

## SDL Grid Bar Taper

The SDL Grid Bar Taper applies tape to pre-fabricated grid bars. The taper automatically identifies end copes and saddle joints and applies tape to wood, aluminum, fiberglass, or PVC SDL grid bars. Grid bars are accurately taped at a rate of 25 FPM. The system can be configured with one to three tape heads to accommodate multiple tape widths. The heads can accommodate tape widths of ½ to 1-1/2”.



## SDL Grid Bar End Coping Machine

The Dakota Automation End Coping Machine is designed to accurately end cope SDL bars or meeting rails. The machine has an adjustable bar stop so the amount of material removed can be adjusted.

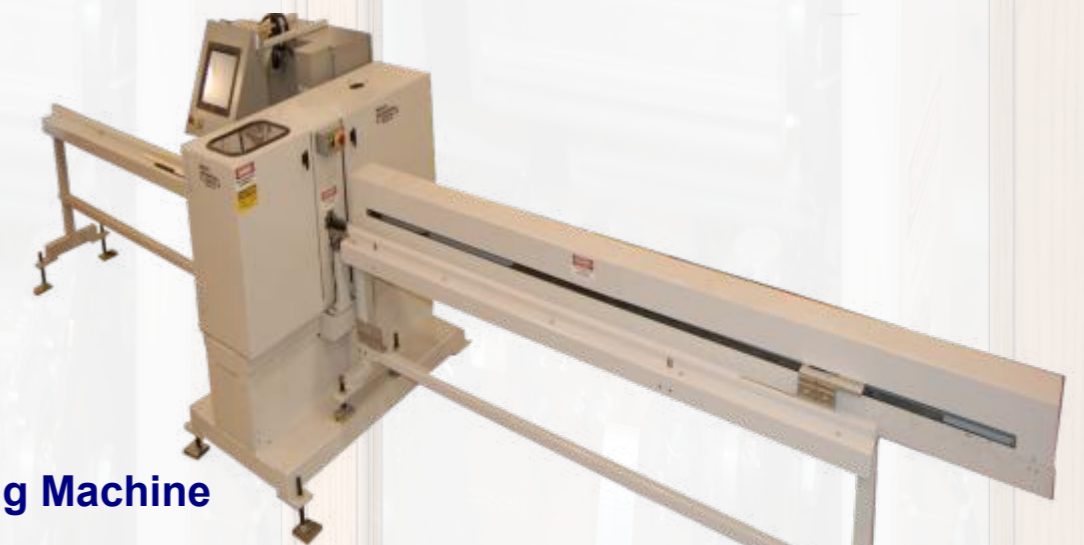
The Dakota Automation End Coping Machine is built with a heavy duty welded frame and components readily available in the US. The end coping machine uses two vertically mounted, adjustable speed routers for a chip-out free cope.



## SDL Grid Bar Processor

The Dakota Automation SDL grid bar processor will automatically fabricate wood, aluminum, fiberglass, or PVC grid bars. The machine automatically feeds lineals from a hopper to the fabrication area, then half-laps, cuts to length and end copes finished SDL grid bars. The machine can have up to four end cope spindles to accommodate different copes and/or material specifications.

The finished grid bars are then either conveyed to a Dakota Automation SDL Bar Taper or accumulated in the outfeed tray. The SDL grid bar processor includes PC control with CSV file download capability or direct database options.



## SDL Grid Bar Notching Machine

The Dakota Automation SDL Grid Bar Notching machine will precisely half lap wood, aluminum, fiberglass, and PVC SDL grid bars. The machine has an integrated servo positioned stop that is highly accurate. With the four independent arbor motors, there is no need to flip the SDL bar to process a vertical or horizontal grid bar. The machine can be set up to process three different width SDL grid bars. A PC control with CSV file download capability controls the system.