OPTIONS
Integration into larger machine system
Machine sized to your maximum sheet width and length
Horizontal or vertical roll stand
Electric hoist for loading rolls
Varying diameters of roll shafts and mandrels
Motorized payout system
Electric scissor lift table for stacking the blanked sheets
Transfer carts for handling the stack of sheets
Cart alignment details
Blade types
Circular shear, powered disc cutter, rod-less cylinder v-blade, etc.

SAFETY
All mechanical motions are guarded with either hard/ fixed guards, or safety scanners
An emergency stop pull-string de-energizes the nip feed rolls
Safety scanners are positioned and programmed to guard the interior area of the payout frame
E-stops mounted on all corners of the machine
Bilingual warning and safety signs as needed
ANSI standard colors are utilized
Main electrical disconnect and air inlet are lock-out tag-out ready

THE MODERN ADVANTAGE
Heavy duty roll cutting machines built for precise part to part cutting tolerances. Modern roll cutters are designed to blank nearly any rolled-goods material including plastic, carpet, and cover-stock materials. We offer both horizontal and vertical, dual-roll stands equipped with Tidland pneumatic brakes for tensioning the roll. An active roll is used by the machine, and one staged roll is positioned for start-up when the active roll is depleted.

An electrically powered nip station pulls the sheet from the roll where it goes through a loop and into a clamp bar. The clamp bar pays-out the material to an adjustable length, controlled with encoder feedback. Electrically powered cutters then blank the sheet from the roll, and position the blank on top of a scissor lift table, or transfer cart.