

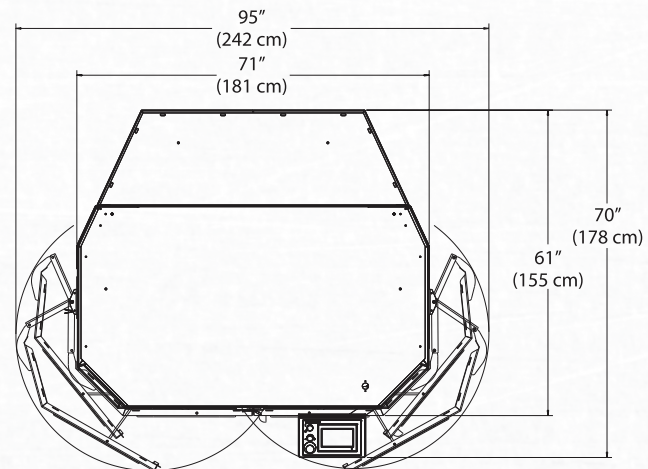
# >>653 ACCU-MASTER SPIN/RELIEF REEL GRINDER



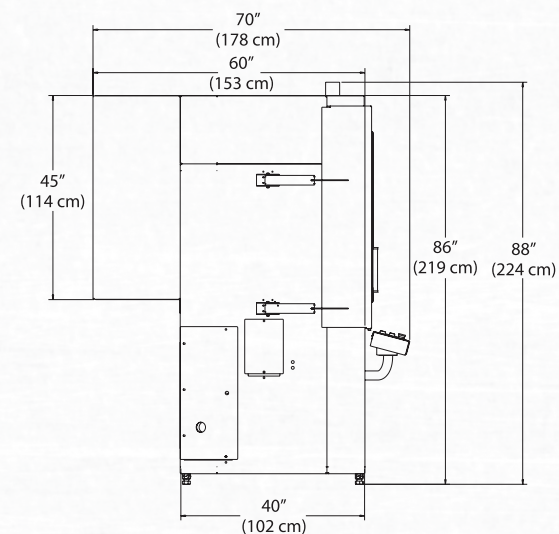
## SPECIFICATIONS:

Part #	6530911
Power	115v, 50/60 cycle, Single phase, 20 amp
Weight	1,720 lbs. (780 kg)
Grinding Wheel	Spin 5" x 1" (127 mm x 25 mm) Relief 5" x 3/8" (127 mm x 10 mm) Spin 3.5" x 1" (89 mm x 25 mm) Relief 3.5" x 3/8" (89 mm x 10 mm)
Carriage Base	1 HP AC grinding motor, totally enclosed, fan-cooled, 3450 RPM; Cogged traverse belt with 38" travel capacity; Two 1.000 +/- .00025 ground/polished steel shafts; 90 Volt DC traverse motor

## DIMENSIONS:



TOP VIEW



SIDE VIEW

## STANDARD FEATURES:

- ACCU-Touch 3 Control: Automated in-feed cycles for Spin and Auto-Index Relief Grinding
- Completely enclosed guarding with electrically inter-locked retractable safety glass doors
- Counter-Balanced Spin Drive and 8, 9, and 11 Spline Reel Drive Adapters
- Automatic reel positions using the ACCU-Reel Selector, Front Roller Clamp, and Cylinder Height Stop
- Automated SPIN Speed and RELIEF Torque features with Pre-Programmed settings and Programmable memory
- Vertical and horizontal adjuster for precise carriage position and taper removal
- Internal Vacuum System collects dust and keeps shop area clean

## OPTIONAL EQUIPMENT:

- 220v to 110v Step-down Transformer
- Rear Access Door Model
- Electric Overhead Hoist for Front or Rear Load
- Workstation Table-Lift/Portable Workbench for rear load

Because Foley United is continually improving its products, specifications are subject to change without notice.



United in upping the game.

Phone: 1-715-426-5151  
Toll-Free: 1-800-225-9810  
[www.foleyunited.com](http://www.foleyunited.com)

Distributed By:



# 653

## ACCU-MASTER SPIN/RELIEF REEL GRINDER



>> FULLY-AUTOMATED SPIN/RELIEF GRINDER!



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# OPERATOR PREFERRED.

## ACCU-MASTER 653 SPIN/RELIEF REEL GRINDER



**ACCU-TOUCH 3 CONTROL** provides a step-by-step tutorial for new technicians and a quicker setup and spin grind feature for the more experienced operators. You tell the machine what you're working on and the machine does the rest. Pre-programmed spin speeds, relief torque, and infeeds are only a few of the new features found in the ACCU-Touch 3.

*Quality-of-cut and performance of your equipment is priority number one.*

*This is why we've engineered our 653 to grind however you want, so whether doing quick "touch-up" spin grinding or returning the reel to manufacturer specifications, nobody does either with more quality and efficiency than Foley United.*

### ACCU-Master 653 Offers:

**Automated Infeed Grind Cycles** for both the spin and relief grind process separates Foley United from all others! The ACCU-Touch 3 control innovations continue making grinding easier than ever.

**Two Minutes to Spin Grind** is all it takes when distinguishing technician time from grind time. Let the ACCU-Touch 3 do the work while you do something else.

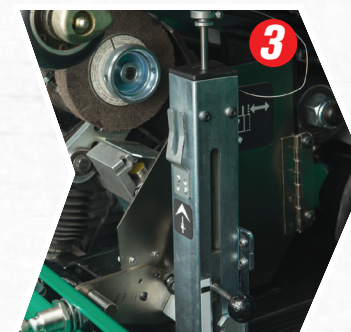
**Hands-Free Relief** is the feature that has courses around the world opting for grinders that do more than just spin grind. Foley United's automation of infeeds and the patented auto-index provides productivity and choice that other grinders don't.

**Automatic Placement** features the ACCU-Reel Selector and Cylinder Height Stop system that automatically locates the reel for a fast and easy placement to spin and relief grind in one set-up.

**LEARN MORE:** [www.foleyunited.com](http://www.foleyunited.com)



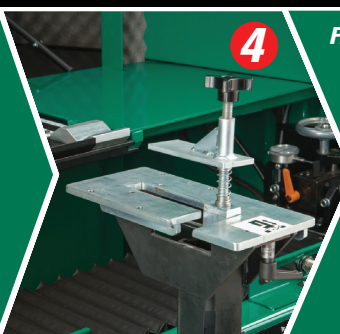
**ACCU-REEL SELECTOR** allows for easy adjustment of the rear roller v-mounts and automatically positions the reel based on reel make and diameter. The heavy-duty rear clamp is easily installed to secure the rear roller.



**CYLINDER HEIGHT STOP** is built into the gauging system and easily positions the reel height correctly for both the spin and relief grind processes.



**OPTIONAL REAR CANOPY DOORS** rugged doors easily slide open on rolling casters for rear loading. Load the reel from The Workstation table or use the electric hoist and load from the floor.



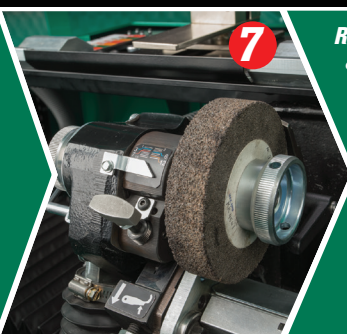
**FRONT ROLLER CLAMP** is adjustable to accommodate various rollers and groomers and the single clamp design moves up and down to set the height of the reel using the Cylinder Height Stop.



**COUNTER-BALANCED SPIN DRIVE** is easy to position and connect directly to the reel shaft, and the spin drive mounting system is easily moved from one side to another.



**ACCU-POSITIONING GAUGE** uses the touch-screen display and a "bubble-style" graphic, ensuring you're always grinding to a perfect cylinder.



**ROBUST GRINDING HEAD & RELIEF ASSEMBLY** provides accuracy that ensures a sharp edge in mere minutes when spin grinding, and includes a Relief Angle Adjuster that makes grinding correct angles easier than ever before.



**OPTIONAL ELECTRIC HOIST** provides an overhead crane that has the capability to load reels from the front or rear of the machine.