

Clipping Trash Gate Coe Model 1802

The new “continuous peeling” Clipping Trash Gate design increases productivity and recovery by ensuring that the peeling process continues uninterrupted from round-up through core limit.

Solid Wood Products

- Sawmill Systems
- Dry Kilns
- Planermill Systems
- Scanning & Optimization
- Machine Controls

Veneer/Plywood Products

- Lathe Systems
- Dryer Systems
- Plywood Manufacturing Systems
- Press Systems

Customer Support

- Service
- Training
- Parts
- Upgrades



Clipping Trash Gate Overview

USNR’s latest design of the very successful Coe Clipping Trash Gate ensures that the peeling process continues uninterrupted from round-up through core limit. The simple one-button edge renewal of the patented UHMW anvil and the heavy-duty construction of the high-speed knife assembly, eliminates 99% of the traditional maintenance time spent on this part of the system.

Greater Throughput

Based on conservative estimates, there is opportunity not only for increased productivity but also increased recovery on leading edge veneer, providing a fast return on investment.

Higher Reliability and Reduced Maintenance Costs

By eliminating carriage retract for sheet break, we have cut the number of shock loading cycles to the carriage drive, roller bar, and lathe components in half. This further extends the life cycles of these critical lathe related machines.

Benefits

- ▶ Reduces “wood to wood” time by eliminating the carriage retract function
- ▶ Continuous carriage advance eliminates leading edge “thick and thin” veneer
- ▶ High Speed, servo-operated, computer-controlled knife action
- ▶ Patented UHMW anvil virtually eliminates maintenance on knife and anvil arrangement
- ▶ Reduces the number of shock-loading cycles to the lathe carriage, core drive and roller bar
- ▶ Touch-screen operator interface provides instant access to knife position, speed, anvil renewal and system diagnostics
- ▶ Designed to retrofit virtually all lathe models

Clipping Trash Gate

Increases Green Veneer Production

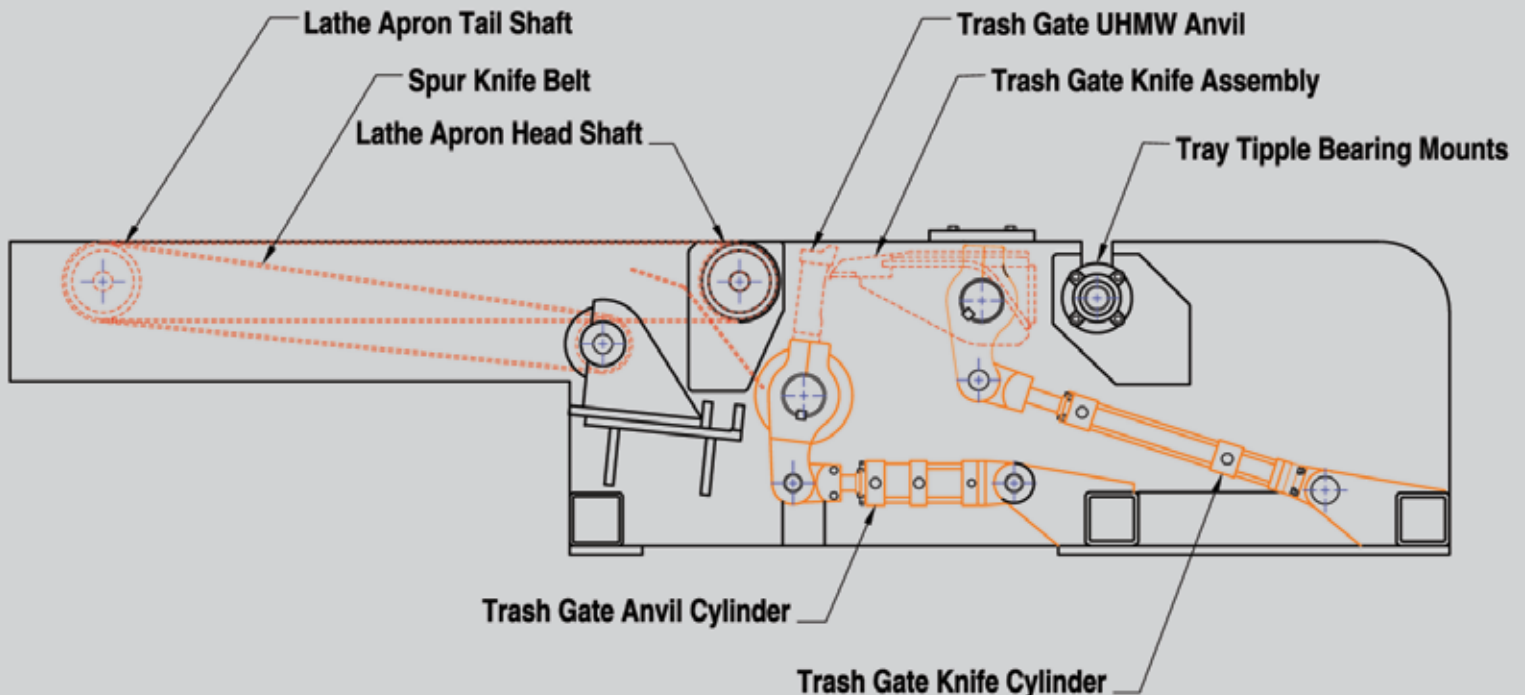
The new and improved Clipping Trash Gate design increases your green veneer production by increasing the number of blocks peeled per shift.

- ▶ Increase blocks peeled per shift - Our Clipping Trash Gate does not require the knife to come out of the cut and break the veneer after round up. This reduces the time required to peel a block on average of .5 - .75 of a second per block
- ▶ If you average 2500 blocks per shift x .75 seconds, you are losing 31.25 minutes of peel time per shift
- ▶ If you average 5.2 blocks per minute, this means: 5.2 blocks x 31.25 extra minutes = 162.5 more blocks per shift

Increases Yield Per Block

By eliminating thin veneer when your existing system begins peeling the block after round up, to gain more yield per block peeled.

- ▶ On average, the first 8" of veneer is too thin to use when the block is being peeled after round up
- ▶ The Clipping Trash Gate does not require the knife to come out of cut and then go back into cut after the round up - you will not lose that first 8" of veneer (which is too thin to use) on each block
- ▶ 8" of veneer gained on 2500 blocks per shift; would provide an additional 1,667 lineal feet of veneer / shift



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