

>>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

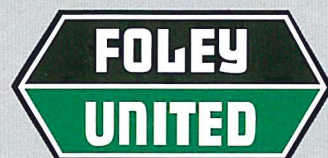
STANDARD FEATURES:

- 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:

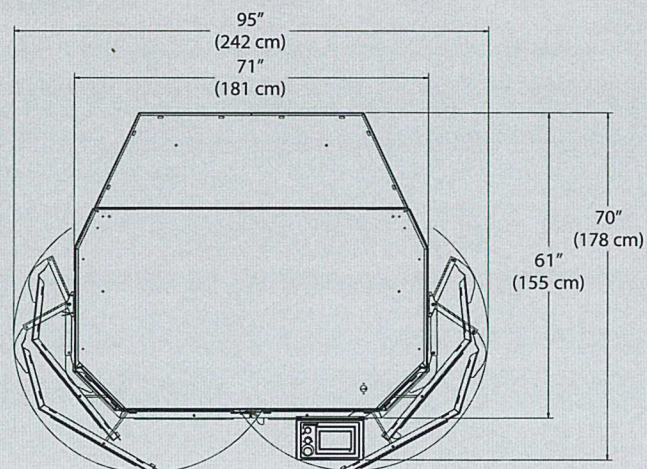
- 220v to 110v Step-down Transformer
- Rear Access Door Model
- Electric Overhead Hoist for Front or Rear Load
- Workstation Table-Lift/Portable Workbench for rear load

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

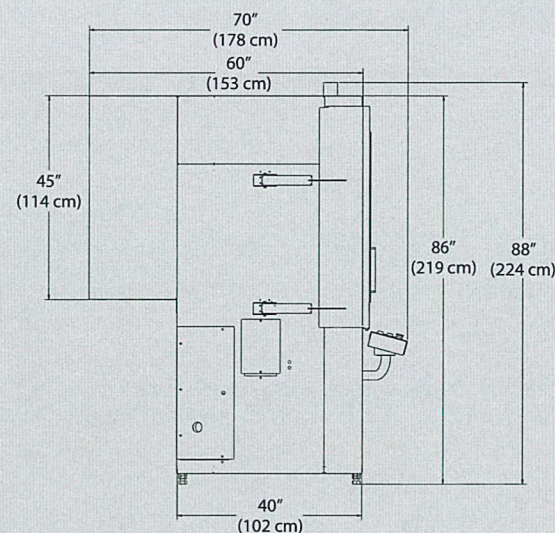


A Division of Foley-Belsaw
River Falls, Wisconsin 54022
www.foleyunited.com

DIMENSIONS:



TOP VIEW



SIDE VIEW

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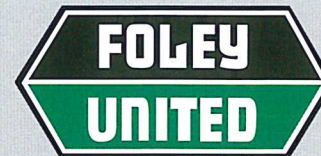
O.J. Compagnie

294 Rang St-Paul
Sherrington, Qc JoL 2No

514-990-2050 / 1-800-596-6886

www.ojcompagnie.com - info@ojcompagnie.com

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>> THE HIGHEST QUALITY GRIND IN THE WORLD JUST GOT EASIER!

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OPERATOR PREFERRED.

ACCU-MASTER SPIN /RELIEF REEL GRINDER

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 In-Feed 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.

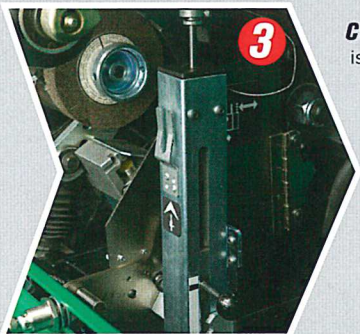
Hands-Free Relief is the feature that has courses around the world opting for grinders that do more than just spin grind. Foley United's automation of in-feeds and the patented auto-index provides productivity and choice that other grinders don't.

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.

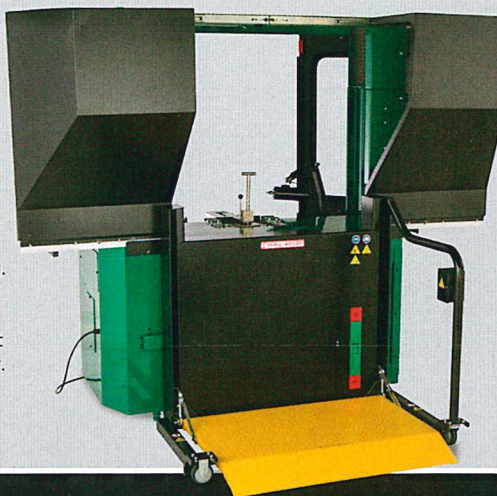
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ACCU-REEL SELECTOR allows for easy adjustment of the rear roller v-mounts and automatically positions the reel based on reel make and diameter. The heavy-duty rear clamp is easily installed to secure the rear roller.



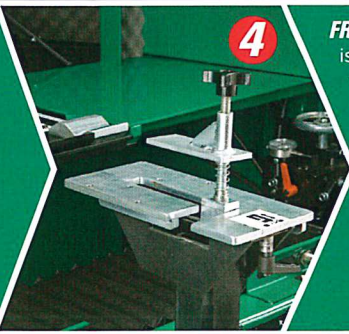
CYLINDER HEIGHT STOP is built into the gauging system and easily positions the reel height correctly for both the spin and relief grind processes.



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.



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 in-feeds are only a few of the new features found in the ACCU-Touch 3.



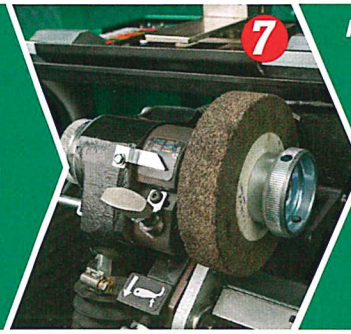
FRONT ROLLER CLAMP is adjustable to accommodate various rollers and groomers and the single clamp design moves up and down to set the height of the reel using the cylinder height stop.



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.