Twin-Cut Sawmill FAQ'S

- How much does the saw mill cost?

  Call for current pricing.

- What kind of lumber production can be expected?

  Lumber production figures will vary depending on wood size and products produced. Estimated production is from 1000 board feet/hour to 2000 board feet/hour. In the production of cants and rail ties (#1 and #2) 2750 board feet/hour average has been reached.

- What size of logs can be sawn on the sawmill?

  Max size is 28" x 20 feet long (700 mm x 6 m)
  Minimum size is 5" x 8 feet long (125mm x 2.5 m)

- What kind of lumber products can be produced?

  The Twin-Cut was designed with flexibility in mind. Any product from large cants to 1" lumber is easily produced. Products such as timber frame home beams, rail ties, pallet stock for re-saw, bridge decking, dock decking and piles, oil field mat materials to dimensional lumber.

- What are shipping costs for the saw mill?

  The mill is delivered F.O.B. factory in Grande Prairie Alberta. Shipping can be arranged anywhere at the customers cost.

- What kind of options are available on the sawmill?

  Standard Options include, but are not limited to:
  Night time operating lights
  Up-Time kit
  Spare set of saws
  Tarp style roof

110 volt outlet
Compressed air system
Hydraulic leveling jacks
Electric Power
As Twin-Cut Sawmills is a customer driven company, we will be happy to design any option into our mill that is required. Please call with your inquiries.

- What kind of circular saws are being used? How are they sharpened?

  Currently 2 different types of saws are being offered.
  26" diameter, 5/16" inserted tooth with Stellite, Steel or Carbide tips.
  26" diameter x .235 carbide tipped.
  Sharpening is done with the use of a portable tooth sharpener. The saws do not have to be removed and are sharpened in place. This is a quick and easy process that can be mastered easily. We recommend sharpening every 2 ½ to 3 hours depending on how knotted or dirty the wood is that you are cutting.

- How is the computer control used on the sawmill?

  All aspects of efficient production of high grade lumber are controlled by the user friendly custom designed computer control. Simple user interface allows the operator to pre-select desired dimensions of lumber products to be produced. Saw kerf allowance is calculated by the computer eliminating human error. Programmed cut dimensions are selected by the operator once the log has been squared. As each board is sawn, the computer automatically advances the setworks for the next pass as the saws rotate.

- How many people does it take to operate the lumber mill?

  Actual operation of the saw mill is handled by one person from the operators cab. In support of the operator is a loader operator and lumber piler. This makes for a safe working environment as there is no need for anyone to be close to moving or rotating equipment.

- How is training done?

  Initial training is done at the factory. This training includes operation of the saw mill, transporting and set up and maintenance requirements. This is done over a 3 day period. Additional training on site is available at an additional cost of $500.00/day plus traveling expenses.

- What temperatures will the sawmill work in?

  As any piece of mobile equipment, operating temperatures can vary from the very warm to the very cold. Typically, the operating range is from +35 deg Celsius to –35 deg Celsius.

- How much fuel does the lumber mill use?

  Based on the John Deere manufactures suggestions, 3 – 4 gallons of diesel/hour.

- Is the saw mill available with electric power?

  A Twin-Cut sawmill will soon be available with electric or diesel power in a stationary model. Please call for further details.

- Is there an edger? Trim table?

  The Twin-Cut does not come with an edger or trim table. There are currently many makes of portable edger manufactures that are compatible with this mill. We would be happy to assist in finding the edger right for you.
  Custom design of complimenting equipment such as trim tables and automatic sorters and stackers is available upon request.

- What are the advantages of circular saws over bands?

  The biggest advantage of saws over band saw blades is maintenance. As the circular saws can be sharpened or have teeth changed without removing them there is a huge savings in time and the level of skill required. No expensive equipment is required to maintain circular saws such as sharpeners or tooth setters. Circular saws also do not have to be replaced on a regular basis. Life expectancy can be measured in years rather than weeks. Circular saws also tend to be much more rugged and can withstand considerably more abuse.

- Is there a taper offset for tapered logs?

  Allowing for log taper is accomplished by adjusting the Taper Trim offset feature. This is done by the operator from the cab through the use of a cylinder attached to the head blocks which pushes the log into the sawing line.

DAVCO TWIN-CUT
MOBILE AUTOMATED SAWMILL

- What is delivery time from date of order for the Davco Twin-Cut sawmill?

  From date of order expect a 10 to 12 week delivery.

- How much does the saw mill weigh?

  Total transport weight is 24,500 lbs (11,136 kgs) Length in transport 45’6” (13 m) x 12’ high (3.65m)

- What size vehicle do you need to tow the sawmill?

  Minimum tow requirement is a single axle 3 to truck with a fifth wheel.

- How long does it take to set up the Twin-Cut?

  Set up time is very quick. From the time of arrival to sawing site to operational ready is less than 1 hour and can be as little as 30 minutes. Once the mill has arrived on site and been unhooked from the truck leveling is done through the use of the 4 leveling jacks. The mill is then unfolded using the hydraulic system to lower the outfeed deck, the infeed deck and the waste conveyor.

- Is there a warranty?

  Standard factory warranty is 1500 hours or 6 months from delivery against defects in manufacture or materials. Standard warranties for components are covered by OEM’s such as John Deere.

- What is meant by bi-directional?

  Bi-directional refers to the ability to cut in both directions. Traditionally circular saws cut in one direction and then either the carriage or the saw will move back to the beginning to resume cutting. The Twin-Cut head rig contains two circular saws positioned one above the other. When the saw is finished making a cut through the stationary log, it rotates so that the other saw is then set to make a cut as the head rig travels back to the beginning of the cycle. This eliminates wasted return travel time which maximizes productivity.

- Do the saws have to travel to the end of the track before turning around to cut again?

  No, due to the user friendly automation of the sawmill this is done simply with the push of a button.

- What do we mean by low maintenance where the Twin-Cut sawmill is concerned?

  After running the mill for an entire season our contractor reported there was very little maintenance required on the sawmill, besides sharpening the saws at regular intervals they only had to change a couple of hoses.