

# 465 Automated Rotary Blade Grinder



*The Fast And Easy Choice  
For Productivity, Flexibility, and More!*





# 465 Automated Rotary Blade Grinder

**Safety Enclosure Guard System:**  
An enclosed cabinet design minimizes the workshop grinding dust and small particles that are dispersed in the air during the grinding process.

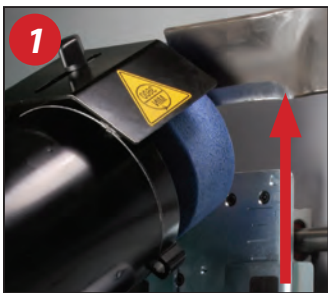
*If you have been looking for a speedy, more productive process to grind your rotary blades, look no further than Foley United's 465 Automatic Rotary Blade Grinder.*



# 465 Automated Rotary Blade Grinder

Foley United's NEW 465 Automated Rotary Blade Grinder is the most innovative product to enter the Turfcare Industry in years! The enclosure system for dust and noise, time savings, and the ability to reproduce the OEM grind surface are only a few of the many benefits that the 465 offers. The unique design of the 465 features automated infeed cycles and a built-in blade balancing system that makes the grinding process safer and more efficient than ever thought possible!

While the OEM's recommend grinding every eight to ten hours of use for maximum engineered performance, the 465 will reduce your labor, will reduce your effort, and provide the best grind possible for your cutting unit investment. More stress on hydraulics, added strain on your engine, and increased fuel consumption is typical when blades are not sharpened regularly. So, if you are interested in elevating performance, increasing cut quality, and being more productive, step up to the latest technology of Foley United's new 465!



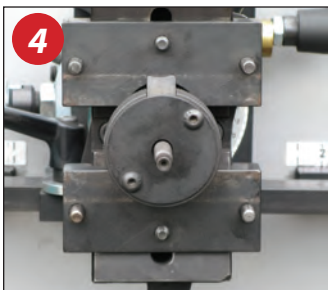
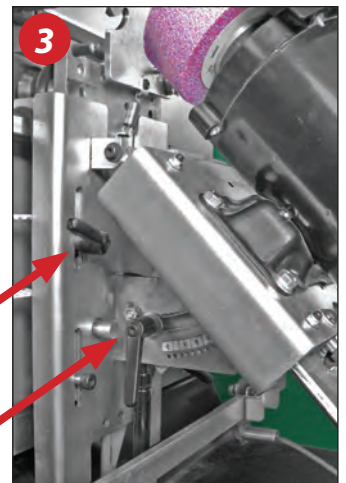
**OEM End of Grind Blend Radius:** A key feature of the 465 is an ability to produce the blend radius that is engineered into all new blades. This unique patented feature minimizes blade stress that can be common with other rotary blade grinding systems and produces a blend-out that is consistent, safe, and effective.



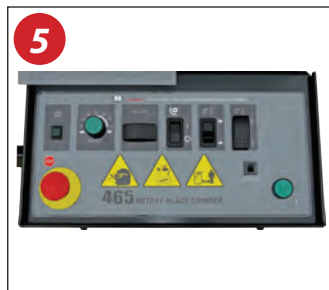
**Built-in Blade Balancing System:** This one-and-only blade balancing design features a lever release that allows for the heavy end of the blade to drop, and when relocked, grinding more on the heavy end is easily done to produce a properly balanced blade.

**Height Adjustment Feature:** This design allows the grinding head to be adjusted to provide clearance with the various airfoil "lift" designs on the rotary blades.

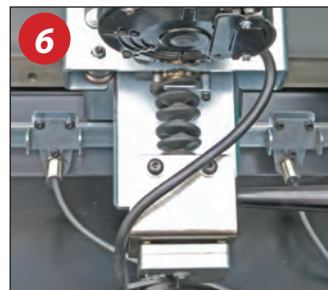
**Angle Adjustment Feature:** A pivot design allows for angle adjustments to match the OEM specification for the correct grind angle.



**Center Hole "Quick Connect Cone":** With the push of a button, a cone-shaped mount slides on a threaded stud to securely mount the blade's center hole in the mounting fixture.



**Control Board:** Intuitive design allows for fast set-ups and simple operation. Calibrated automatic in-feed control allows the operator to set it and forget it.

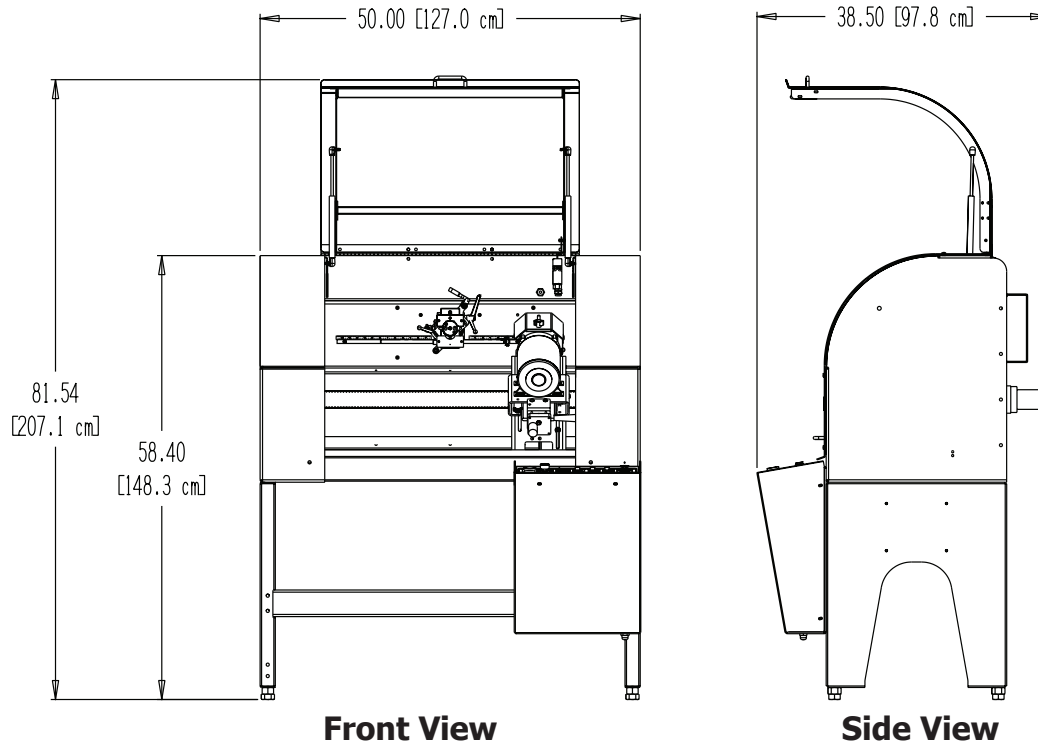


**Proximity Switches:** Durable traverse proximity switches are easily positioned to control the length of travel for the grind area. These allow for the fast repetitive set-up for identical blades, producing a perfect consistent grind each and every time.



**Blend Radius Relief Slide Bar:** The measuring decal associated with the relief slide bar makes the set-up process extremely fast. This is one of the many features that makes the repeatability of set-up so easy, reducing the amount of time to change from different blade types to mere seconds.

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## **Specifications**

Part Number.....4650901  
Weight.....430 lbs (195 kg)  
Height.....58.4" (148.3 cm); 81.54" (207.1 cm) door open  
Width.....50" (127 cm)  
Depth.....38.5" (97.8 cm)  
Power.....115 vac, 50/60 HZ, single phase, 10 AMP  
Grinding Motor.....1/2 HP TENV, 3450 RPM 50/60 HZ  
Traverse Motor.....1/20 HP DC variable speed gearmotor  
Max. Rotary Blade Length.....34"

## **Standard Features**

- 5" (127 cm) diameter cupped grinding wheel
- Patented relief and relief radius system
- Structurally engineered steel frame
- Safety guarding standard
- Automatic grind control system

## **Optional Equipment**

Step down transformer (220V/115V)  
Order part number 4650951

Specifications subject to change without notice.



*Setting the Standard with the  
World's Most Valued Grinders.*

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