



Versa-Cam System

The TS Versa-Cam Lug Loader is a high speed lug loader with maximum versatility for both fixed width and random width products. The Versa-Cam was specifically designed to handle the complexities of random width lumber. Able to load boards from 3" to 24" wide at speeds in excess of 100 lpm, and able to lug load at rates exceeding 200 lpm with more typical width ranges - the Versa Cam is fast. This speed does not come with typical lug loader complexity however - it operates with a simple stop and load mechanism. The accelerating tipple rises to load the board at the leading edge of the accumulation, while its integrated stops hold back the subsequent board. The lowering hook stops reduce the distance the tipple needs to rise by lowering out of the way of bowed or crooked pieces.

- The Overhead Press Rolls easily handle 4" of variation in piece thickness for sawmill applications
- Tipples lifted by servo drive, allow for boards with large splits to be easily processed
- The overhead frame lifts out of the way with pneumatic pivot for easy clearing
- Overhead system driven by continuous belt without need for couplings to change via reverse wrap around driver
- Hooks are lowered by servo drive for precision timing
- Tipples and hooks available in lower cost pneumatic operated system for reduced up-front cost
- Easily handles most piece dimension ranges at high speeds

Ducking Hook Lug Loader

The Traditional Ducking Hook Lug Loader is a mainstay of many medium speed, Sawmill and Planer Mill Systems. This loader utilizes friction speed up wheels and accelerating chains to accelerate the board away from the accumulation behind it. The gap is detected by laser photocells that trigger the ducking hooks to raise up, hold the gap, and impede subsequent boards. This results in a successful lug loading.

The Ducking Hook Lug Loader is ideally suited for speeds up to 75 lpm, or in scenarios using exceptionally wide boards or a large range in thickness. It's also ideal if budget constraints prevent the use of a Versa-Cam System.

- Available with Ratio Driven Speedup Chains (standard) or separately driven speedup chains (optional) for more flexibility in piece size and back pressure control
- Hooks lowered by high speed pneumatic system
- Chains bolt in - removable for access to speedup wheels system for refurbishment of friction surface over time
- For random length material, a Split Shaft Hook System is available to prevent long boards from being skew-loaded behind short boards
- Speedup wheels are available in machined knurling, high speed ceramic abrasive or high durometer rubber lagging to suit the application requirements

www.tsman.com
Visit our website to find out more about TS Lug Loaders.



TS Manufacturing
2 Fleetwood Rd, Lindsay, ON K9V 6H4 Canada
Tel: +1 705 324 3762 | Fax: +1 705 324 6482