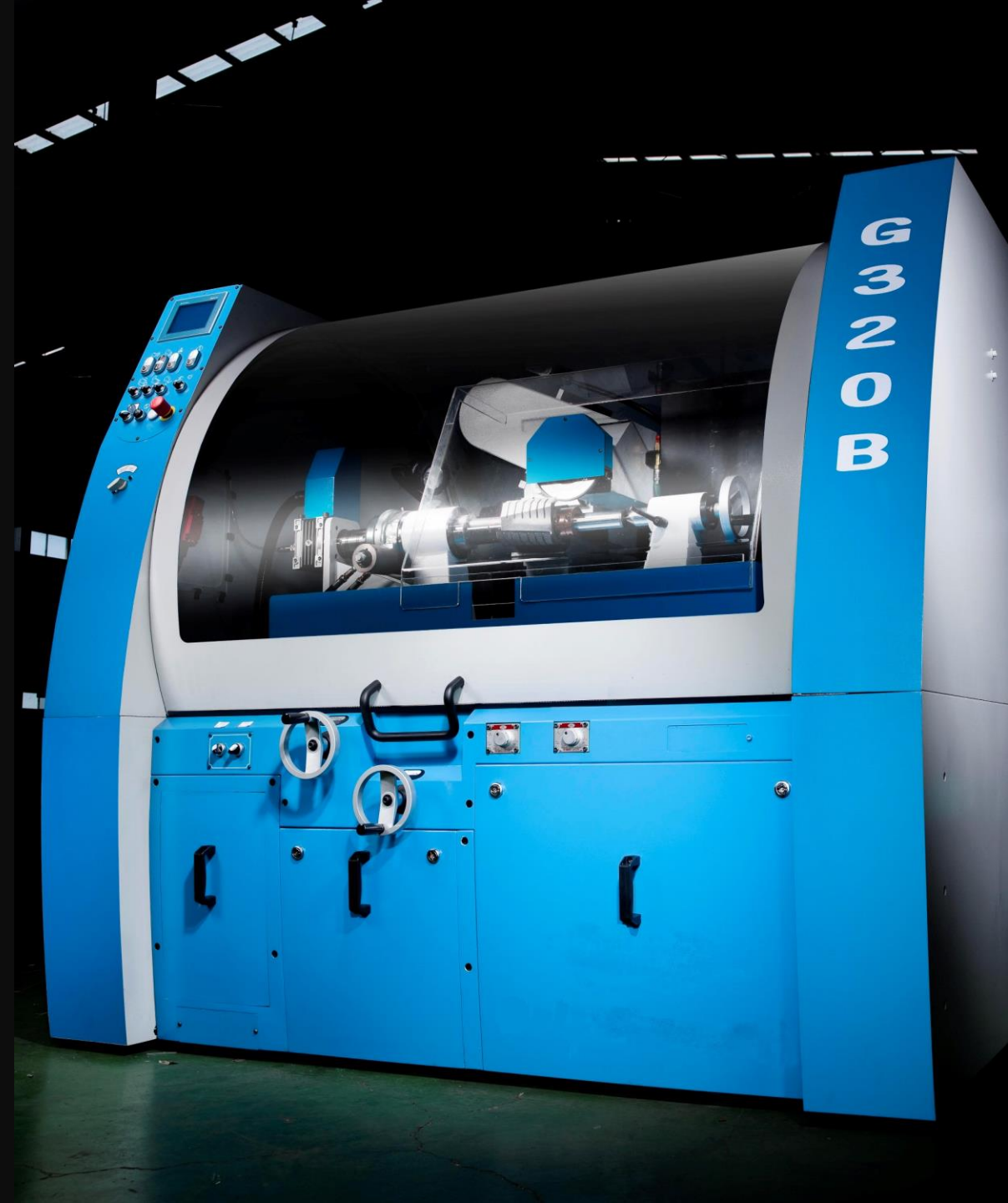
- ❖ Rotation of turret 90° degrees, provides dedicated profile tool grinder.
- ❖ All benefits and features as with X series
- ❖ Motorized wheel tilt adjustment

# G320A/B

---

## Fully Automatic Grinding Center

- G320A is for straight knives only
  - G320B is for straight knives and solid profile tool types
- 





# G320B

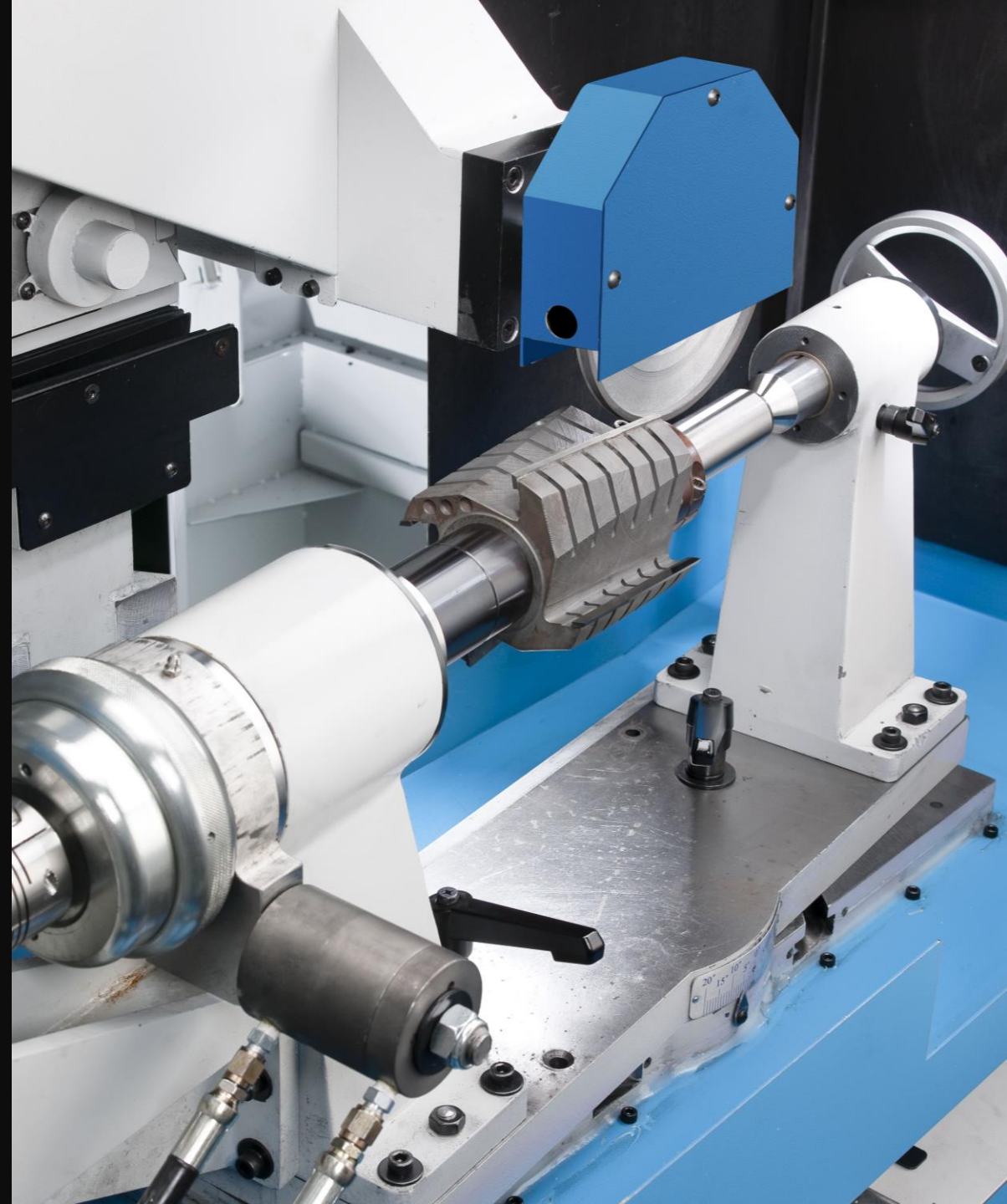
---

Shear tool cutting ability

Carriage can rotate to manage shear angled tools.

HSK tool hub adapter is optional

---





# Tooling

Stiles Tooling can provide tool steel, tool bodies, tool room equipment and accessories.