

**The Twin-Cut is designed with a high level of reliability, low maintenance, and a efficient flow pattern that allows for higher production with minimum handling for an overall safer and smoother operation.**



**The unique bi-directional circular saw configuration eliminates wasted return cycle times. The two 16 tooth 8mm kerf inserted saws offer lower maintenance than band saws and are more capable in contaminated wood. Thinner 5.6mm kerf saws are also available.**



**The saws are easily sharpened in place with a simple and effective sharpener.**



**The current head rig can handle logs from 125 mm diameter and 2.4 meters in length up to 70 mm diameter and 6 meters in length.**



**The 2.4 meter chain driven infeed deck allows for the placement of saw logs ready for processing. This deck is fully retractable for transport and is constructed to handle all sizes of wood.**



**The Twin-Cut was also designed with flexibility in mind. Any product from large cants to 25 mm lumber is easily produced. Products such as timber frame house beams, rail ties, pallet stock for re-saw, bridge decking, dock decking and piles, oil field mat materials to dimensional lumber.**

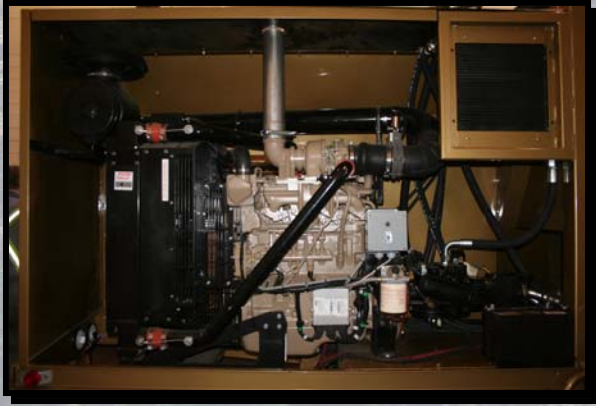


**The Outfeed Deck delivers the finished products to the side of the mill this allows for safe removal and access with a forklift.**





**All aspects of efficient production of high grade lumber are controlled by the user friendly custom designed computer control. The simple user interface allows the operator to pre-select the desired dimensions of products to be produced. Saw kerf allowance is calculated by the computer eliminating human error. Training is straight forward and proficiency easily achieved**



**The mill is hydraulically driven by a 4045 John Deere tier 3 174 horse power diesel engine. The hydraulic system is designed using Sauer Danfoss pumps and valves. Great care has been taken in developing this system to be reliable and maintenance free.**



**The hydraulics and the automated computer system significantly reduce the manual labour required and take the back-breaking work out of sawing. Only three people are needed to operate the mill, an operator in the cab supported by a loader operator and a lumber piler.**





**The Twin-Cut sawmill system allows a single operator to handle the log deck, log singulator, set works, dogs, taper trim, log rotate, waste conveyor and outfeed deck from an environmentally climate controlled cab. This ergonomically designed work space is geared toward production and operator comfort.**



**This unit is completely portable, and can be set up in less than 30 minutes ready to saw the first log. It is highway legal in North America and can be pulled by a 3 ton truck with a 5<sup>th</sup> wheel hook up. Total highway weight is 11,200 kg.**



**The Twin Cut Sawmill is capable of processing 70-90 cubic meters of round wood in 8 hours. (That's about 1 ½ to 2 truck loads a day.)**

**In sawn wood terms, this would be from 38.5 cubic meters to 49.5 cubic meters per day.**



**In 2008 the Twin-Cut sawmill received the prestigious Engineering Award of Excellence from the Design Exchange. The Design Exchange is recognized internationally as a centre of design excellence for Canada. It is Canada's Design Museum and centre for design research and education.**



**Mike Dyck (left) Inventor Dave Fenton (right)  
Missing Inventor Les Oilund**



**The standard sawmill comes with everything you need. There are additional options available which include night time operating lights, a tarp style roof, 110 volt outlet, compressed air system, hydraulic leveling jacks, and electric power. For anything else that is required we will be happy to design any other option into our mill. Please call with your inquiries.**

