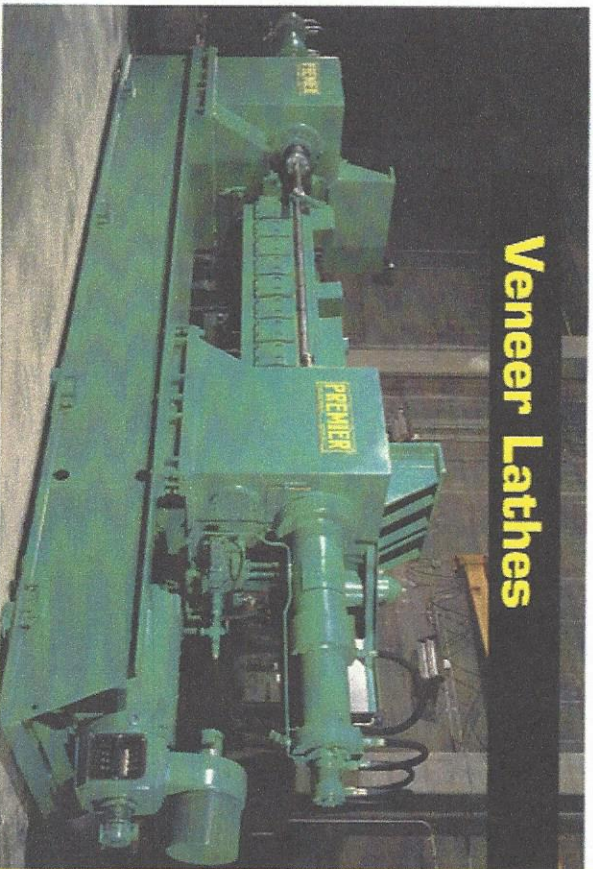




Premier Gear & Machine Works
Green End Services

Veneer Lathes



TURN TO THE BEST.

For a lathe that increases production, improves quality and boosts your bottom line, turn to PREMIER. Because PREMIER lathes are built better to last longer and outperform any other lathe on the market.

PREMIER never compromises on materials, construction or design. Plate and cast steel, high tensile alloys and solid bronze create a lathe you can stake your business on—shift after shift, week after week, year after year.

Wear members are faced with replaceable, anti-friction composition surfaces for long life, and quick maintenance that can be performed by mill personnel.

And every PREMIER lathe is custom designed and available with a full line of computer-matched green end components including the PREMIER X-Y Charger System, 1/4 635 Roller Bar, and SteadyRider Back Roll.



Call for a quotation:
503/227-3514
Fax 503-227-1611



Premier Gear & Machine Works
Green End Services
1700 N.W. Thurman St.
Portland, Oregon 97209



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Construction and operating features

- Pedestal**—Heavy steel plate.
- Quills**—Machined cast steel, mounted in oversized spherical roller bearings. Each quill has two internal, easily-replaceable heavy-duty bronze bushings which support the outer spindles.
- Inner and Outer spindles**—All alloy steel, inner and outer spindles are driven by high-tensile alloy keys and splines. Keys, splines and bushings are easily replaceable.
- Carriages**—Rigid steel cast with spill top for fast knife bar assembly removal.
- Knife Bar assembly**—Combined cast and steel plate with structural bracing. Turnions with heavy-duty bronze bushings allow full retraction of up to 12-inch diameter outer chucks. Control console knife angle adjustment of plus or minus 3 degrees from manually preset center.
- Pressure cap**—Machined from cast and plate steel, mounted on cast iron wedges and secured by adjustable gibs and tie nuts. Bar pressure adjusted through eccentric motorized cross shaft.

Double spindle chucking system options

- Custom manufactured PREMIER in-line cylinders.
- Multiple, externally mounted J.I.C. cylinders.
- Modified spindle and cylinder length for peeling multiple length blocks.

Carriage Options

- Ball screw, D.C. driven.
- Digital computer controlled, hydraulic powered.
- Gear driven, divotshaft powered.
- Two-speed A.C. motor drive for high-speed retract.

Knife bar assembly options

- Mechanical quick-change clamps.
- Hydraulic quick-change clamps.

Veneer control options

- Single-computer peeling control system.
- P.L.C. control system.

Pressure control options

- Solid rase bars.
- 5/8 inch diameter powered bronze roller bar.
- Segmented roller bar.
- 635 Roller Bars (powered and non-powered).

Lathe options

- D.C. drive with M.G. set.
- D.C. drive with S.C.R.
- Motor base extension.
- Automatic lubrication (partial or complete system).
- Factory pre-wiring.

Automatic lubrication options

- Single pump for roller bar.
- Double pump for bar and head.
- Triple pump for bar, head and spindles.