

PGW manufactures a complete line of parts and accessories for your staylog (half round) machine. We can custom design each part according to the size and make of your machine. While we manufacture the below, **let us know** if we can accommodate you in another way to make your staylog better.

- Premier Staylog: Designed in conjunction with the David R. Webb Company, the patented Premier Staylog will increase your yield by 2 to 7 percent, according to customer reports. This increase is possible because our staylog allows the operator to slice down to a 1" thick core (compared to existing cores of 1-5/16").

The Premier Staylog will also decrease your shim sheets. This is accomplished by using patented t-bolt dogging units, which are directly opposed and placed on six inch centers along the length of the staylog. The staylog is fabricated from plate steel, which is much more rigid than existing staylogs.

The "t-bolt" dogging units are made from stainless steel for longevity, and a bronze flanged thrust bushing holds the dog on either side of the gear teeth, which is an integral part of the assembly. The dogs are turned by two gear racks, which each run half the length of the staylog. Each rack is operated by a hydraulic cylinder and activated by the same lever by the operator as your existing staylog machine.

We can design a staylog to fit your existing half round machine, no matter the make or length.

- Hydraulic Knife Clamps: Excellent quality knife edges are imperative in the hardwood veneer industry. That's why we have found hydraulic knife clamps are a valuable addition to any veneer machine. On the average, this modification takes knife change times from 30 minutes to about 8 minutes. After getting the knife bed machined, the alloy steel knife clamps are hung on high strength pivot bolts. Behind each clamp is a heavy duty high pressure hydraulic cylinder. They are supplied with oil from your existing hydraulic unit, or if you choose, from a standalone hydraulic unit just for the clamping system.
- Automatic Greasing: This modification allows your half round to be greased easily and rapidly.
- Control Systems: Our machine controller is a computer-based industrial control system that can be used on almost any system. **Get all of the details along with the software and hardware specifications [here](#).**