





Exit work roll profile screen

First and foremost among the operational benefits of the Hydraulic Cassette Leveler is its ability to establish completely different entry and exit roll bend profiles. Independently controlled cylinders allow the operator to set the Leveler for severe entry roll “bend” and “plunge”, while the exit rolls



The Cascadia CTL upgrade project included the installation of a new Automatic Sheet Stacker with the ability to stack 24” wide through 72” wide x 5/16” sheets in lengths from 30” to 480”. The Stacker is a “flipper” style drop-type wherein sheets are supported in the Stacker by rows of close-center non-marking nylon rollers. The rollers are mounted on cylinder actuated “flipper” bars that pivot open to deposit the sheet onto a pallet or sheet pack without surface sliding or scuffing. The flipper bars are arranged in short independently actuated segments along the Stacker length. A program determines the number of flipper segments that are activated depending upon the sheet length.



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are set parallel and feathered. The ability to independently adjust entry and exit roll bend profiles, not possible with a mechanical screw jack Leveler, produces a flatter sheet.

Hydraulic Cassette Levelers employ automatic computer controls to reduce new order set-up time and scrap. The Cassette Leveler automatically positions its work rolls after coil gauge and yield strength are entered into the computer terminal. On-the-fly shape correction adjustments can be made via joy stick controls or via computer key pad. All Leveler set-up parameters can be saved to the computer memory via order number, which is a time saving feature when leveling partial coils. The computer memory allows the Leveler to automatically adjust to the set-up previously used after entering the job number.



Multiple Hydraulic Elevating Stack Tables are raised to an elevation a few inches below the sheet pass line when running in order to minimize the sheet vertical drop when stacking. The Tables automatically descend to maintain a fixed drop dimension as the sheet pack grows in height. Hydraulically driven side discharge chain type conveyor carries sheet packages up to 40’ long weighing up to 40,000# out of the Stacker.

Quality, Performance, and Bullet-Proof Reliability, plus exemplary technical support made Cascadia’s choice of a Braner/Loopco Computer Controlled Hydraulic “Plunge” Cassette Leveler and CTL equipment a “no-brainer”.



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