

**SIP**<sup>TM</sup>  
**SIMPLEX IDEAL PEERLESS**



## THE PEERLESS 7000<sup>TM</sup>

### THE WORLD'S FASTEST, EASIEST AND MOST PRECISE REEL GRINDER

**FASTEST.** In tests comparing all of the major manufacturers' grinders, the Peerless ground at least 2-3 times faster. The Peerless, with its unique grinding head and reel clamping design, can make heavier grinds with less vibration. And just because you can take heavy grinds doesn't mean you have to. This unique design also allows you to take very light grinds without grinding wheel hop or chatter.

**MOST PRECISE.** Only the Peerless can grind straight to within .001 inches and grind cylindrical and parallel within .002 inches. We can do this because of our revolutionary Total Parallel Grinding<sup>™</sup> and Reel Diameter Tape<sup>™</sup> measuring system.

**INNOVATIVE.** The new TorqueControl<sup>™</sup> Automatic Relief Grinding system allows you to choose the optimum grinding wheel width for the reel you are grinding so you can get the job done more quickly. The Peerless 7000 features adjustable legs so you can set the grinder to a comfortable operating height. It also features an automatic front door that opens and closes with the flip of a switch.

**GRIND YOUR WAY.** The Peerless 7000 lets you choose only the options you need. Options can be added when the grinder is purchased or at any time in the future.

# THE PEERLESS 7000™

## THE WORLD'S FASTEST, EASIEST AND MOST PRECISE REEL GRINDER

### OPTIONS



77575-01 TorqueControl™ Relief Grinding lets you automatically relief grind reels other manufacturers won't even attempt including all of the new high blade count reels.



77570-01 Automatic Spin Grinding In-feed will automatically in-feed the grinding wheel while spin grinding a preset amount. Great for one man shops.



76800-01 Digital Read Out of the grinding head in-feed makes it easier and more precise for setting up your reels.



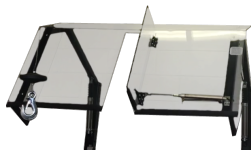
76900-01 800 This quiet and smooth electric over hydraulic lift table can lift over 800 pounds. It features wide movable forks and tilting ramps for easy cutting unit loading without lifting. This unit is compact making it very maneuverable.



79093-05 Ceramic Relief Stone will grind relief in half the time as a standard aluminum oxide stone.



77580-01 Full Shield



77581-01 Overhead Hoist Trap Door



77085-02 Dust Collector



77390-04 Extra Indexer Mechanism



76700-01 Electric Hoist



77017-01 Extra Reel Diameter Tape™



77322-01 Ground Driven Support Posts



77565-01 Extended 10 Year Warranty

### FEATURES

- The table is a single piece welded from 3/8 inch thick steel plate. It is precision machined to make the top parallel to the grinding head travel to within .002 inch.
- The track shafts are induction hardened, turned, ground, polished, and hard chrome plated for maximum durability and precision.
- The reel support rails are precision machined, case hardened, ground in sets, and hard nickel plated for maximum durability and precision.
- The patented Reel Diameter Tape™ is the only system that measures the actual taper of the reel instead of measuring from the reel shaft. This enables you to measure the reel to within .002 inches.
- Maintenance free pneumatics include a factory lubricated and sealed cylinder and a self draining filter regulator.
- The pneumatic chain clamps are versatile and easy to use.
- The polycarbonate front shield opens with the flip of a switch.
- The control panel is convenient, easy to use and out of the way.
- Single point in-feed eliminates alignment errors caused by dual end in-feed systems.
- The quick change hubs allow for fast change-over from spin to relief grinding and better protects the grinding wheels.
- The rear fence is fully adjustable and self aligning. The right post can be independently adjusted for fine tuning and is easily reset to parallel.
- Front loading allows you to place the grinder against a wall or in a corner for the best use of your floor space.
- Adjustable legs let you set the grinder to a comfortable height.
- Dual travel stops for spin and relief grinding minimizes change-over time. A third stop lets you control travel on conical reel.
- The one horsepower, totally enclosed-fan cooled grinding motor provides all the power you will need and is maintenance free.
- The one quarter horsepower, variable speed drive motor spins the reel to 600 rpm, most in the industry. It is also smart wired so that it always rotates in the correct direction.

### SPECIFICATIONS

- 35 inch carriage travel
- 6 x 1-1/2 inch spin grinding wheel
- Quick change grinding wheel hubs
- One horsepower TEFC grinding motor
- One-quarter horsepower TEFC, 0-600 rpm variable speed, DC spin motor
- Patented TorqueControl™ relief grinding with auto indexing
- Patented Reel Diameter Tape™ for measuring reels
- Maintenance free pneumatic carriage drive
- All welded 3/8 inch thick steel table
- Separate travel stops for spin and relief grinding with triple stop for conical reels
- Single point grinding wheel in-feed
- Hard chrome plated track shafts
- Hard nickel plated reel support rails
- Self aligning rear fence
- Easy front loading design
- Power open polycarbonate front shield
- 60 inches wide x 42 deep x 60-72 high
- 1,500 pound shipping weight

**SIP**  
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